

International Geographical Union Regional Conference

CHANGES **CHALLENGES** **RESPONSIBILITY** **PROGRAMME**



KRAKÓW 2014

Kraków, Poland, 18-22 August 2014





INTERNATIONAL
GEOGRAPHICAL UNION
REGIONAL CONFERENCE
**CHANGES
CHALLENGES
RESPONSIBILITY**

KRAKÓW, POLAND, 18–22 AUGUST 2014

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The 2014 Regional Conference of the International Geographical Union is organized in Kraków, Poland, 18-22 August 2014.

The main theme of the conference is Changes, Challenges, Responsibility. The aim of the conference is to create a discussion space for 1400 participants from 65 countries representing all continents, who wish to contribute to a better understanding of the changes and challenges faced by the world and our discipline as well as the responsibility we all share. The conference is going to be an event contributing to efforts undertaken, for example, by ICSU/ISSC Future Earth, and aimed at defining pathways towards sustainability and responding effectively to the risks and opportunities of global environmental change.

The Regional Conference has been organized by the consortium of eight geographical research institutions from Poland and takes place at the Jagiellonian University which celebrates the 650th anniversary of its foundation in 2014. The Local Organizing Committee of the conference has its seat in the Institute of Geography and Spatial Management of the Jagiellonian University, which continues the tradition of the first Chair of Geography in Poland, established in 1849. The venue of the conference in Kraków gives an excellent opportunity to discover the beauty and variety of the environment and the culture of Central and Eastern Europe.

We wish all participants fruitful debates and taking back home only good memories from Kraków!

*Chair of the Local Organizing Committee
of the 2014 IGU Regional Conference*

Dr. Anita Bokwa

Le Congrès Régional 2014 de l'Union Internationale de Géographie est organisé en Pologne, à Cracovie, du 18 au 22 Août 2014.

Le thème principal du Congrès est Changements, Défis, Responsabilité. Le but du Congrès est de créer un lieu de débat pour les 1400 participants, provenant de 65 pays représentant tous les continents, et souhaitant apporter leur contribution pour une meilleure compréhension, non seulement des changements et défis auxquels notre discipline est confrontée dans le monde, mais aussi de la responsabilité que nous partageons tous. Le Congrès est un événement consacrant les efforts entrepris, par exemple par ICSU/ISSC Planète Future, et visant à esquisser des pistes vers le développement durable en répondant de manière efficace aux risques et aux opportunités du changement environnemental global.

Le Congrès Régional a été organisé par le consortium des 8 institutions polonaises de recherche en géographie et se tiendra à l'Université Jagellonne qui célèbre en 2014 le 650^{ème} anniversaire de sa fondation. Le Comité Local d'Organisation du Congrès a son siège à l'Institut de Géographie et de Gestion des Territoires de l'Université Jagellonne, qui perpétue la tradition de la première Chaire de Géographie de Pologne, fondée en 1849. L'implantation du Congrès à Cracovie fournit une excellente opportunité de découvrir la beauté et la richesse environnementale et culturelle de l'Europe Centrale et Orientale.

Nous souhaitons à tous les participants des débats fructueux et de ne ramener à leur retour que des bons souvenirs de Cracovie!

*Présidente du Comité Local d'Organisation
du Congrès Régional de l'IGU 2014*

Dr. Anita Bokwa



Patronage



The conference is organized under the honorary patronage of the President of the Republic of Poland, Bronisław Komorowski.

Honorary Committee of the 2014 IGU Regional Conference



Professor Vladimir Kolosov
President of the International
Geographical Union



Professor Michał Kleiber
President of the Polish Academy of Sciences



Professor Jacek Majchrowski
Mayor of the City of Krakow



Professor Wojciech Nowak
Rector of the Jagiellonian University in Kraków

Dear friends and colleagues!

Welcome to the IGU Regional Conference in Kraków, being a major event for the international geographical community in 2014! Last years, the annual big get together of the world geographical family, a true feast of geography, becomes a tradition. This conference develops the best achievements of our past meetings: a rich and diverse programme combining key note lectures and special days for young scholars and teachers, the sessions organized by the Commissions and thematic workshops proposed by groups of colleagues. Such programme allows approaching a balance between further differentiation of geography, the appearance of interdisciplinary fields, such as border studies, and the need for synthesis and generalizations. You will notice that many commissions suggested rather innovative and attractive themes for their meetings, and as it happens at good conferences, interesting sessions are sometimes scheduled at the same time, which makes the participants face a difficult choice.

Major challenges of the contemporary world, i.e. climate change and the goals of sustainable development on a local and global scale, increasingly require better understanding of the nature-society interface, i.e. close cooperation between Earth sciences and social disciplines, between the natural and social wings of geography. The IGU welcomes the participation of all commissions at the Congresses and Regional Conferences. We are very glad that most of 41 IGU Commissions will hold their meetings in Kraków.

Moreover, the number of abstracts submitted to this Conference exceeded our expectations by far. It made the Organizing Committee's life more difficult, but it was of course, a good news. It is certainly a result of long, purposeful and productive work of our Polish colleagues, and on our common behalf I would like to warmly thank them for their cordial hospitality!

Good attendance of this conference means that despite tough competition between different larger and smaller academic associations the IGU conferences and congresses remain important milestones for the international geographical community. The IGU is expanding "in width": we just got two new country-members: Kazakhstan and Serbia. Some other countries have either formally re-established membership or indicated their intention to enter the IGU shortly.

The IGU is also expanding "in depth": its Executive Commission is working out a mid-term strategy including several priorities. One of them is to strengthen the role of the IGU as a truly global organization, i.e. to increase the participation of geographers from the countries with low incomes and, at the same time, to make it attractive to geographers from the "North," particularly young generations. Geographical education is always in the focus of the IGU attention. It sponsors a few interdisciplinary programmes, it has initiated an ambitious project in the UN International Year of Global Understanding and it cooperates with the leading international organizations in contributing to the cohesion of geography and its better international visibility. We still have a lot to learn from the experience of other international academic unions and associations. As it prepares for the celebration of its centennial, the IGU is a dynamic and viable organization.

Good luck and every success! Enjoy these nice and unforgettable summer days in the ancient capital of Poland, beautiful Kraków!

*Professor Vladimir Kolosov
President of the International Geographical Union*



PREZYDENT MIASTA KRAKOWA
JACEK MAJCHROWSKI

I would like to warmly welcome all participants of the Regional Conference of the International Geographical Union to Krakow.

We are happy to be able to host such a prestigious event in our city. Your choice is a great mark of respect for Krakow.

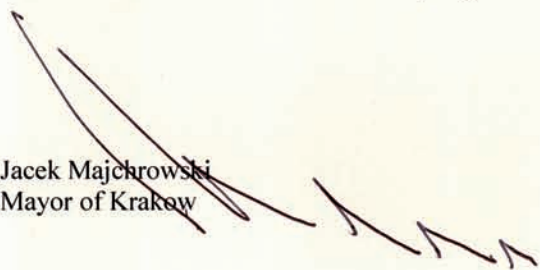
The fact that you have entrusted the Institute of Geography with holding an international geographical forum proves that the Polish community of geographers has earned your trust.

Until now, Poland had the opportunity to hold a conference of the International Geographical Union only once, back in 1934. Krakow is proud to welcome such excellent guests, especially as the conference coincides with the 650th anniversary of the Jagiellonian University.

Krakow is an academic centre whose special atmosphere favors scientific debates. This is why I am convinced you will be fully satisfied with your choice. I do hope that during the August days spent in Krakow you will find the time to discover the beauty of Poland's former capital.

I trust that Krakow will fulfill your expectations as conference host and city whose heritage, traditions and cultural scene are worthy of your attention.

Jacek Majchrowski
Mayor of Krakow



Krakow, August 2014



RECTOR
JAGIELLONIAN UNIVERSITY
IN KRAKOW

Ladies and Gentlemen,

It is my great pleasure to welcome you at the Conference of the International Geographical Union on behalf of the Jagiellonian University in Kraków.

We are greatly honoured by the presence of so many guests from all over the world at the time of the 650th Jubilee of the Jagiellonian University, which was founded in 1364. As the oldest and the leading university in Poland it is known for its high quality teaching and multidisciplinary research.

Not only has the Jagiellonian University a long-standing academic tradition overall, but also specifically in Geography. The chair of geography was established at the Jagiellonian University in 1849 as the second chair of geography in Europe. Its graduate and professor Stanisław Leszczycki acted as a president of the International Geographical Union (1968-1972).

The conference theme Changes, Challenges, Responsibility refers to the fundamental environmental, social and economic problems faced by Our Planet in the 21st century. This gives geographers opportunity to contribute to the better understanding of contemporary changes in natural and human systems as well as helping citizens, governments and companies in realizing their responsibility for the future of our world.

I wish all the participants a very successful conference and fascinating debates!

Professor Wojciech Nowak, MD, PhD

Dear participants of IGU Regional Conference in Kraków,

It is an honour to host you in Poland. After 80 years, an international meeting of geographers from all over the world takes place by the Vistula River. We will do our best, to make this year's meeting a good part of the IGU's history, such as the IGU Congress which took place in Warsaw in 1934. The significance of this meeting, like 80 years ago, is confirmed by the honorary patronage of the President of the Republic of Poland.

The modern world is characterized by very rapid civilization changes. Their consequences include new technologies, the socio-economic development of many regions in the world, as well as higher risks and hazards to the environment. The main theme of this year's conference refers to these processes and is defined as Changes, Challenges and Responsibility. Modern geography faces significant challenges focusing on the recognition of and the response to contemporary changes in the environment, society and economy.

I hope that during the Conference we will have a chance to exchange our views and identify key research challenges for the geographical studies in the context of the changes in the environment, which we witness on a daily basis. During the Conference we will have an opportunity to listen to more than 1,400 lectures and poster presentations. We will also be able to see an especially prepared exhibition showing the development of the geographical concept in Poland, and its almost 700th years' history. The origins of geography in Poland date back to early medieval chronicles, which included descriptions of the Polish lands (Gallus Anonymus, the 12th century). The beginnings of geography as a science date back to 1494, when the Faculty of Artes Liberales at the Kraków Academy introduced lectures in cosmography. Today, geography is taught at 14 state universities at the master level, one private university and at the school of economics as a part of curriculum. For 60 years, we have had in Poland the Institute of Geography and Spatial Organization at the Polish Academy of Sciences, which constitutes a research institute carrying out projects in basic and applied studies. For nearly 100 years, i.e. since 1918, the Polish Geographical Society has been very active, and it is the main originator of this year's event.

On behalf of the organizers of the IGU Regional Conference in Kraków, we wish all the participants fruitful sessions, a lot of impressions and unforgettable memories.

Marek Degórski

Chair of the Steering Committee of the 2014 IGU Regional Conference in Kraków, Poland



The International Geographical Union (IGU) is an international, non-governmental, professional organization devoted to the development of the discipline of Geography. The purposes of the IGU are primarily to promote Geography through initiating and coordinating geographical research and teaching in all countries of the world. Its work is conducted through the instruments of its National Committees, Commissions and Task Forces.

The IGU hosts the International Geographical Congress every four years and also promotes regional conferences and other meetings that further of the objectives of the Union. The IGU also facilitates the participation of geographers in the global community of scientists through its formal affiliation as a Member Union within both the International Council for Science (ICSU) and the International Social Science Council (ISSC).

The IGU was formally established in Brussels in 1922. However, the history of international meetings of geographers is much longer. The first of a series of congresses met in 1871 in Antwerp. Since its early days the Union has consisted of three major components: a General Assembly of the delegates appointed by the member countries which meets at the time of the Congress and is the highest authority of the Union; an Executive Committee which consists of a President, eight Vice-Presidents and a Secretary-General and Treasurer; Commissions and Study Groups which continue their work between General Assembly meetings. The working languages of the Union are English and French.

Commissions and Task Forces are research bodies of the IGU that cover a very wide range of research topics within the discipline of Geography.

IGU Commissions and task forces:

- C12.01** Applied Geography
- C12.02** Arid Lands, Humankind, and Environment
- C12.03** Biogeography and Biodiversity
- C12.04** Climatology
- C12.05** Coastal Systems
- C12.06** Cold Region Environments
- C12.07** Cultural Approach in Geography
- C12.08** Dynamics of Economic Spaces
- C12.09** Environment Evolution
- C12.10** Gender and Geography
- C12.11** Geographical Education
- C12.12** Geographical Information Science
- C12.13** Geography of Governance
- C12.14** Geography of the Global Information Society

- C12.15** Geography of Tourism, Leisure, and Global Change
- C12.16** Geoparks
- C12.17** Global Change and Human Mobility
- C12.18** Hazard and Risk
- C12.19** Health and Environment
- C12.20** History of Geography
- C12.21** Indigenous Knowledges and Peoples' Rights
- C12.22** Islands
- C12.23** Karst
- C12.24** Land Degradation and Desertification
- C12.25** Landscape Analysis and Landscape Planning
- C12.26** Land Use and Land Cover Change
- C12.27** Latin American Studies
- C12.28** Local and Regional Development
- C12.29** Marginalization, Globalization, and Regional and Local Responses
- C12.30** Mediterranean Basin
- C12.31** Modeling Geographical Systems
- C12.32** Mountain Response to Global Change
- C12.33** Political Geography
- C12.34** Population Geography
- C12.35** Sustainability of Rural Systems
- C12.36** Toponymy (Jointly with International Cartographic Association)
- C12.37** Transformation Processes in Megacities
- C12.38** Transport and Geography
- C12.39** Urban Commission: Urban Challenges in a Complex World
- C12.40** Water Sustainability
- C12.41** Geomorphology and Society
- T12.01** Olympiad

More information at: <http://igu-online.org/>

The conference has been prepared by the consortium of eight Polish geographical institutions, coordinated by the Polish Geographical Society. It has been organized by the Institute of Geography and Spatial Management, Jagiellonian University, together with the Jagiellonian University Department of Communications and Marketing – Conferences.



Polish Geographical Society

The Polish Geographical Society was established in 1918, in Warsaw. The first President of the Society was Professor Jan Lewiński of the University of Warsaw. At the beginning, the main purpose of the Society was to bring together Polish geographers from a variety of Polish regions divided by more than a century of foreign occupation. Today, the Society is divided into 22 regional and thematic branches, established mainly in 1960s. It publishes 10 geographical periodicals, organizes scientific conferences and open lectures, dedicated particularly to school students.

You may find more information at: <http://www.ptg.pan.pl/en/>



Jagiellonian University, Institute of Geography and Spatial Management, Kraków

The Institute is the oldest geographical research centre in Poland and one of the oldest in the world, established in 1849. Its research activity realized includes a wide range of topics from both physical geography and socio-economic geography, including usage of geoinformatic technologies in geographical research. The Institute publishes monographs and two geographical periodicals. Each year, about 500 students follow the courses organized within three levels of study. The Institute has three research field stations in Kraków and the Carpathian Foothills. International co-operation includes students' and staff didactic activity within the Erasmus programme and research projects realized for various areas of the world, including Arctica.

You may find more information about the Institute at: <http://www.geo.uj.edu.pl/?&lang=1>

You may find more information about the conference office at:
<http://www.konferencje.uj.edu.pl/index.php?strona=obiurze&jezyk=en>



Pedagogical University of Cracow, Institute of Geography

The Institute of Geography of the Pedagogical University of Cracow is about to celebrate its 70th anniversary of research and teaching geography students. The scientific development of the Institute is demonstrated in numerous publications and own scientific periodicals as well as school handbooks and teacher's guides. The Institute of Geography has a long-standing tradition of organising annual scientific conferences focusing on geography and entrepreneurship. We offer three levels of university courses in geography (doctoral, master's and bachelor's degree), tourism and recreation (bachelor's degree) as well as spatial management (engineering degree) and post-graduate studies. The Institute of Geography has good working relations with many European universities within the scope of Erasmus programme and it is a party to partnership agreements with non-European universities.

You may find more information at: http://www.up.krakow.pl/main/eng/?page=faculty_gb



Stanisław Leszczycki Institute of Geography and Spatial Organization, Polish Academy of Sciences (IGSO PAS)

was founded in 1953. The Institute is an important research centre in Poland in the fields of socio-economic geography, physical geography as well as spatial organization. Institute staff's annual publishing output comes to a total of 400 published items (e.g. peer-reviewed articles, monographs, notes, etc.), including own journals

(*Przegląd Geograficzny, Geographia Polonica, Europa XXI*). IGSO PAS is a partner of the Polish Ministry of Infrastructure and Development (co-operation on the field of spatial planning, regional policy and evaluation). Within the framework of the Institute, the Central Library of Geography and Environmental Protection operates, this being one of the largest library centres of the kind in the world.

You may find more information at: http://www.igipz.pan.pl/home_en.html



University of Warsaw, Faculty of Geography and Regional Studies

The Faculty of Geography and Regional Studies of the University of Warsaw was founded following the merger of the Institute of Geography and the Institute of African Studies in 1977 to become the first Faculty of Geography in Poland. As regards research activities, the following areas have a special position: landscape ecology, modelling of hydrological processes, morphodynamic processes in desert and young glacial conditions, urban climate, determinants of global climate changes and bioclimatology, urbanisation processes, local and regional development, tourism management, man-environment

interactions in selected areas of Latin America, Middle East, Asia and Pacific region, cartographic and remote sensing methods.

You may find more information at: <http://www.wgsr.uw.edu.pl/en/home>



University of Silesia, Faculty of Earth Sciences, Sosnowiec

The Silesian school of geography celebrates the 40th anniversary this year. Geographical studies at the Faculty of Earth Sciences of the University of Silesia in Sosnowiec are conducted by the six departments and the interdisciplinary Centre for Polar Studies, which has received prestigious status of the Leading National Research Centre as the only one in Earth sciences. Silesian geographers are involved in wide scientific cooperation with dozens of institutions over the world and organize research expeditions to the Arctic and Antarctic and many other regions, including Siberia, Australia, and Scandinavian

mountains. Special attention is paid to the evolution of the Upper Silesian mining and industrial area in relation to social and economic changes, anthropogenic geomorphic and hydrologic processes, as well as understanding of environmental alteration in the region where the University is located.

You may find more information at: <http://english.us.edu.pl/faculty-earth-sciences>



Adam Mickiewicz University, Faculty of Geographical and Geological Sciences, Poznań

The origin of the faculty dates back to 1919, when the Institute of Geography at the University of Poznań was established. The Faculty of Geographical and Geological Sciences was founded in 1984. Nowadays it is proven the best (the evaluation by the Ministry of Science and Higher Education) and the greatest (with more than 3,600 students) with regard to Earth sciences in Poland. It offers the widest range of teaching: 8 fields of study with 18 specializations, from urban ecology and tourism and recreation to spatial planning and GIS, not to mention classical geography and geology. The range of research conducted at the faculty is impressive as well – it covers both geography and geology in all aspects, GIS, cartography and geomatics, remote sensing, spatial planning and human impact on the environment. From meteorites to polar research, from geodiversity to regional policy and from soil science to mantle derived xenoliths. The faculty publishes 5 journals, 2 of them in English. It also maintains 5 field stations, including AMU Polar Station located on Spitsbergen, only 1300 km away from the North Pole.

You may find more information at: www.wngig.amu.edu.pl/english/home/about-us
www.facebook.com/WNGiG



University of Łódź, Faculty of Geographical Sciences

The Faculty, one of leading centers for geographical research and education in Poland, employs a total number of 127 staff, of which 97 are academic staff (including 30 professors).

In the field of physical geography (31 academic staff, including 10 professors) the main research areas comprise climatology and meteorology, geomorphology, paleogeography, hydrology, water management and geology. In the field of human geography (66 academic staff, including 20 professors) the main research areas comprise urban studies, economic and social geography, spatial development and planning, geography of tourism, political and historical geography, regional studies. The Faculty offers undergraduate and postgraduate degree programs in geography, tourism and leisure, spatial development and planning, geoinformation, geomonitoring and regional studies. The Faculty also runs doctoral studies. The total number of students is about 1,800. The Faculty publishes two scientific journals in English: "European Spatial Research and Policy" (for more information go to: <http://www.esrap.geo.uni.lodz.pl>) and "Tourism" (for more information go to: <http://www.turyzm.pl>).

You may find more information at: <http://www.geo.uni.lodz.pl>

The conference is supervised by the Polish National Committee of the IGU.

Steering Committee

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1364 - 2014

Jubileusz 650-lecia
Uniwersytetu Jagiellońskiego

Inspirowani przeszłością tworzymy przyszłość

www.650.uj.edu.pl

In 2014, the Jagiellonian University was celebrating the 650th anniversary of the foundation of one of the most important centres of scholarship and education in Europe by King Casimir the Great. The decision made by one of the most progressive Polish monarchs was a true milestone in the history of Polish science and academia.

The University in Kraków has always been cosmopolitan in nature and this has not changed over the centuries. Foreign students from different parts of the world have been welcome here from the very beginning, and beside the Polish founder who established the University in 1364, King Władysław Jagiełło and Queen Jadwiga, who were respectively of Lithuanian and of Hungarian origin, initiated the re-establishment of the university in 1400 and contributed enormously to its development. The fact that the University owes its 15th century renewal and the later Golden Age to foreigners is the first marvel. The second has to do with the diversity of nations whose members eagerly came to Kraków from different parts of Europe to seek the “pearl of the inestimable sciences”. Poles, Ruthenians, Lithuanians, Hungarians, Germans, Czechs, the Swiss, the English, the Dutch, the French the Spanish, Italians, and even Tatars studied here in the old days. At one point foreigners constituted almost half (44%) of all the students! The third remarkable feature is related to the great people, of whom we may proudly say “our” students, alumni, professors and lecturers. They have gone down in the history of our University, but also in the history of Kraków, of Poland and of the whole world, being the ambassadors for the Polish nation in science, culture, religion, and other areas.

It is impossible to list names of all those who have played an important role in the many centuries-long history of our Alma Mater, which has always been filled with a multitude of events and people. This brings us to the fourth phenomenon: fidelity to principle. The Jagiellonian University has always been faithful to its credo: “Plus ratio quam vis”, which proclaims the superiority of reason over force. For centuries we have been abiding by Ovid’s motto: “Quidquid agis prudenter agas et respice finem” – “Whatever you do do it prudently and look to the result.”

You may find more information at: <http://www.650.uj.edu.pl/en/>



Source: Foto Polska

Welcome to Kraków!

Kraków (Cracow, Cracovie, Cracovia) is the second largest city of Poland, with 755,000 inhabitants. The city is well known for its touristic attractiveness as well as high cultural and educational potential; there are 23 universities with 180,000 students. The Kraków agglomeration is the main driver of regional development in southern Poland, due to dynamic economic growth and good transport accessibility provided by the Kraków Airport and the A-4 highway, which connects Western and Eastern Europe. It is an innovative city that houses foreign companies in high- and medium-tech industries and professional services (e.g. Motorola, Google, IBM, MAN).

Kraków seems to be a typical „must” for foreigners who visit Poland. The city is one of the richest architectural complexes in Central Europe, with over 5,000 historical monuments from various epochs and of different styles, e.g. Romanesque, Gothic and Baroque churches and modern art centers (e.g. Manggha Centre of Japanese Art). In 1978, the Old Town of Kraków and the former Jewish district of Kazimierz were enrolled on the first UNESCO List of World Natural and Cultural Heritage. The Old Town is the city’s most attractive district for tourists, with a medieval urban structure dating back to the city foundation of 1257. Its central part is the Main Market Square, the largest medieval square in Europe, with characteristic buildings of St. Mary’s Basilica, the Cloth Hall, the Town Hall Tower and St. Adalbert’s church.

Each year, Kraków is visited by 7-8 million of tourists and the city offers over 30,000 accommodation places.

More information about touristic attractions in Kraków and its vicinities can be found at:

www.krakow.pl/english/
www.visitkrakow.com/
www.poland.travel/en/



The idea of organising an international geography competition for secondary school students dates back to the first half of the 1990s. The main goal was to promote geographical knowledge among young people through their natural will to compete and to build international links between people and places. Harnessing the potential of the increasingly popular – especially in Europe – national Geography Olympiads was also an important argument.

Poland, where the Geography Olympiad has been held annually since 1974, was actively involved in developing of the idea of organising an international competition at the outset. Poland, together with the Netherlands, became the originator of the International Geography Olympiad (iGeo) and, along with the Netherlands and Slovenia, it is one of the few countries having taken part in each event.

The first International Geography Olympiad for secondary school students aged between 16 and 19 was held in The Hague, the Netherlands, under the auspices of the International Geographical Union, in 1996. Only five countries (Belgium, Germany, the Netherlands, Poland and Slovenia) took part. Since then, the number of the participating countries has grown and the Olympic idea has considerably extended its geographical range. The Olympiad was held biannually from 1996 to 2010, but a decision was taken to organise it every year from 2012 on.

The 11th Olympiad will be held in Kraków on 12-18 August 2014. This will make Poland the first country to have hosted the event twice (the first time in 2004 in Gdynia). We expect 37 teams to participate: Australia, Belgium, Belarus, Bulgaria, China, Croatia, the Czech Republic, Denmark, Estonia, Finland, Germany, Hong Kong, Hungary, Indonesia, Japan, Kazakhstan, Lithuania, Latvia, Macau, Mexico, Mongolia, Montenegro, the Netherlands, Nigeria, New Zealand, Poland, Russia, Romania, Serbia, Singapore, Slovakia, Slovenia, Taiwan, Tunisia, Turkey, the United Kingdom and the USA. The competition will be held at the Pedagogical University of Cracow, which co-organizes the competition together with the Polish Geographical Society.

Each team consists of four contestants aged between 16 and 19 and two adult team leaders, one of whom is a member of the jury of the International Geography Olympiad. As all participants are selected in national geography contests, holding a national competition is a prerequisite for entering the International Geography Olympiad.

The International Geography Olympiad comprises a written response test, fieldwork and a multi-media test. Questions are generally related to global matters and they much more frequently check practical skills than factual knowledge. The written response test contains a mix of open and half-open questions. Each task is accompanied by adequate source materials, such as tables with statistical data, diagrams, maps, photographs, etc., which facilitate the analysis and make it possible to provide the correct answer. The fieldwork is definitely the most difficult part of the competition. It consists of an outdoor and an indoor stage. At the first stage (cartography), the students are required to prepare e.g. an inventory, a land use map or a land profile on the basis of their own field observations and supplied materials. The second stage, which involves using analytical and decision-making skills, includes such tasks as interpreting maps and aerial photographs, analysing the data collected during the field stage, or drawing up proposals to develop the area.

The Olympiad is not limited to the competition. All participants are required to prepare and deliver a “cultural presentation” about their countries. This usually consists of singing, dancing or presenting folk costumes or items of broad cultural interest. They are additionally required to prepare a scientific poster before the competition. The poster has to address a topic selected by the Task Force, which will, in turn, be related to the theme of the next Conference or Congress of the International Geographical Union – this year the theme is: “Challenges of Contemporary Urban Areas.” The poster obviously has to concern their home country. It is then presented to the public and marked by all the participants.

During the Olympiad, the organisers are always keen to show the participants some geographical, historical and cultural attractions of the city and the region where the competition is held. For a vast majority of students, this is their first visit to a frequently completely different geographical and cultural environment, and in many cases, thousands of kilometres from home. During iGeo 2014, students and team leaders will have an opportunity to visit a number of places of interest in Southern Poland, including the Old Town in Kraków, the Jewish District of Kazimierz, Wieliczka Salt Mine, Pieniny Mountains National Park and the German Nazi Concentration and Extermination Camp in Auschwitz Birkenau.

After iGeo, an additional fieldtrip will be held for the participants wishing to visit other parts of Poland, including Łódź, Toruń, a medieval castle of the Teutonic Order in Malbork, the historical port city of Gdańsk and the neighbouring Sopot and Gdynia. A visit to the magnificent sand dunes on the Polish shore of the Baltic Sea is also planned. The excursion will end in Warsaw.

The text is based on the publication: Barwiński M., Sawicki T, Uroda J., 2014, *Poles in the International Geography Olympiad (iGeo)*, "Geographia Polonica" (2014), vol. 87, issue 2, IGIPIZ PAN, Warsaw.

For more information, tasks and results please visit www.igeo2014.pl

For more general information on iGeo, please go to www.geolympiad.org

iGeo Kraków 2014 Organisers:

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Professor Bolesław Domański
Dorota Dorochoń, M.Sc.
Dr. Małgorzata Kozłowska
Dr. Rafał Krocak
Professor Sławomir Kurek
Dr. Agnieszka Kwiatek-Sołtys
Professor Teresa Madeyska
Professor Roman Malarz

Professor Wiktor Osuch
Dr. Danuta Piróg
Dr. Monika Płaziak
Professor Zbigniew Podgóski
Dr. Tomasz Rachwał
Dr. Renata Rettinger
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iGeo Kraków 2014 volunteers:

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Paulina Janusz
Dominika Jasik
Małgorzata Kopek
Filip Matras

Jakub Mikrut
Ludmiła Mirzojan
Anna Miszczak
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Łukasz Słonka
Justyna Świniańska

Anna Szlachta
Katarzyna Tkaczuk
Agnieszka Uroda
Tomasz Winter

The theme of our conference is: **CHANGES, CHALLENGES, RESPONSIBILITY**

The world has entered the second decade of the 21st century confronted with serious environmental, social and economic problems. We can observe numerous **CHANGES** in both natural and human systems, significantly influencing the present and future well-being of societies. Apart from well-known links and interactions between the two system types, new ones emerge, e.g. unbalanced economic development not only causes environmental degradation, but also contributes to social and political problems that manifest themselves spatially.

Modern geography faces significant research **CHALLENGES** as its aim is to support citizens in better understanding the world we live in. Interdisciplinary research is gaining increasing importance as the best tool to combine the holistic approach with very advanced knowledge and techniques from particular branches of geography. Additionally, the results of the scientific activity are the subject of a public debate at the local, regional and global level, and they are involved in the process of shaping societies' awareness concerning environmental issues at the local, regional and global level.

One of the key tasks for modern geography seems to be helping citizens in realizing their **RESPONSIBILITY** for our world's future. Achieving that goal is connected, for example, with making research results better accessible to non-specialists. Life-long education is especially needed in the area of environmental sciences. However, it is still not sufficiently organized, even in the most developed countries.

The conference participants have responded to the conference theme by sending about 1,400 abstracts. The submissions came from 65 countries representing all continents. They fit perfectly in the considerations of **CHANGES** taking place in both natural and socio-economic environment, **CHALLENGES** resulting from them and **RESPONSIBILITIES** faced not only by the society or decision-makers, but by scientists as well. IGU 2014 in Kraków is therefore an excellent platform for discussion on both the transformation of the surrounding reality and the role of scientists in its explanation and creation.

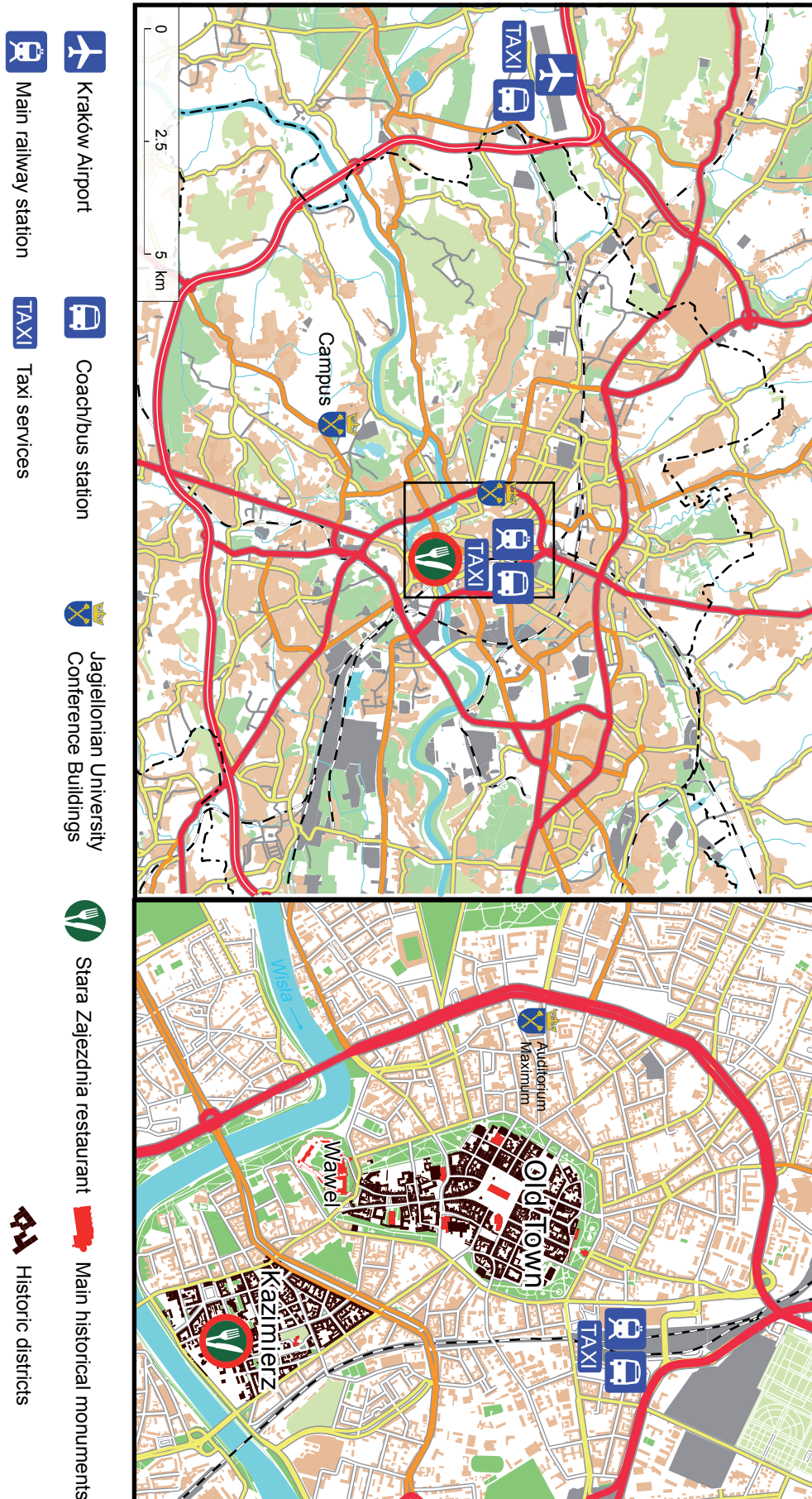
The conference discussion on the role of geography and geographers in the modern world will be initiated with an opening lecture by Professor Leszek Kosiński titled: Relevance of Geography. Then, on each conference day, one of the key conference theme words will be considered during plenary lectures. The directions and dynamics of **CHANGES** in the environment will be discussed during the plenary session on 19 August 2014. The lectures presented by Professor Virginie Duvat-Magnan and Professor Benno Werlen will draw attention to both traditional and new areas of changes which are of interest to geographers. The plenary lectures by Professor Zbigniew Kundzewicz and Professor Gideon Biger (a plenary session on 20 August 2014) will give an opportunity to exchange insights on contemporary **CHALLENGES**. They emphasize the role of both natural and social aspects of global issues with their strong local repercussions. An attempt to determine the **RESPONSIBILITY** of human kind for the observed changes (a plenary session on 21 August 2014) will be undertaken during the lectures by Professor Julie Winkler and Professor Andreas Faludi.

Kraków is a medieval town with a socialist period experience, which has to face the difficulties of the systemic transition and challenges of the globalization era. Both, the natural and historical conditions of its development, as well as rapidly changing contemporary realities, make it a perfect location for a meeting of geographers to discuss **CHANGES, CHALLENGES** and **RESPONSIBILITY**.

We do hope that the presentations of advanced knowledge and techniques by geographers from all over the world and the debates at the 2014 IGU Regional Conference held in Kraków will contribute to the development of better environmental, economic and social solutions for the future of different regions of our planet.

The conference will be held in Kraków at the Jagiellonian University, in two building complexes:

1. Auditorium Maximum of the Jagiellonian University, 33 Krupnicza St.
2. Campus of the 600th Anniversary of the Jagiellonian University Revival, 7 Gronostajowa St.



Auditorium Maximum of the Jagiellonian University:

- **Registration of the participants**, 18 Aug. 2014, 9 am –7 pm
- **Opening Ceremony**, 18 Aug. 2014, 1 pm –4 pm
- **Ice-breaker party**, 4 pm –7 pm



Auditorium Maximum of the Jagiellonian University

Campus of the 600th Anniversary of the Jagiellonian University Revival:

- **Registration of the participants**, 19-22 Aug. 2014
- **Conference sessions and workshops**, 19-22 Aug. 2014
- **Exhibition area**, 19-22 Aug. 2014
- **Closing Ceremony**, 22 Aug. 2014, 4-6 pm



The building of the Institute of Geography and Spatial Management

For details concerning the transport see section “How to get to the conference buildings” and the organization of the activities at the Campus is presented in the section “Practical information”.

Public transport

Krakow has a network of trams and buses operated by MPK:

<http://www.mpk.krakow.pl/en/>

Timetables and route maps are available at stops and at the webpage:

<http://www.mpk.krakow.pl/en/network-maps/>

Two bus lines (**208, 292**) connect the Krakow Airport with the main train and bus stations. Both the stations are located in a transport junction, in the city centre. The building of Auditorium Maximum, where the opening ceremony takes place on 18 August, is located close to "Czarnowiejska" bus stop of bus no. **208** and close to "AGH" bus stop of bus no. **292**. In order to get from the airport directly to the Campus, where conference sessions are held on 19-22 August, it is necessary to change bus lines:

- bus no. **208**: get off at "Czarnowiejska" stop and take bus no. **194** ("Czerwone Maki" direction)
- bus no. **292**: get off at "Cracovia Błonia" stop, walk further to "Cracovia" bus stop and take bus no. **194** ("Czerwone Maki" direction).

Trams No. **18** and **52** and bus No. **194** connect the city centre with the Campus of the 600th Anniversary of the Jagiellonian University Revival (Ruczaj tram/bus stop).

In order to get from the main train/bus station in the city centre to the conference buildings, it is necessary to leave the station following the signs "Old Town" or "City centre" and walk to Lubicz Street where "Dworzec Główny" [Main Railway Station] tram/bus stop is located. In order to go to:

• Auditorium Maximum of the Jagiellonian University:

take a tram, lines nos. **4, 14** ("Bronowice Małe" direction), **20** ("Cichy Kącik" direction) or bus no. **152** ("Olszanica" direction), and get off at the second stop: "Teatr Bagatela" (Bagatela Theatre); by the theatre, Krupnicza Street begins where the Auditorium Maximum is located; it is close to the city centre and the Old Town;

• Campus of the 600th Anniversary of the Jagiellonian University Revival:

take a tram: no. **52** ("Czerwone Maki" direction) and after about 20 minutes get off at "Ruczaj" tram stop. Then walk further along the tram line and turn right through the first entrance in a high green panel.

Tickets can be purchased from vending machines at stops and onboard (from a driver if the bus/tram has no ticket machine), or from new stands throughout the town. Ticket machines in the vehicles accept coins only. Tickets have to be validated on board. You must carry a ticket and present it in case of control. Ticket prices vary depending on the duration of travel and changes.

Single ticket from the airport (located outside the city borders): **PLN 4.00**

Single ticket within the city borders, valid for 20 minutes, changes permitted: **PLN 2.80**

Single ticket within the city borders, valid for 40 minutes if changing routes, unlimited duration if no changes are made: **PLN 3.80**

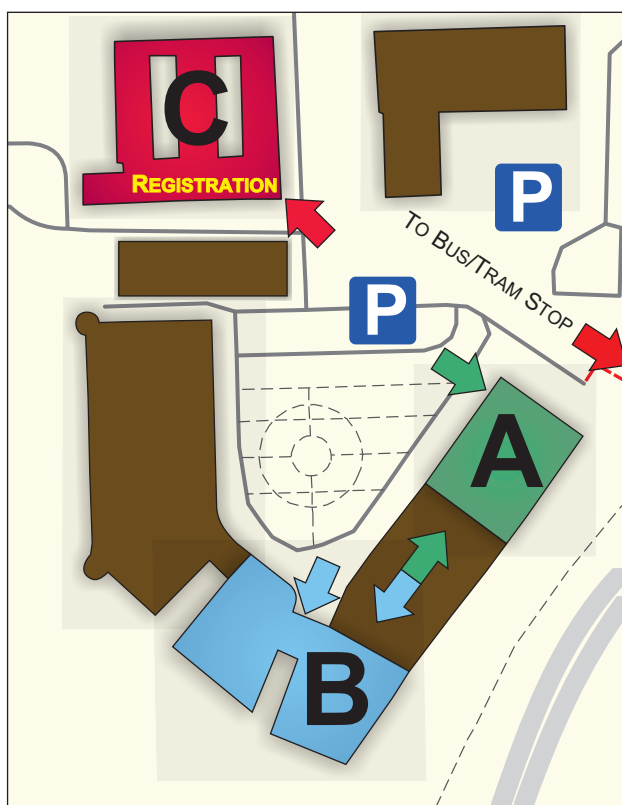
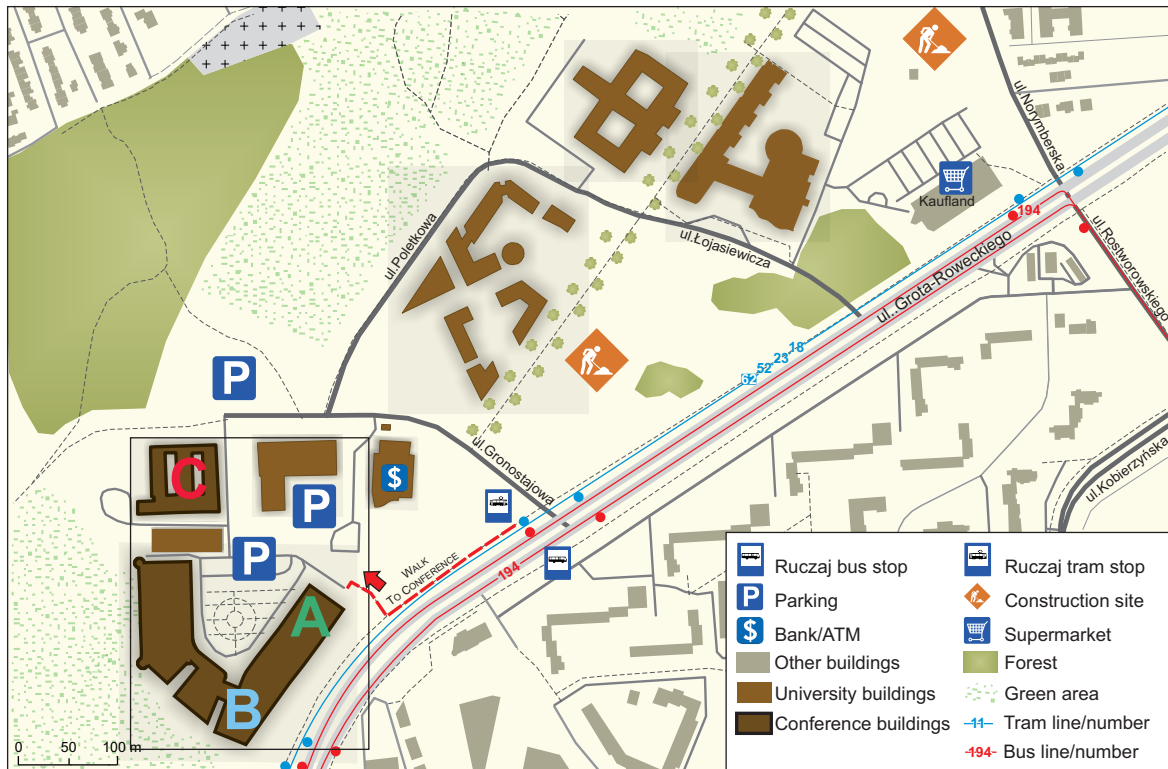
For more information about ticket prices see: <http://www.mpk.Kraków.pl/en/prices-of-tickets/>

By car

Kraków is located at the junction of A4 international motorway (going from the western border of Poland through Wrocław, Kraków and Rzeszów to the eastern border) and 7 national motorway (from Gdańsk at the Baltic Sea to Chyżne at the southern border of Poland). The Auditorium Maximum building is located in the city centre and it is recommended to get there with public transport. In the vicinity of Auditorium Maximum, some parking places are available, and from Monday to Friday, 10 a.m.–10 p.m., they are charged PLN 3 per hour. The Campus of the 600th Anniversary of the Jagiellonian University Revival is located in the south-western part of the city and the most convenient access is provided by A4 motorway, surrounding the city from the south (Sidzina-Skawina exit and then please take the "Centrum" direction to the north).

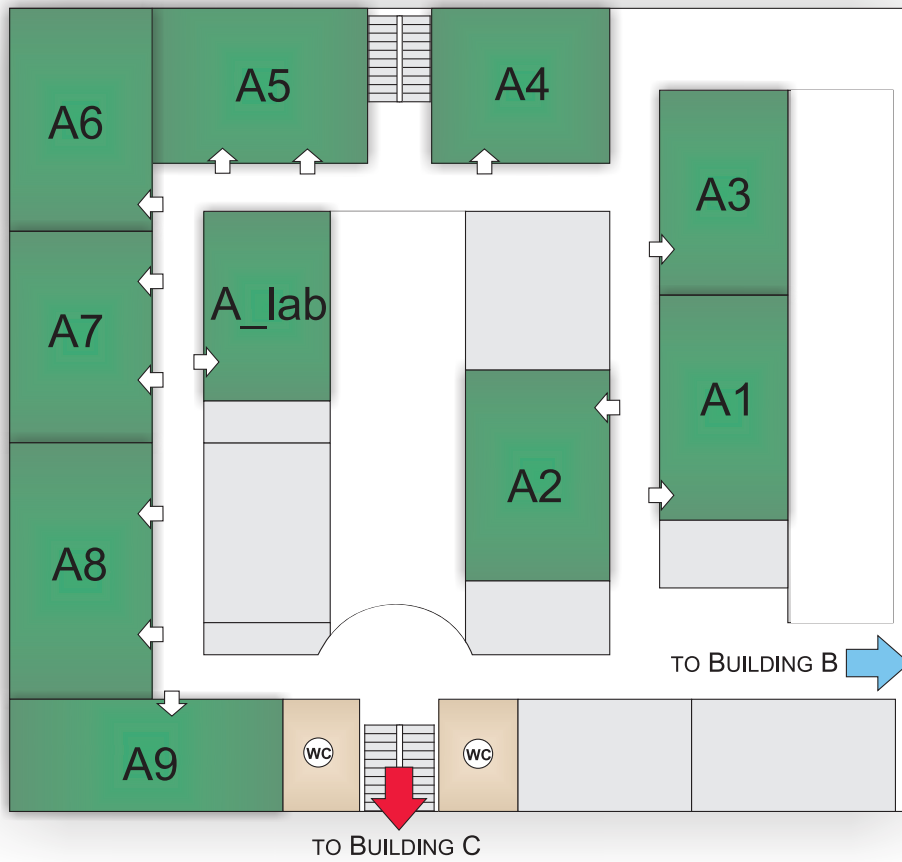
Conference buildings in the Campus of the 600th Anniversary of the Jagiellonian University Revival

The conference activities in the campus will be held in three buildings named A, B and C. Each building can be accessed from outside and additionally there is an internal connection between buildings A and B.

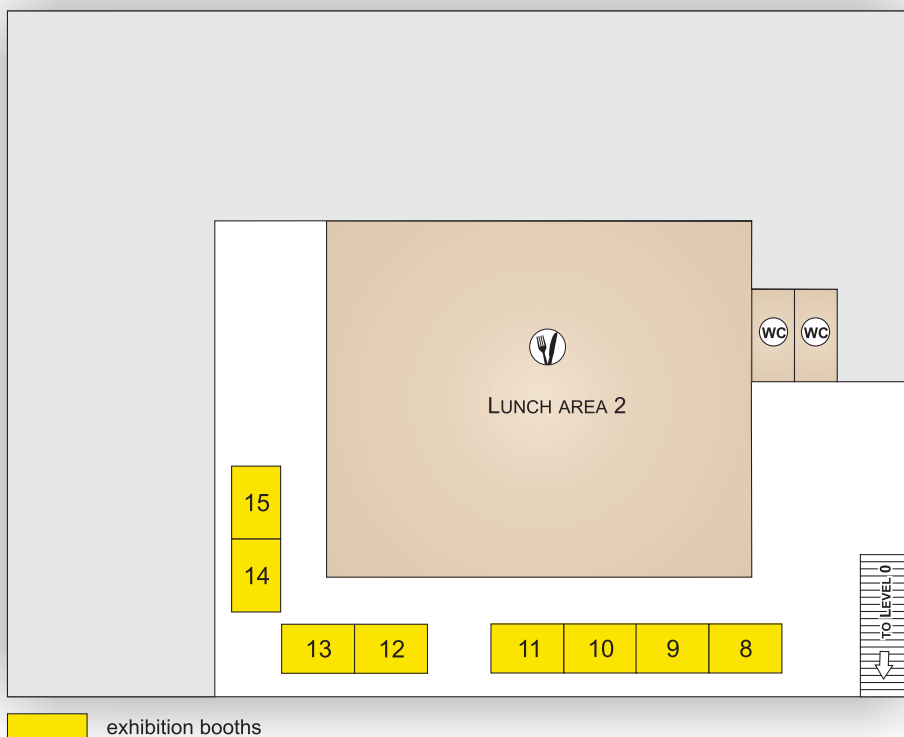


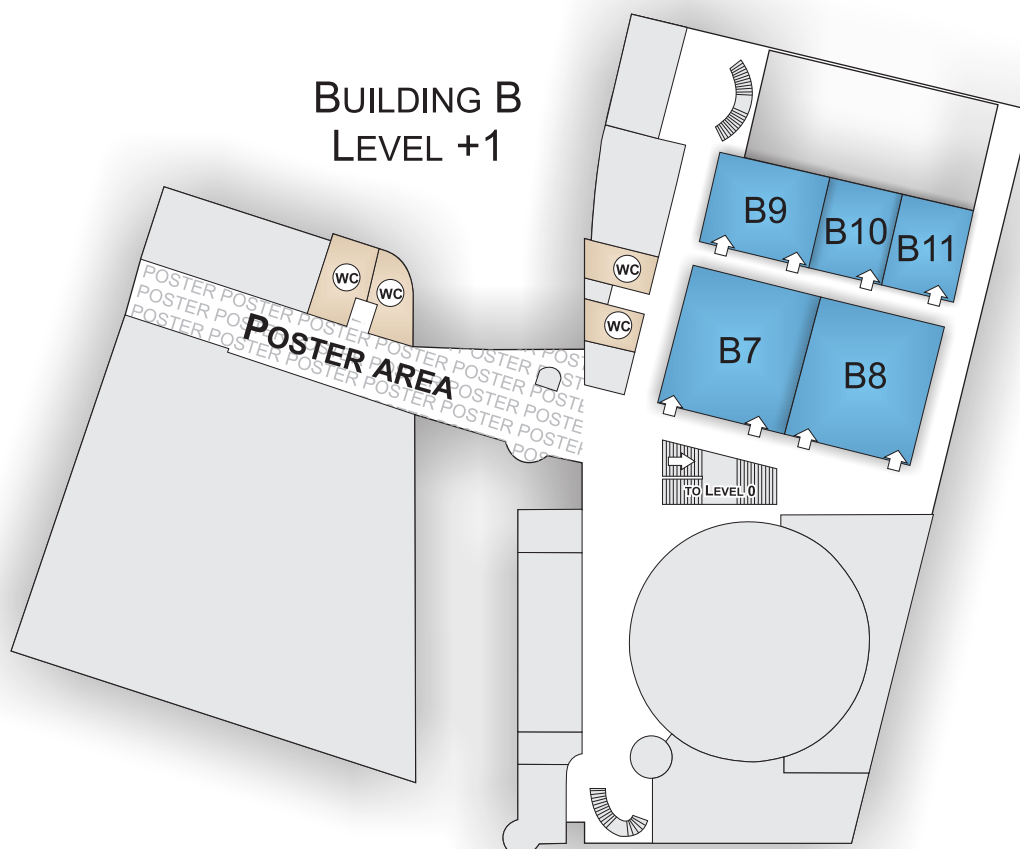
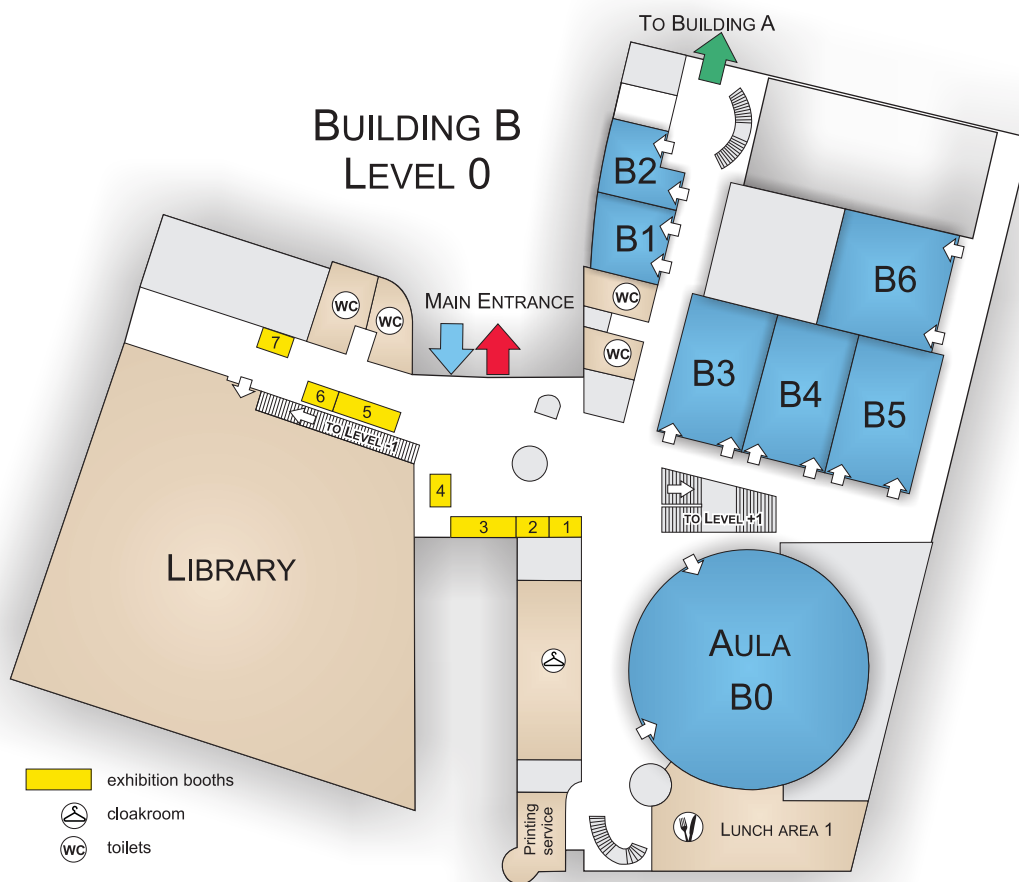
LOCATION OF THE CONFERENCE BUILDINGS

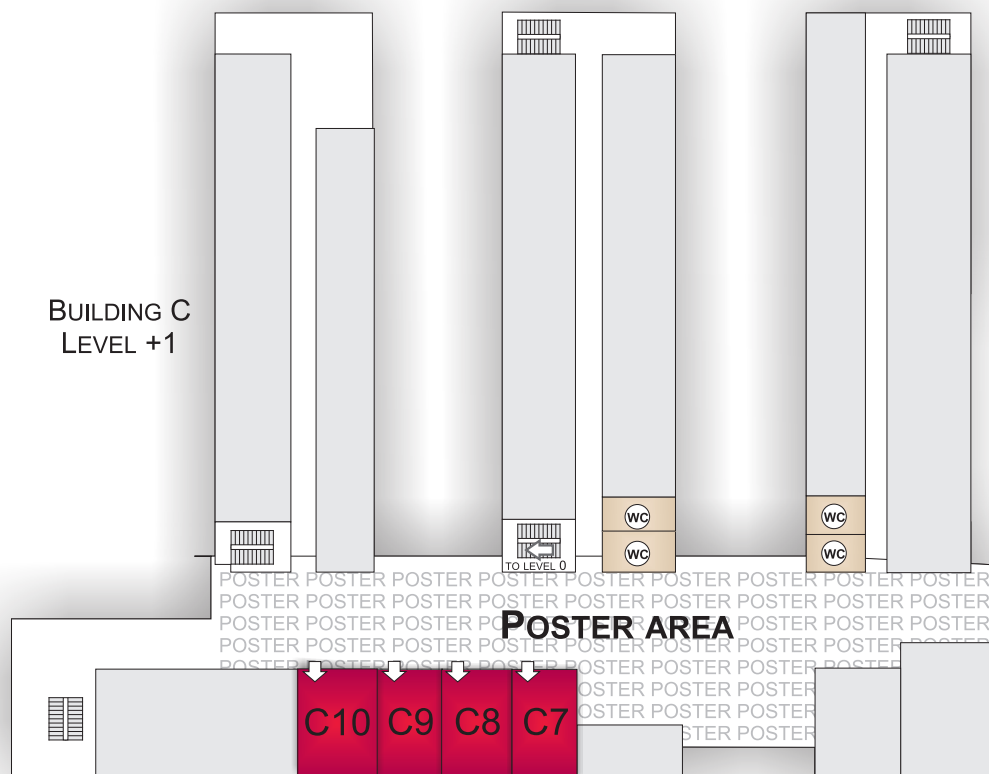
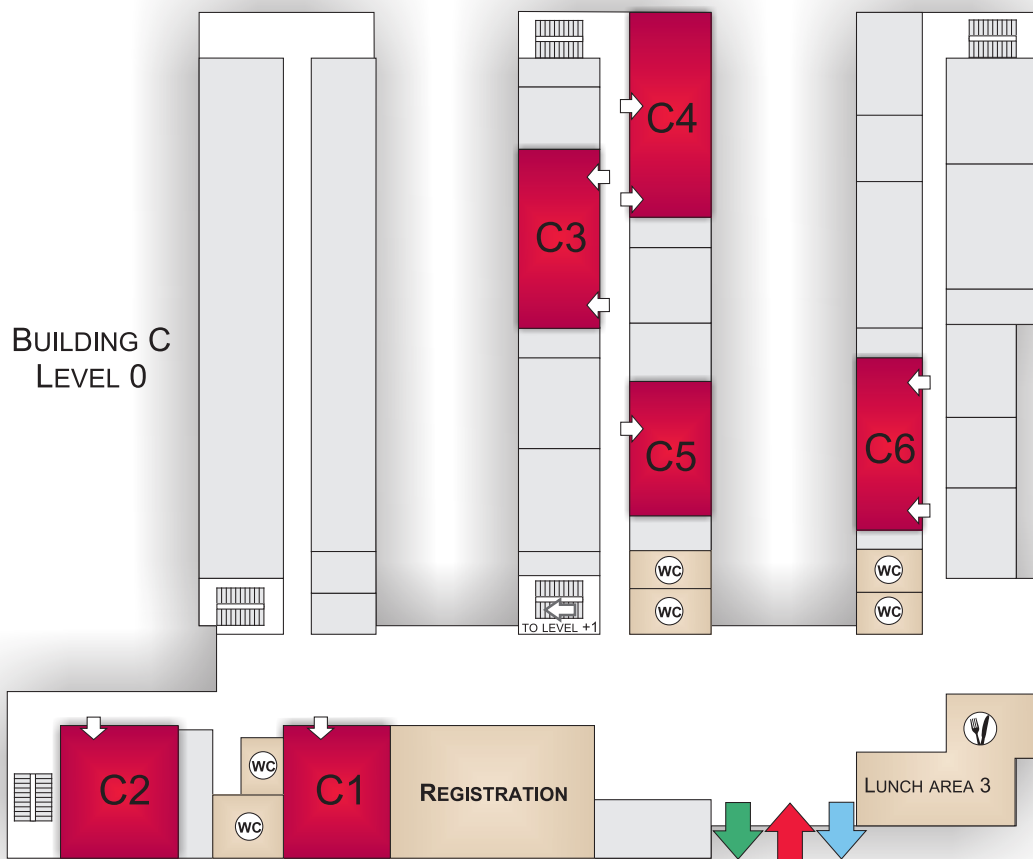
BUILDING A LEVEL 0



BUILDING B LEVEL -1







Registration desk

The registration desk will be open from Monday, 18 Aug., till Friday, 22 Aug.:

1. Monday: Auditorium Maximum, 33 Krupnicza Street, 9 am – 7 pm
2. Tuesday-Friday: Campus of the 600th Anniversary of the Jagiellonian University Revival, 7 Gronostajowa Street, Conference Building C, 8 am – 6 pm

In order to obtain the conference badge and conference materials, a valid ID document with a photograph of its holder must be presented to the registration staff.

Safety regulations

For safety reasons, entrance to the conference buildings is controlled and available **ONLY FOR THE PARTICIPANTS WITH CONFERENCE BADGES**. The badge is also required to enter the ice-breaker party, outdoor social event and Gala Dinner.

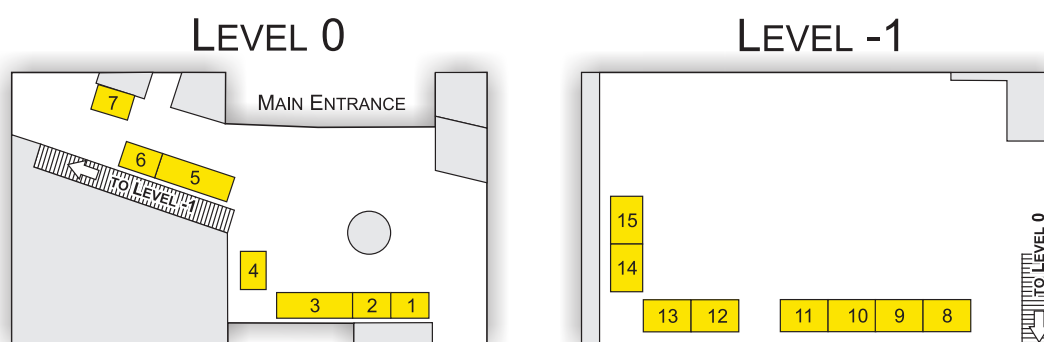
Medical care

Professional medical care is available for the participants in case of emergency during the conference hours. Please ask our volunteers for assistance.

Exhibition area

Exhibition booths are located in Conference Building B, at the level 0 and at level -1. The booths are open from Tuesday 19 Aug. to Friday 22 Aug., during the conference hours: 9 am – 6 pm

EXHIBITION AREAS IN BUILDING B



1. Institute of Urban Development, Kraków, Poland
2. Russian Geography Society
3. Springer, Germany
4. Japan IGU National Committee
5. Geographical Society of China
6. Association of American Geographers
7. Head Office of Geodesy and Cartography
8. Polish Geographical Society
9. Institute of Geography and Spatial Organization, Polish Academy of Sciences
10. Faculty of Geography and Regional Studies, University of Warsaw
11. Faculty of Earth Sciences, University of Silesia
12. Institute of Geography and Spatial Management, Jagiellonian University in Kraków
13. Institute of Geography, Pedagogical University, Kraków
14. Faculty of Geographical and Geological Sciences, Adam Mickiewicz University in Poznań
15. Faculty of Geographical Sciences, University of Łódź

Coffee and lunch areas

Coffee break areas are located in each conference building, in the halls by the lecture rooms. Lunch is served in three lunch areas:

1. Lunch area 1: Conference Building B, level 0
2. Lunch area 2: Conference Building B, level -1
3. Lunch area 3: Conference Building C, level 0

Coffee breaks are organized each day at 10:45-11:15 am and 3:30-4:00 pm. Lunch is served at 1-2 pm. Coffee break refreshments and lunches are provided only for the participants with conference badges.

Library

The library is located in conference building B on two levels (level 0 and level +1). It is open from 9 am to 4 pm and offers Internet access and space for individual work. It is prohibited to enter the library with large luggage or food.

Internet access

Wireless access to internet is provided in all conference buildings. Cable connection is available in the library.

Tourist information

Publications with tourist information will be available in each conference building, at information stands. Additionally, half-day and one-day trips offer will be available at the registration desk.

Cloakroom

The cloakroom service is available for the participants in Conference Building B at level 0.

Parking area

A large parking area is located in front of the entrance to the conference buildings, close to Conference Building C. A limited number of parking places are also available right in front of Conference Buildings A and B.

■ CONFERENCE PROGRAMME

■ Framework programme

18 August 2014, Monday

Venue: Auditorium Maximum of the Jagiellonian University, 33 Krupnicza Street

- | | |
|---------------|---|
| 9 am–7 pm: | Registration of the participants |
| 1 pm–3:30 pm: | Opening Ceremony of the Conference
Closing Ceremony of the International Geography Olympiad 2014
Plenary opening lecture: Prof. Leszek Kosiński, Relevance of Geography |
| 4 pm–7 pm: | Ice-breaker party |

Venue: Museum of the Jagiellonian University, Collegium Maius, 15 Jagiellońska Street

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|----------|--|
| 6:30 pm: | Opening ceremony of the exhibition "The Development of Geographical Ideas in Poland" (only for invited guests) |
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19 August 2014, Tuesday

Venue: Campus of the 600th Anniversary of the Jagiellonian University Revival, 7 Gronostajowa Street

8 am–6 pm:	Registration of the participants
9 am–6 pm:	Exhibition in Conference Building B, level 0 and -1
9 am–6 pm:	Poster exhibition in Conference Buildings B and C, level +1
9 am–10:45 am:	Conference sessions and workshops
10:45 am–11:15 am:	Coffee break
11:15 am–1:00 pm:	Conference sessions and workshops
1 pm–2 pm:	Lunch break
2 pm–3:30 pm:	Plenary session “Changes”:

Prof. Virginie Duvat-Magnan, Université de Rochelle-CNRS, France, *Environmental changes at the coast and related challenges for societies*

Prof. Dr. Benno Werlen, Executive Director of IYGU, Friedrich-Schiller-University of Jena, Germany, *2016 The UN International Year of Global Understanding (IYGU) – The UN International Year of Geography*

3:30 pm–4 pm:	Coffee break
4 pm–5:45 pm:	Conference sessions and workshops

Venue: Museum of the Jagiellonian University, Collegium Maius, 15 Jagiellońska Street

10 am–3 pm:	Opening hours of the Museum of the Jagiellonian University and the exhibition “The Development of Geographical Ideas in Poland”
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Venue: Stara Zajezdnia Restaurant, 12 Św. Wawrzyńca Street

7 pm–10 pm:	Outdoor social event
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20 August 2014, Wednesday

Venue: Campus of the 600th Anniversary of the Jagiellonian University Revival, 7 Gronostajowa Street

8 am–6 pm:	Registration of the participants
9 am–6 pm:	Exhibition in Conference Building B, level 0 and -1
9 am–6 pm:	Poster exhibition in Conference Buildings B and C, level +1
9 am–10:45 am:	Conference sessions and workshops
10:45 am–11:15 am:	Coffee break
11:15 am–1:00 pm:	Conference sessions and workshops
1 pm–2 pm:	Lunch break
2 pm–3:30 pm:	Plenary session “Challenges”:

Prof. Zbigniew Kundzewicz, Institute for Agricultural and Forest Environment, Polish Academy of Sciences, Poland, *Climate change, related challenges and responsibilities*

Prof. Gideon Biger, Department of Geography and Human Environment, Tel Aviv University, Israel, *The Challenge of Historical Geography and the geographical question of „Where is the Holy Land”?*

3:30 pm–4 pm:	Coffee break
4 pm–6:30 pm:	Conference sessions and workshops

Venue: Museum of the Jagiellonian University, Collegium Maius, 15 Jagiellońska Street

10 am–3 pm:	Opening hours of the Museum of the Jagiellonian University and the exhibition “The Development of Geographical Ideas in Poland”
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21 August 2014, Thursday

Venue: Campus of the 600th Anniversary of the Jagiellonian University Revival, 7 Gronostajowa Street

8 am– 6 pm:	Registration of the participants
9 am–6 pm:	Exhibition in Conference Building B, level 0 and -1
9 am–6 pm:	Poster exhibition in Conference Buildings B and C, level +1
9 am–10:45 am:	Conference sessions and workshops
10:45 am–11:15 am:	Coffee break
11:15 am–1:00 pm:	Conference sessions and workshops
1 pm–2 pm:	Lunch break
2 pm–3:30 pm:	Plenary session “Responsibility”:

Prof. Julie Winkler, Michigan State University, USA, *Embracing the Complexity and Uncertainty of Climate Change: Responsibilities for Geographers*

Prof. Andreas Faludi, Delft University of Technology, The Netherlands, *Place is a no-man’s land, so who is responsible?*

3:30 pm–4 pm:	Coffee break
4 pm–6:30 pm:	Conference sessions and workshops

Venue: Museum of the Jagiellonian University, Collegium Maius, 15 Jagiellońska Street

10 am–3 pm:	Opening hours of the Museum of the Jagiellonian University and the exhibition “The Development of Geographical Ideas in Poland”
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Venue: Wieliczka Salt Mine

5 pm–10 pm:	Gala Dinner
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22 August 2014, Friday

Venue: Campus of the 600th Anniversary of the Jagiellonian University Revival, 7 Gronostajowa Street

8 am–4 pm:	Registration of the participants
9 am–4 pm:	Exhibition in the conference building B, level 0 and -1
9 am–4 pm:	Poster exhibition in the conference buildings B and C, level +1
9 am–10:45 am:	Conference sessions and workshops
10:45 am–11:15 am:	Coffee break
11:15 am–1:00 pm:	Conference sessions and workshops
1 pm–2 pm:	Lunch break
2 pm–3:30 pm:	Plenary panel discussion session
3:30 pm–4 pm:	Coffee break
4 pm–6 pm:	Closing ceremony of the conference

Place: Museum of the Jagiellonian University, Collegium Maius, 15 Jagiellońska Street

10 am–3 pm:	Opening hours of the Museum of the Jagiellonian University and the exhibition “The Development of Geographical Ideas in Poland”
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■ Conference sessions

Conference sessions are organized in three Conference Buildings: A, B and C, located at the Campus of the 600th Anniversary of the Jagiellonian University Revival, 7 Gronostajowa Street.

The conference presentations are grouped into:

1. plenary sessions
2. oral conference sessions: sessions of the IGU Commissions and thematic sessions
3. poster exhibitions: posters contributing to the sessions of the IGU Commissions and to the thematic sessions

Plenary sessions

Plenary sessions are organized in such a way that they focus interdisciplinary discussions on the issues linked to the conference theme: CHANGES, CHALLENGES, RESPONSIBILITY. Invited speakers will present the selected key issues from various perspectives during three conference days. Plenary sessions are held in Conference Building B, in room B.0 (Aula), on Tuesday-Thursday (19-21 Aug. 2014), at 2 p.m.-3:30 p.m. There is no discussion after the plenary lectures, as on Friday, 22 Aug. 2014, a plenary discussion session will be organized in the same place and time slot to summarize the final outcomes of the conference.

Each plenary session is dedicated to one of the key words of the conference theme:

Tuesday, 19 August: Changes:

Prof. Virginie Duvat-Magnan, Université de Rochelle-CNRS, France, *Environmental changes at the coast and related challenges for societies*

Prof. Dr. Benno Werlen, Executive Director of IYGU, Friedrich-Schiller-University of Jena, Germany, 2016 *The UN International Year of Global Understanding (IYGU) – The UN International Year of Geography*

Wednesday, 20 August: Challenges:

Prof. Zbigniew Kundzewicz, Institute for Agricultural and Forest Environment, Polish Academy of Sciences, Poland, *Climate change, related challenges and responsibilities*

Prof. Gideon Biger, Department of Geography and Human Environment, Tel Aviv University, Israel, *The Challenge of Historical Geography and the geographical question of „Where is the Holy Land“?*

Thursday, 21 August: Responsibility:

Prof. Julie Winkler, Michigan State University, USA, *Embracing the Complexity and Uncertainty of Climate Change: Responsibilities for Geographers*

Prof. Andreas Faludi, Delft University of Technology, The Netherlands, *Place is a no-man's land, so who is responsible?*

Oral sessions

Oral sessions are organized in three Conference Buildings: A, B and C. Lecture rooms located in particular buildings are named accordingly: A1, A2, B1, B2 etc. On Tuesday and Thursday, the oral sessions are held in three time slots: 9:00-10:45 a.m., 11:15 a.m.-1:00 p.m. and 4:00-5:45 p.m. On Wednesday, the morning sessions are scheduled at 9:00-10:45 a.m. and 11:15 a.m.-1:00 p.m., but the afternoon session is longer and lasts until 6:30 p.m. On Friday, there are only two morning sessions.

An oral session can be composed of three, four or five presentations (except the Wednesday afternoon session, which may include more presentations). In case of three or four presentations taking place in one time slot, there are 20 minutes planned for each talk and a discussion is scheduled afterwards, at the end of the session. In case of five presentations in one time slot, there are 15 minutes planned for each talk and a 5-minute discussion immediately afterwards.

The files with presentations should be installed in the computers available in lecture rooms at least 30 minutes before the beginning of a particular session. The files should be delivered to the volunteers responsible for a given lecture room. It is recommended to install the presentations in advance to avoid any technical problems.

Poster exhibition

Posters are exhibited in two Conference Buildings: B and C, in the halls at level +1. Posters should not exceed the dimensions: 1.0 m (width) x 1.3 m (height). The material necessary for attaching the poster to the poster board will be available at the Facility Desks in the respective poster area.

Each poster may be exhibited only during one day. Authors are kindly requested to put up their posters on the day when a given poster session is scheduled as soon as possible (8 a.m.-9 a.m., but not in the evening before the scheduled display day), and to take them down between 6 p.m.-6:30 p.m. at the latest. After that time, the remaining posters will be disposed of by the conference staff, i.e. posters will not be stored anymore.

The chairpersons of particular sessions may decide to offer some time during oral presentations slots for short poster presentations.

■ Workshops

The conference workshops are organised in parallel to conference sessions. Only the registered conference attendees, who paid the conference fee, are entitled to take part in the workshops.

Workshops list:

- **Improving your presentation skills: a video-training workshop for young geographers**
Organisers: Joos Droogleever Fortuijn, Michael Solem, Joop van der Schee
Tuesday, 19.08.2014, room A1, 9 am -12:30 pm, 3:30 pm -7 pm
Wednesday, 20.08.2014, room A1, 9 am -12:30 pm, 3:30 pm -7 pm
- **„City without God”. Origin and changes of religious space new socialist and post-socialist cities**
Organisers: Elżbieta Biliska-Wodecka, Tomáš Havlíček, Katarzyna Kulczyńska, Justyna Liro, Izabela Sołjan
Wednesday, 20.08.2014, room A3, 9 am -1 pm, and Friday, 20.08.2014, a field trip, 2 pm -7 pm
- **Current trends in landscape fragmentation and connectivity assessment**
Organisers: Katarzyna Ostapowicz, Elżbieta Ziółkowska
Tuesday, 19.08.2014, room A lab_comp, 9 am - 4 pm
- **Ecosystem services concept in spatial planning**
Organisers: Ewelina Mocior, Agnieszka Nowak
Thursday, 21.08.2014, room A lab_comp, 4 pm - 8 pm

■ Social programme

Exhibition “The Development of Geographical Ideas in Poland” in the Museum of the Jagiellonian University

On the occasion of the Regional Conference of the International Geographical Union, which takes place in Kraków (18-22 August 2014), the Jagiellonian University Museum (Collegium Maius, 15 Jagiellońska Street) has arranged an exhibition titled „The Development of Geographical Ideas in Poland.” This is the first exhibition of that kind in Poland. The so-far undertakings, including those relating to the 14th IGU Congress in August 1934 in Warsaw, were limited to the presentation of cartographic achievements only. This exhibition is aimed at acquainting all the interested parties with the magnificent tradition of the Polish geography, dating back to medieval times. The main mission of our ancestors has always been to make the society realize how important and wonderful science geography is.

The introduction to the whole exhibition is a map being the basic geographer’s tool (Room 1). Room 2 is dedicated to the origins of the Polish geography and its development until the times of the Commission of



So-called Jagiellonian Globe of 1511 with the American continent marked for the very first time, Collections of the Jagiellonian University Museum

National Education. The beginnings of the modern Polish geography (Room 3) relate to the establishment of Poland's first Faculty of Geography (1849) at the Jagiellonian University by Wincenty Pol (1807-1872), which was Europe's second in the chronological order (after Berlin, 1820). After independence recovery at the end of 1918, sciences started to flourish. In the period of the Second Republic of Poland excellent geography schools were set up in the academic centres of Kraków, Lvov, Warsaw, Poznań and Vilnius (Room 4). Due to the importance of teaching geography in order to educate the society, a separate room is dedicated to school geography (Room 5). In addition, in order to enrich the exhibition covering the period until 1945, theme charts are displayed in the Professors' Garden. The period after the Second World War is covered by theme charts placed in Zaulek Estreichera [Estreicher's Recess]. The exhibition will be open from 18 August 2014 until 7 December 2014.

Visiting the exhibition

All participants obtain a ticket to enter the exhibition together with the conference materials. The Museum of the Jagiellonian University is located in the Old Town (15 Jagiellońska St.), close to the Main Market Square. The exhibition is open daily from 10 am to 3 pm

Website: http://www.uj.edu.pl/en_GB/universytet/muzea/collegium-maius

Ice-breaker party

Date: 18 August, Monday, 4-7 pm

Venue: Auditorium Maximum, 33 Krupnicza Street

The ice-breaker party will follow the Opening Ceremony and is available to all conference participants.

Outdoor social event

Date: 19 August, Tuesday, 7-10 pm

Venue: "Stara Zajezdnia" restaurant area, 12 Św. Wawrzyńca Street

Website: <http://www.starazajezdniakrakow.pl/>

The reception is an informal meeting, available to all the conference participants and an opportunity for better integration of the geographical community.

How to get there:

- Take tram no. 18 or 52 from "Ruczaj" tram stop and go towards the Old Town;
- Get off at "Stradom" tram stop;
- Turn right to Krakowska Street and walk to Wolnica Square;
- Turn left to Św. Wawrzyńca Street where the restaurant is located.



Gala Dinner

Date: 21 August, Thursday, 5 pm - 10 pm

Venue: Wieliczka Salt Mine

Website: www.kopalnia.pl

Cuisine: Polish

Style: sit-down meal

Dress code: smart casual; the air temperature in the salt mine chambers is about 14-16°C (57-61°F) and for the sightseeing tour, appropriate walking shoes are required.

The Gala Dinner will be held in one of the underground historical salt mine chambers of the Wieliczka Salt Mine Museum, located about 10 km south-east of Kraków. It is the only mining site in the world operating continuously since the Middle Ages, and it has been a UNESCO World Heritage Site since 1978. The chamber where the dinner will take place is named „Warszawa” (in English: Warsaw) and it is located 125 m underground. For the participants of the Gala Dinner, transport from the conference buildings to the Salt Mine will be provided. Before the dinner, a short sightseeing tour in an underground part of the museum will be offered (about 45 minutes).

Please note that the standard access to the underground part of the museum and “Warszawa” chamber is by walking. Disabled persons wishing to join the Gala Dinner are kindly asked to contact the Organizing Committee in advance in order to arrange appropriate facilities.



The Chapel of St. Kinga in the Wieliczka Salt Mine

Academic excursions

Two academic excursions are organized for the conference participants: one before the conference: Land degradation and reclamation in the Silesian Upland and the Polish Carpathians (14-17 August 2014) and another one after the conference: Central Poland (23-25 August 2014)

Land degradation and reclamation in the Silesian Upland and the Polish Carpathians

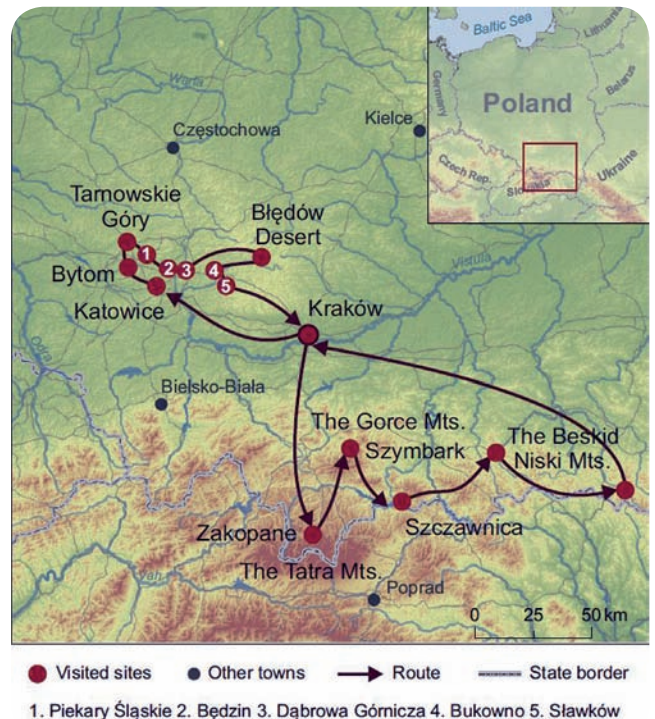
Destinations in Poland:

- 1st day: Kraków - Katowice (subsidence basin, waste heap) - Bytom (Segiet nature reserve) - Tarnowskie Góry (historic silver mine) - Piekary Śląskie (sanctuary)
- 2nd day: Będzin (medieval castle) – Dąbrowa Górnicza (anthropogenic lakeland) – Chechło (Błędy Desert) – Bukowno (the largest sandpit in Poland) - Sławków (old inn) – Jaworzno (GEOsfera - educational centre in a quarry)
- 3rd day: Kraków - Zakopane - Tatra Mountains National Park (high mountain environment under tourists' pressure) - Gorce Mountain Range (recent environmental changes due to the collapse of communism) - Krościenko-Szczawnica (balneological resort)
- 4th day: Krościenko-Szczawnica – Szymbark (soil erosion and landslide hazard) – Beskid Niski Mountain Range – (environmental changes related to displacement after II World War) – Kraków

Date: 14-17 August 2014

Organizers: Paweł Prokop, Polish Academy of Sciences, Branch Kraków, Renata Dulias, University of Silesia

Email: pawel@zg.pan.krakow.pl
rdulias@gmail.com



Central Poland

Destinations in Poland:

1st day: Kraków, Częstochowa (famous Pauline monastery of Jasna Góra), Brown Coal Mine in Belchatów, Tomaszów Mazowiecki

2nd day: Sulejów Reservoir, bunkers from the Second World War in Konewka, Spała

3rd day: Łódź (traditional textile industrial centre), Uniejów (spa with hot springs), Warsaw

Date: 23-25 August 2014

Organizer: Robert Wiluś, Univeristy of Łódź

Email: robwil@geo.uni.lodz.pl



One-day and half-day trips

Half-day trips (a guided tour in Kraków's Old Town and a guided tour in Nowa Huta district) and one-day trips (Wieliczka Salt Mine Tour, Ojcowski National Park and a Castle in Pieskowa Skała; a visit to Auschwitz-Birkenau Museum, Kalwaria Zebrzydowska, Wadowice and Lagiewniki) are available on a commercial basis and can be reserved and purchased at the conference registration desk (Conference Building C).

Monday, 18.08.2014

BUILDING A

room A9

Opening Ceremony and ice-breaker-party:

Auditorium Maximum of the Jagiellonian University, 33 Krupnicza St., 1 pm - 6 pm

	room A9
Time slot	9 - 10:45 am
Session:	Business meeting of IGU Commission C12.11 Geographical Education



BUILDING A

	room A lab_comp	room A1	room A2	room A3	room A4	room A5	room A6	room A7	room A8	room A9
	Workshop	Workshop								
Time slot	9 am-4 pm	9 am-12:30 pm	9 - 10:45 am							
Session:	Current trends in landscape fragmentation and connectivity assessment	Improving your presentation skills: a video-training workshop for young geographers - Group 1	C12.13 Geography of Governance - Geography, governance and citizens' participation 1	C12.19 Health and Environment - Health and Environment Change 1	C12.08 Dynamics of Economic Spaces - Complex relations between proximity, knowledge spillovers, innovation and development 1	C12.39 Urban Commission: Urban Challenges in a Complex World - Contested Social Spaces 1	C12.24 Land Degradation and Desertification - Land Degradation and Environmental Change 1	C12.08 Dynamics of Economic Spaces - Financial Geography 1	C12.15 Geography of Tourism, Leisure, and Global Change - Changing Dynamics of Tourism in Central Europe 1	C12.15 Geography of Tourism, Leisure, and Global Change / C12.33 Political Geography - Dark Tourism, Heritage and War
Chairperson(s):	Organisers: Katarzyna Ostapowicz, Elzbieta Ziolkowska	Organisers: Joos Droogleevers Fortuijn, Michael Solem, Joop van der Schee	Ján Buček	Wuyi Wang	Grzegorz Micek	Celine Rozenblat, Daniel O'Donoghue	Pawel Prokop, Paul Hudson	Dariusz Wójcik	Dieter Müller, Marek Więckowski	Carolin Funck, Tim Coles, Elena dell'Agnese

10:45 am - 11:15 am Coffee break

	11:15 am - 1 pm									
Time slot										
Session:		C12.13 Geography of Governance - Geography, governance and citizens' participation 2	C12.19 Health and Environment - Health and Environment Change 2	C12.08 Dynamics of Economic Spaces - Complex relations between proximity, knowledge spillovers, innovation and development 2	C12.39 Urban Commission: Urban Challenges in a Complex World - Dilemmas of Aging Cities 1	C12.24 Land Degradation and Desertification - Land Degradation and Environmental Change 2	C12.08 Dynamics of Economic Spaces - Financial Geography 2	C12.15 Geography of Tourism, Leisure, and Global Change - Changing Dynamics of Tourism in Central Europe 2	C12.29. Marginalization, Globalization, and Regional and Local Responses - Changing nature of globalization, marginalization and marginality: new challenges for understanding and responding 1: Marginalization from different perspectives	
Chairperson(s):		Ján Buček	Wuyi Wang	Grzegorz Micek	Celine Rozenblat, Daniel O'Donoghue	Pawel Prokop, Paul Hudson	Dariusz Wójcik	Dieter Müller, Marek Więckowski	Stanko Pelc	

1 pm - 2 pm Lunch break

2 -3:30 pm Plenary session

3:30 pm - 4 pm Coffee break

	3:30-7 pm	4 - 5:45 pm								
Time slot										
Session:	Improving your presentation skills: a video-training workshop for young geographers - Group 2	New perspectives in landscape fragmentation and connectivity assessment	Daily mobility in (new) inner-city areas	C12.06 Cold Region Environments - Arctic integrated geographical research and observation networks 1	C12.39 Urban Commission: Urban Challenges in a Complex World - Complex Urban Systems 1	C12.24 Land Degradation and Desertification - Land Degradation and Environmental Change 3	C12.08 Dynamics of Economic Spaces - Financial Geography 3	C12.15 Geography of Tourism, Leisure, and Global Change - Panel session: Publishing tourism geographies	C12.29. Marginalization, Globalization, and Regional and Local Responses - Changing nature of globalization, marginalization and marginality: new challenges for understanding and responding 2: Ethnic and deprived social groups and marginalization	
Chairperson(s):	Organisers: Joos Droogleevers Fortuijn, Michael Solem, Joop van der Schee	Katarzyna Ostapowicz, Elzbieta Ziolkowska	Dirk Heinrichs, Julia Jarass	Vlasova Tatiana, Doubleday Nancy	Celine Rozenblat, Daniel O'Donoghue	Pawel Prokop, Paul Hudson	Dariusz Wójcik	Dieter K. Muller	Stanko Pelc	

Tuesday, 19.08.2014

		BUILDING B												
		Poster exhibition	room B 0	room B 1	room B 2	room B 3	room B 4	room B 5	room B 6	room B 7	room B 8	room B 9	room B 10	room B 11
Time slot	9 am-5:45 pm		9 - 10:45 am											
Session:	Building B and Building C		C12.10 Gender and Geography - Bodies, Borders and Mobilities 1	C12.30 Mediterranean Basin - Climate change and its impacts on lives and activities in the Mediterranean Basin	C12.04 Climatology - Urban climates 1	C12.04 Climatology - Historical climatology 1	C12.11 Geographical Education - IGU, EUGEO and EUROGEO, a challenging network of Geographers in Education 1: International challenges	C12.11 Geographical Education - Changes, Challenges and Responsibility in the School Geography Curriculum 1 Status of geography in countries 1	C12.28 Local and Regional Development - Local and regional development in the rural space 1	C12.33 Political Geography - Political Geographies of society and nature	C12.26 Land Use and Land Cover Change - Land use changes in metropolitan areas			
Chairperson(s):			Claire Dwyer	Annick Douguédroit, Habib Ben Boubaker	Hadas Saaroni, Krzysztof Fortuniak	Rudolf Brazdil, Rajmund Przybylak	Joop van der Schee	Clare Brooks	Michael Sofer	Paul Reuber	Ivan Bičík			
10:45 am - 11:15 am Coffee break														
Time slot			11:15 am - 1 pm											
Session:			C12.10 Gender and Geography - Bodies, Borders and Mobilities 2	C12.35 Sustainability of Rural Systems - Heritage and Tourism for a Sustainable Territorial Development 1	C12.04 Climatology - Urban climates 2	C12.04 Climatology - Historical climatology 2	C12.11 Geographical Education - IGU, EUGEO and EUROGEO, a challenging network of Geographers in Education 2	C12.11 Geographical Education - Changes, Challenges and Responsibility in the School Geography Curriculum 2: Status of geography in countries 2	C12.28 Local and Regional Development - Local and regional development in the rural space 2	C12.33 Political Geography - Transforming political geographies in the 21st century: Case studies on local, national and global scale	C12.10 Gender and Geography: Feminist Participatory Methodologies: Creating Spaces of Inclusion? 1	C12.33 Political Geography - Contemporary conflicts and new/old forms of belligerence 1		
Chairperson(s):			Claire Dwyer	Irit Amit Cohen	Hadas Saaroni, Krzysztof Fortuniak	Rudolf Brazdil, Rajmund Przybylak	Joop van der Schee	Clare Brooks	Tony Sorensen	Paul Reuber	Martina Angela Carretta, Yvonne Riaño	Elena dell'Agnese		
1 pm - 2 pm	Lunch break				Special session by IGU Commission 12.10 Gender and Geography	1 - 2 pm: Business meeting of the IGU Commission 12.04 Climatology								
		Plenary session: Changes												
3:30 pm - 4 pm Coffee break														
Time slot			4 - 5:45 pm											
Session:			Religion and changes of socio-economic and cultural space of cities and regions 1	C12.35 Sustainability of Rural Systems - Heritage and Tourism for a Sustainable Territorial Development 2	C12.04 Climatology - Urban climates 3	C12.04 Climatology - Historical climatology 3	Geographic information technology in teaching - state-of-the-art at school and university	Geographical Education in the development of competence - challenges	C12.28 Local and Regional Development - Local and regional development in the rural space 3	History of geographical research in Central and Eastern Europe	C12.10 Gender and Geography: Feminist Participatory Methodologies: Creating Spaces of Inclusion? 2	C12.33 Political Geography - Contemporary conflicts and new/old forms of belligerence 2		
Chairperson(s):			OAntoni Jackowski, Elzbieta Biliska-Wodecka, Izabela Sołjan	Lucka Lorber	Hadas Saaroni, Krzysztof Fortuniak	Rudolf Brazdil, Rajmund Przybylak	Angela Hof, Stefanie Zecha	Bożena Wójtowicz, Mariola Tracz	Carmen Vázquez Varela	Antoni Jackowski, Leszek Starkel	Martina Angela Carretta, Yvonne Riaño	Elena dell'Agnese		

Tuesday, 19.08.2014

	Poster exhibition	BUILDING C									
		room C 1	room C 2	room C 3	room C 4	room C 5	room C 6	room C 7	room C 8	room C 9	room C 10
Time slot	9 am-5:45 pm	9 - 10:45 am									
Session:	Building B and Building C	C12.14 Geography of the Global Information Society - Information Society: Changes, Challenges, and Responsibility	C12.38 Transport and Geography - Geographical Impacts of Transport Investment and Transport Policy Change 1	Rapid response of geomorphic and hydrological systems in mountain regions to environmental change	C12.34 Population Geography - Migrations: internal. Spatial patterns and models 1	Demographic faces of cities in the developed and developing World 1	C12.03 Biogeography and Biodiversity - Climate Change and Dynamics of Mountain Ecosystems 1	C12.22 Islands - The Futures of Islands 1	Artists and the challenges of contemporary urban development 1: Artistic quarters	Inclusionary Youth Geographies: Changes, Challenges and Responsibilities 1	
Chairperson(s):		Mark Wilson	Richard Knowles	Thomas Parkner, David Morche	Alina Potrykowska	Daniela Szymańska, Jadwiga Biegańska	Udo Schickhoff, Suraj Mal	Maciej Jędrusik	Jarosław Działek, Monika Murzyn-Kupisz	Fiona M. Smith, Matej Blazek, Kathrin Hörschelmann	
10:45 am - 11:15 am Coffee break											
Time slot		11:15 am - 1 pm									
Session:		C12.14 / C12.07 / C12.15 / C12.39 / C12.30 / Mega Event Planning Research Group, Michigan State University - Mega Event Planning: Culture Capitals, Place and Identity	C12.38 Transport and Geography - Geographical Impacts of Transport Investment and Transport Policy Change 2	Remote sensing in environmental studies 1	C12.34 Population Geography - Migrations: internal. Spatial patterns and models 2	Demographic faces of cities in the developed and developing World 2	C12.03 Biogeography and Biodiversity - Climate Change and Dynamics of Mountain Ecosystems 2	C12.22 Islands - The Futures of Islands 2	Artists and the challenges of contemporary urban development 2: Artistic interventions	Inclusionary Youth Geographies: Changes, Challenges and Responsibilities 2	
Chairperson(s):		Benno Werlen, Mark Wilson	Yves Boquet	Bogdan Zagajewski, Anna Jarościńska	Alina Potrykowska	Daniela Szymańska, Jadwiga Biegańska	Udo Schickhoff, Suraj Mal	Maciej Jędrusik	Jarosław Działek, Monika Murzyn-Kupisz	Fiona M. Smith, Matej Blazek, Kathrin Hörschelmann	
1 - 2 pm Lunch break											
2 - 3:30 pm Plenary session											
3:30 - 4 pm Coffee break											
Time slot		4 - 5:45 pm									
Session:		C12.14 / C12.07 / C12.15 / C12.39 / C12.30 / Mega Event Planning Research Group, Michigan State University - Mega Event Planning: Urban Impacts and Legacies	C12.38 Transport and Geography - Geographical Impacts of Transport Investment and Transport Policy Change 3	Remote sensing in environmental studies 2	C12.34 Population Geography - Migrations: international. Spatial patterns and models 1	Global retail corporations and their regional impact	C12.03 Biogeography and Biodiversity - Biogeographical Distributions, Gradients, Disturbances: The Indian Subcontinent in Focus	C12.22 Islands - The Futures of Islands 3	C12.30 Mediterranean Basin - Ethnic minorities, structures of mobility in a global reality	Inclusionary Youth Geographies: Changes, Challenges and Responsibilities 3	Business meeting of the IGU Commission 12.19. Health and Environment
Chairperson(s):		Valerie Viehoff, Mark Wilson	Andrew Goetz	Bogdan Zagajewski, Anna Jarościńska	Alina Potrykowska	Ulrich Jürgens, Tomasz Kaczmarek	R.B. Singh, Udo Schickhoff	Maciej Jędrusik	Maria Paradiso, Izhak Schnell	Fiona M. Smith, Matej Blazek, Kathrin Hörschelmann	
								6 - 7 pm			
								Business meeting of the IGU Commission 12.22 Islands			

Wednesday, 20.08.2014

BUILDING A										
	room A lab_comp	room A1	room A2	room A3	room A4	room A5	room A6	room A7	room A8	room A9
		Workshop		Workshop						
Time slot		9 am -12:30 pm			9 - 10:45 am					
Session:		Improving your presentation skills: a video-training workshop for young geographers - Group 3	C12.13 Geography of Governance - Geography, governance and citizens' participation 3	„City without God”. Origin and changes of religious space new socialist and post-socialist cities - Part 1 (Part 2 on Friday)	C12.06 Cold Region Environments - Arctic integrated geographical research and observation networks 2	C12.08 Dynamics of Economic Spaces - Financial Geography 4	C12.08 Dynamics of Economic Spaces - Relocation of economic activity: local, regional and global dimensions 1	C12.08 Dynamics of Economic Spaces - Creative industries - a driver of new spatial dynamics?: Rethinking the concepts of creative spaces and the creative class	C12.17 Global Change and Human Mobility - New approaches to migratory policies in a mobile world	C12.15 Geography of Tourism, Leisure, and Global Change - Tourism and Regional Development: Governance, partnerships, communities
Chairperson(s):		Organisers: Joos Droogleever Fortuijn, Michael Solem, Joop van der Schee	Ján Buček	Organisers: Elzbieta Bińska-Wodecka, Tomáš Havlíček, Katarzyna Kulczyńska, Justyna Liro, Izabela Soljan	Vlasova Tatiana, Doubleday Nancy	Dariusz Wójcik	Magdalena Dej	Tadeusz Stryjakiewicz	Josefina Dominguez Mujica	Dieter K. Müller, Tim Coles
10:45 am -11:15 am Coffee break										
Time slot			11:15 am - 1 pm		11:15 am - 1 pm					
Session:			C12.27 Latin American Studies - Anthropeography: Heritage, tourism and history / Public policy and land management		C12.07 Cultural Approach in Geography - Landscape Changes and Responsibilities in East Asia 1	C12.08 Dynamics of Economic Spaces - The geography of 'greening the economy' – restructuring, knowledge, networks and discourse 1	C12.08 Dynamics of Economic Spaces - Relocation of economic activity: local, regional and global dimensions 2	C12.08 Dynamics of Economic Spaces - Creative industries - a driver of new spatial dynamics?: Creative firms and networks: origin, growth dynamics and development factors	C12.15 Geography of Tourism, Leisure, and Global Change - Geographies of heritage and cultural tourism 1	C12.15 Geography of Tourism, Leisure, and Global Change - Geographies of heritage and cultural tourism / Tourism and Regional Development: Senses, feelings, emotions
Chairperson(s):			Juan Manuel Delgado Estrada		Je-Hun Ryu, Shangyi Zhou	Brita Hermelin, Margareta Dahlström	Bolesław Domański	Caroline Chapain	Carolin Funck, Jie Zhang	Dieter K. Müller, Tim Coles, Carolin Funck, Jie Zhang
1 - 2 pm Lunch break										
2 - 3:30 pm Plenary session										
3:30 - 4 pm Coffee break										
Time slot		3:30-7 pm	4 -6 pm		4 -6 pm					
Session:		Improving your presentation skills: a video-training workshop for young geographers - Group 4	C12.27 Latin American Studies - Geography of Latin American cities		C12.07 Cultural Approach in Geography - Landscape Changes and Responsibilities in East Asia 2	C12.08 Dynamics of Economic Spaces - The geography of 'greening the economy' – restructuring, knowledge, networks and discourse 2	C12.10 Gender and Geography / C12.15 Geography of Tourism, Leisure, and Global Change - Gender and tourism	C12.08 Dynamics of Economic Spaces - Creative industries - a driver of new spatial dynamics?: Pathways towards creative cities	C12.15 Geography of Tourism, Leisure, and Global Change - Geographies of heritage and cultural tourism 2	C12.10 Gender and Geography - Surviving and Thriving as a Woman Geographer: Panel session with short introductory presentations
Chairperson(s):		Organisers: Joos Droogleever Fortuijn, Michael Solem, Joop van der Schee	Juan Manuel Delgado Estrada		Je-Hun Ryu, Shangyi Zhou	Brita Hermelin, Margareta Dahlström	Janet Molsen, Alison Gill	Michał Męczyński	Carolin Funck, Jie Zhang	Janice Monk
Time slot				6 - 8 pm						6 - 8 pm
				General Assembly of the European Association of Geographical Societies						Business meeting of IGU Commission 12.10 Gender and Geography

Wednesday, 20.08.2014

		BUILDING B												
		Poster exhibition	room B 0	room B 1	room B 2	room B 3	room B 4	room B 5	room B 6	room B 7	room B 8	room B 9	room B 10	room B 11
Time slot	9 am-5:45 pm		9 - 10:45 am											
Session:	Building B and Building C		C12.19 Health and Environment - Health and Health Care 1	C12.35 Sustainability of Rural Systems - Farming in Peri-Urban Areas and Rural-Urban Interactions	C12.04 Climatology - Urban climates 4	C12.04 Climatology - Climate modelling / GIS and remote sensing methods in atmospheric sciences	C12.11 Geographical Education - Changes, Challenges and Responsibility in the School Geography Curriculum 3: Curriculum and teacher views	C12.36 Toponymy – Geographical aspects of place names: Cultural-geographical approaches	C12.28 Local and Regional Development - Local and regional development in the urban space 1	C12.33 Political Geography - Political geographies of multilingualism 1: Demographics and Ethnicities	C12.20 / C12.33 - What (political) geography ought to be? Theoretical approaches to and historical perspectives on geography and geopolitics as instruments of peace 1	C12.30 Mediterranean Basin - Mediterranean changes and challenges	Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 1	
Chairperson(s):		Mark Rosenberg	Frans Thissen	Hadas Saaroni, Krzysztof Fortuniak	Joanna Wibig, Ole E. Iweito, Agnieszka Wypych	Clare Brooks	Peter Jordan	Ellen Banzhaf	Virginie Mamadouh	Elena dell'Agnese, Toshiyuki Shimazu	Maria Paradiso	Eyüp Artvinli, Danuta Piróg		
10:45 am - 11:15 am Coffee break														
Time slot			11:15 am - 1 pm											
Session:			C12.19 Health and Environment - Health and Health Care 2	C12.35 Sustainability of Rural Systems - Societies in Transition – evidences of changes in values and expectations	C12.04 Climatology - Weather and climate extremes 1	C12.04 Climatology - Climate change and variability impacts 1	C12.11 Geographical Education - Changes, Challenges and Responsibility in the School Geography Curriculum 4 Environmental issues / Curriculum issues	C12.11 Geographical Education - Changing practices in geography education: meeting the challenges of the future 1: Innovation in Curriculum 1	C12.28 Local and Regional Development - Local and regional development in the urban space 2	C12.33 Political Geography - Political geographies of multilingualism 2: Boundary making	C12.20 / C12.33 - What (political) geography ought to be? Theoretical approaches to and historical perspectives on geography and geopolitics as instruments of peace 2	C12.30 Mediterranean Basin / C12.39 Urban Commission: Urban Challenges in a Complex World - Urban Challenges for Mediterranean and Gulf Cities	Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 2	
Chairperson(s):		Mark Rosenberg	Anna Firmino, Jerzy Bański	Stefan Broennimann, Zbigniew Ustrnul	Julie A. Winkler, Krzysztof Błażejczyk	Clare Brooks	John Lidstone	Carmen Vázquez	Virginie Mamadouh	Elena dell'Agnese, Toshiyuki Shimazu	Maria Paradiso, Maria Jose Pineira	Eyüp Artvinli, Danuta Piróg		
1 - 2 pm Lunch break			Meeting of the IGU Commissions Chairpersons											
		Plenary session: Changes												
3:30 - 4 pm Coffee break														
Time slot			4 - 6 pm											
Session:			C12.19 Health and Environment - Health and Health Care 3	C12.34 Population Geography - Education migration within and across the global world	C12.04 Climatology - Atmospheric circulation in different scales	C12.04 Climatology - Polar and mountain climates	C12.18 Hazard and Risk - Government and Academic Initiatives and Partnerships on Reduction of Risks from Natural Hazards and Adaptation to Climate Change	C12.11 Geographical Education - Changing practices in geography education: meeting the challenges of the future 2: Innovation in Curriculum 2	C12.28 Local and Regional Development - Local and regional development in the rural space 4	C12.33 Political Geography - Political geographies of multilingualism 3: Policies and Politics	C12.31 Modeling Geographical Systems - Spatial Analysis and Spatial Econometrics	C12.14 Geography of the Global Information Society / C12.30 Mediterranean Basin - Mediterranean Internet Culture	Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 3	
Chairperson(s):		Mark Rosenberg	Darren Smith	Zbigniew Ustrnul, Jun Matsumoto	Rajmund Przybylak, Tadeusz Niedźwiedz	Doracie B. Zoleta-Nantes	John Lidstone	Konrad Czapiewski	Virginie Mamadouh	Yee Leung	Maria Paradiso, Mark Wilson	Eyüp Artvinli, Danuta Piróg		

Wednesday, 20.08.2014

		BUILDING C									
		room C 1	room C 2	room C 3	room C 4	room C 5	room C 6	room C 7	room C 8	room C 9	room C 10
	Poster exhibition										
Time slot	9 am-5:45 pm	9 - 10:45 am									
Session:	Building B and Building C	C12.14 Geography of the Global Information Society - Information Society: Broadband Development and Governance	C12.38 Transport and Geography - Transformation of Transport Systems in Central and Eastern Europe 1	Business meeting of IGU Commission 12.29 Marginalization, Globalization, and Regional and Local Responses	Floods in mountain environments 1	C12.34 Population Geography - Spatial patterns of fertility 1	C12.03 Biogeography and Biodiversity - Linking Biogeography and Society 1	Geomorphometry of landforms in different landscape zones 1	C12.39 Urban Commission: Urban Challenges in a Complex World - Creating Sustainability 1	C12.39 Urban Commission: Urban Challenges in a Complex World - Urbanization and functions of cities in post-socialist countries 1	C12.26 Land Use and Land Cover Change - Historical/dynamic changes of land use
Chairperson(s):		Mark Wilson	Zbigniew Taylor		Zbigniew Kundzewicz, Markus Stoffel, Bartłomiej Wyzga, Virginia Ruiz-Villanueva	Sławomir Kurek	Kazuharu Mizuno, Udo Schickhoff	Zbigniew Zwołński, Francis Harvey	Celine Rozenblat, Daniel O'Donoghue	Daniela Szymańska, Beata Hołowiecka, Celine Rozenblat	Ivan Bičík
10:45 am - 11:15 am Coffee break											
Time slot		11:15 am - 1 pm									
Session:		C12.14 Geography of the Global Information Society - Information Society: ICT Applications	C12.38 Transport and Geography - Transformation of Transport Systems in Central and Eastern Europe 2	C12.15 Geography of Tourism, Leisure, and Global Change / C12.29. Marginalization, Globalization, and Regional and Local Responses - Tourism and marginality - local initiatives shaped by global trends	Floods in mountain environments 2	C12.34 Population Geography - Spatial patterns of fertility 2	C12.03 Biogeography and Biodiversity - Linking Biogeography and Society 2	Geomorphometry of landforms in different landscape zones 2	C12.39 Urban Commission: Urban Challenges in a Complex World - Creating Sustainability 2	C12.39 Urban Commission: Urban Challenges in a Complex World - Urbanization and functions of cities in post-socialist countries 2	C12.26 Land Use and Land Cover Change -Landscape (re)construction
Chairperson(s):		Mark Wilson	Richard Knowles	Dieter K. Muller, Stanko Pelc	Zbigniew Kundzewicz, Markus Stoffel, Bartłomiej Wyzga, Virginia Ruiz-Villanueva	Sławomir Kurek	Kazuharu Mizuno, Udo Schickhoff	Zbigniew Zwołński, Francis Harvey	Celine Rozenblat, Daniel O'Donoghue	Daniela Szymańska, Beata Hołowiecka, Celine Rozenblat	Ivan Bičík
1 - 2 pm Lunch break											
2 - 3:30 pm Plenary session											
3:30 - 4 pm Coffee break											
Time slot		4 - 6 pm									
Session:		C12.14 Geography of the Global Information Society - Information Society: Health, Safety and Quality of Life	C12.38 Transport and Geography - Transformation of Transport Systems in Central and Eastern Europe 3		Floods in mountain environments 3	C12.34 Population Geography - Reurbanization in Europe - Comparing Trends and Driving Factors	Business meeting of IGU Commission 12.03 Biogeography and Biodiversity	C12.12 Geographical Information Science - GIScience and GIS: Changing Approaches, Challenging Problems, Responsible Science	C12.39 Urban Commission: Urban Challenges in a Complex World - Complex Urban Systems 2	C12.39 Urban Commission: Urban Challenges in a Complex World - Urbanization and functions of cities in post-socialist countries 3	C12.39 Urban Commission: Urban Challenges in a Complex World - The place and role of small towns in complex urban systems 1
Chairperson(s):		Mark Wilson	Zbigniew Taylor		Zbigniew Kundzewicz, Markus Stoffel, Bartłomiej Wyzga, Virginia Ruiz-Villanueva	Paul Gans		Francis Harvey, Jacek Kozak	Celine Rozenblat, Daniel O'Donoghue	Daniela Szymańska, Beata Hołowiecka, Celine Rozenblat	Agnieszka Kwiatek-Softys

Thursday, 21.08.2014

BUILDING A										
	room A lab_comp	room A1	room A2	room A3	room A4	room A5	room A6	room A7	room A8	room A9
		Workshop		Workshop						
Time slot		9 am -12:30 pm	9 - 10:45 am							
Session:		Religion and changes of socio-economic and cultural space of cities and regions 2		12.17 Global Change and Human Mobility - Rethinking the concept of human mobility: new theoretical advances 1	C12.07 Cultural Approach in Geography - Cultural Approach to Technology and Digital Geomedia 1	C12.10 Gender and Geography - Feminist Approaches to Research: A Critical Review	C12.15 Geography of Tourism, Leisure, and Global Change - Tourism and Regional Development (Tourism Development in Natural Environments / Post-socialist perspectives)	C12.08 Dynamics of Economic Spaces - Creative industries - a driver of new spatial dynamics?: Creative industries and the post-socialist transformation: current trends and resilience to crisis	C12.15 Geography of Tourism, Leisure, and Global Change - Urban Tourism Geographies 1	Takeovers and Acquisitions by Foreign Investors - Implementation, Local Impacts, and Perception
Chairperson(s):		Lucyna Przybylska		Barbara Staniscia	Tilo Felgenhauer	Shirlena Huang	Dieter K. Müller, Tim Coles	Krzysztof Stachowiak	Anne-Marie d'Hautserre	Martin Franz, Martina Fuchs, Sebastian Henn
10:45 am - 11:15 am Coffee break										
Time slot		11:15 am - 1 pm	11:15 am - 1 pm							
Session:		Religion and changes of socio-economic and cultural space of cities and regions 3		C12.17 Global Change and Human Mobility - Rethinking the concept of human mobility: new theoretical advances 2	C12.07 Cultural Approach in Geography - Cultural Approach to Technology and Digital Geomedia 2	Urban agriculture in the neoliberal city 1	C12.15 Geography of Tourism, Leisure, and Global Change - Tourism and Regional Development (Post-socialist perspectives)	C12.08 Dynamics of Economic Spaces - Emerging Economic Spaces 1	C12.15 Geography of Tourism, Leisure, and Global Change - Urban Tourism Geographies 2	C12.15 Geography of Tourism, Leisure, and Global Change - Tourism, Sustainability and Global Change 1: Tourism and Climate Change
Chairperson(s):		Tomas Havlicek		Barbara Staniscia	Tilo Felgenhauer	Sandrine Baudry, Ségolène Darty, Johan Milian	Dieter K. Müller, Tim Coles	Neil Reid	Anne-Marie d'Hautserre	Sanette Ferreira, Dieter K. Müller
1 - 2 pm Lunch break										
2 - 3:30 pm Plenary session										
3:30 - 4 pm Coffee break										
Time slot		4 - 8 pm	4 - 5:45 pm							
Session:		The ecosystem services concept in spatial planning	C12.35 Sustainability of Rural Systems - Food Chains and the 3 S (Sovereignty, Safety and Sustainability)		C12.07 Cultural Approach in Geography / C12.14 Geography of the Global Information Society - Digital Culture and the Digital Revolution	Urban agriculture in the neoliberal city 2		C12.08 Dynamics of Economic Spaces - Emerging Economic Spaces 2		C12.15 Geography of Tourism, Leisure, and Global Change - Tourism, Sustainability and Global Change 2: Tourism and Sustainable: Tourism and Sustainable Development
Chairperson(s):		Organisers: Ewelina Mocior, Agnieszka Nowak	Serge Schmitz		Je-Hun Ryu, Shangyi Zhou	Sandrine Baudry, Ségolène Darty, Johan Milian		Neil Reid		Sanette Ferreira, Dieter K. Müller

Thursday, 21.08.2014

		BUILDING B											
Poster exhibition		room B 0	room B 1	room B 2	room B 3	room B 4	room B 5	room B 6	room B 7	room B 8	room B 9	room B 10	room B 11
Time slot	9 am-5:45 pm	9 - 10:45 am											
Session:	Building B and Building C	C12.10 Gender and Geography - Challenges of Gendered Lives and Places: Wellbeing, planning and gendered scales of citizenship	Tourism and security: travelling in an unsafe world	C12.04 Climatology - Weather and climate extremes 2	C12.04 Climatology - Climate change and variability impacts 2	C12.11 Geographical Education - Changing practices in geography education: meeting the challenges of the future 3: Innovation in Curriculum 3	C12.11 Geographical Education - Research findings and challenges in Geography Education 1: Technology mediated instruction (not GIS)	C12.28 / C12.29 Marginalization, Globalization and Regional & Local Responses - Areas of growth and economic stagnation - the challenges of globalization and marginalization 1: The implications of globalization on regional development processes	C12.19 Health and Environment - Health and Health Care 4	C12.33 Political Geography: The Political Geographies of Camps (Session sponsored by the academic journal Political Geography)	Natural environment, climate change, disasters and its impact on human society in South Asia 1	C12.34 Population Geography - Migrations: international. Spatial patterns and models 2	
Chairperson(s):		Orna Blumen, Tovi Fenster	Jürgen Schmude	Stefan Broennimann, Zbigniew Ustrnul	Julie A. Winkler, Krzysztof Błażejczyk	John Lidstone	Sarah Bednarz	Michael Sofer, Stanko Pelc, Paweł Churski	Mark Rosenberg	Elena dell'Agnese, James Sidaway	R.B. Singh, Paweł Prokop, Jyoteshwar Nagol and Anupam Anand	Alina Potrykowska	
10:45 am - 11:15 am Coffee break													
Time slot		11:15 am - 1 pm											
Session:		C12.10 Gender and Geography - Challenges of Gendered Lives and Places: Teaching and Feminist Geography	Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 4	C12.04 Climatology - Climate change and variability in different spatial and temporal scales	CC12.04 Climatology - Climate change and variability impacts 3	C12.11 Geographical Education - Changing practices in geography education: meeting the challenges of the future 4: Technology Enhanced Pedagogies 1	C12.11 Geographical Education - Research findings and challenges in Geography Education 2: GIS Instruction/Student Learning	C12.28 Local & Regional Develop. / C12.29 Marginalization, Globalization and Regional & Local Responses - Areas of growth and economic stagnation - the challenges of globalization and marginalization 2: Polarity of development in different spatial scales	C12.28 Local and Regional Development - Local and regional development in Poland	C12.33 Political Geography - The Political Geographies of Camps 1	Natural environment, climate change, disasters and its impact on human society in South Asia 2	C12.33 Political Geography - European integration 1: Territoriality	
Chairperson(s):		Orna Blumen, Tovi Fenster	Eyüp Artvinli, Danuta Piórg	Nigel Tapper, Mirosław Miętus	Julie A. Winkler, Krzysztof Błażejczyk	John Lidstone	Sarah Bednarz	Michael Sofer, Stanko Pelc, Paweł Churski	Jerzy Banski	Irit Katz, James D. Sidaway	R.B. Singh, Paweł Prokop, Reija Hietala, Narcisa Pricope	Virginie Mamadouh, Anna Casaglia, Jussi Laine	
1 pm - 2 pm Lunch break													
		Plenary session: Changes											
3:30 - 4 pm Coffee break													
Time slot		4 - 5:45 pm											
Session:		C12.10 Gender and Geography - Challenges of Gendered Lives and Places: The place we call home	Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 5	C12.20 / C12.33 - What (political) geography ought to be? Theoretical approaches to and historical perspectives on geography and geopolitics as instruments of peace 3	Language and scientific production in the context of globalization: a question for geographers	C12.11 Geographical Education - Changing practices in geography education: meeting the challenges of the future 5: Technology Enhanced Pedagogies 2	C12.11 Geographical Education - Research findings and challenges in Geography Education 3: Teacher Training in Geography	C12.28 / C12.29 - Areas of growth and economic stagnation - the challenges of globalization and marginalization 3: Regional development processes and policy intervention	C12.28. Local and Regional Development / C12.30 Mediterranean Basin - Local and regional development in the Mediterranean basin	C12.33 Political Geography - The Political Geographies of Camps 2	Natural environment, climate change, disasters and its impact on human society in South Asia 3	C12.33 Political Geography - European integration 2: Borders and cross-border cooperations	
Chairperson(s):		Orna Blumen, Tovi Fenster	Eyüp Artvinli, Danuta Piórg	Elena dell'Agnese, Toshiyuki Shimazu	Nathalie Le Marchand, Antoine Le Blanc	John Lidstone	Sarah Bednarz	Michael Sofer, Stanko Pelc, Paweł Churski	Maria Paradiso, Michael Sofer	Irit Katz, James D. Sidaway	R.B. Singh, Paweł Prokop, Roman Soja and Joanna Nowakowska	Virginie Mamadouh, Anna Casaglia, Jussi Laine	

Thursday, 21.08.2014

		BUILDING C									
		room C 1	room C 2	room C 3	room C 4	room C 5	room C 6	room C 7	room C 8	room C 9	room C 10
Time slot	9 am-5:45 pm	9 - 10:45 am									
Session:	Building B and Building C	C12.39 Urban Commission: Urban Challenges in a Complex World - The place and role of small towns in complex urban systems 2	Geomorphological hazards in different morphoclimatic zones - magnitude and frequency 1	C12.25 Landscape Analysis and Landscape Planning - Landscape Analysis and Landscape Planning 1	C12.26 Land Use and Land Cover Change - Natural changes by human activity 1	C12.34 Population Geography - Processes of population change and migration 1	C12.18 Hazard and Risk - Disaster and resilience 1	C12.39 Urban Commission: Urban Challenges in a Complex World - The Labyrinth of Social Changes: New Theoretical and Methodological Approaches 1	C12.39 Urban Commission: Urban Challenges in a Complex World - Urban Governance 1	C12.36 Toponymy - Geographical aspects of place names: Naming motives, place names as keys to culture and cultural history / Names of transboundary features	
Chairperson(s):		Agnieszka Kwiatek-Sołtys	Zofia Rączkowska, Piotr Migoń, Zbigniew Zwoliński	Małgorzata Luc, Jacek Szmanda	Ivan Bičič	Jianfa Shen, Yu Zhu	Shigeko Haruyama and Hiroshi Shimazu	Górczyńska Magdalena, Bouloc Caroline	Celine Rozenblat, Daniel O'Donoghue	Cosimo Palagiano	
10:45 am -11:15 am Coffee break											
Time slot		11:15 am - 1 pm									
Session:		What is Geography: Debates and Definitions (The Seventh Session of the Lelevel Society Research Group) 1	Geomorphological hazards in different morphoclimatic zones - magnitude and frequency 2	C12.25 Landscape Analysis and Landscape Planning - Landscape Analysis and Landscape Planning 2	C12.26 Land Use and Land Cover Change - Natural changes by human activity 2	C12.34 Population Geography - Processes of population change and migration 2	C12.18 Hazard and Risk - Disaster and resilience 2	C12.39 Urban Commission: Urban Challenges in a Complex World - The Labyrinth of Social Changes: New Theoretical and Methodological Approaches 2	C12.39 Urban Commission: Urban Challenges in a Complex World - Urban Governance 2	C12.36 Toponymy - Geographical aspects of place names: Names in urban space	Business meeting of IGU Commission C12.30 Mediterranean Basin
Chairperson(s):		Gideon Biger, Witold Wilczynski	Zofia Rączkowska, Piotr Migoń, Zbigniew Zwoliński	Małgorzata Luc, Jacek Szmanda	Ivan Bičič	Jianfa Shen, Yu Zhu	Shigeko Haruyama and Hiroshi Shimazu	Górczyńska Magdalena, Bouloc Caroline	Celine Rozenblat, Daniel O'Donoghue	Joan Tort Donada	
1 - 2 pm Lunch break							1 - 2 p.m. Business meeting of IGU Commission C12.18 Hazard and Risk				
2 - 3:30 pm Plenary session											
3:30 - 4 pm Coffee break											
Time slot		4 - 5:45 pm									
Session:		What is Geography: Debates and Definitions (The Seventh Session of the Lelevel Society Research Group) 2	Geomorphological hazards in different morphoclimatic zones - magnitude and frequency 3		C12.26 Land Use and Land Cover Change - Natural changes by human activity 3	C12.34 Population Geography - Processes of population change and migration 3		C12.39 Urban Commission: Urban Challenges in a Complex World - Urbanization and functions of cities in post-socialist countries 4	C12.39 Urban Commission: Urban Challenges in a Complex World - Increasing Insecurity	Business meeting of IGU Commission C12.36 Toponymy (Jointly with International Cartographic Association)	
Chairperson(s):		Gideon Biger, Witold Wilczynski	Zofia Rączkowska, Piotr Migoń, Zbigniew Zwoliński		Ivan Bičič	Jianfa Shen, Yu Zhu		Daniela Szymańska, Beata Holo-wiecka, Celine Rozenblat	Celine Rozenblat, Daniel O'Donoghue		

Friday, 22.08.2014

BUILDING A										
	room A lab_comp	room A1	room A2	room A3	room A4	room A5	room A6	room A7	room A8	room A9
	Workshop									
Time slot	9 - 10:45 am									
Session:	Urban South Africa: Progress and challenges twenty years post Apartheid		C12.05 Coastal Systems - Management of the coast and sea in the Mediterranean basin and the Black Sea	C12.08 Dynamics of Economic Spaces - Emerging Economic Spaces 3	C12.33 Political Geography - European integration 3: Eastern Partnership and ENP	C12.15 Geography of Tourism, Leisure, and Global Change - Tourism in mountain areas 1	C12.08 Dynamics of Economic Spaces - Dynamics of knowledge sectors in the post-socialist countries 1	C12.15 Geography of Tourism, Leisure, and Global Change / C12.33 Political Geography - Tourism and political borders 1	C12.15 Geography of Tourism, Leisure, and Global Change - Tourism and Regional Development: Tourism Development in Asia	
Chairperson(s):	Gustav Visser		Françoise Breton	Neil Reid	Virginie Mamadouh, Anna Casaglia, Jussi Laine	Dieter Müller, Alison Gill	René Matlovič, Piotr Pachura	Marek Więckowski, Elena dell'Agnese	Dieter K. Müller, Tim Coles	
10:45 am - 11:15 am Coffee break										
Time slot	2-7 pm	11:15 am-1 pm								
Session:	„City without God”. Origin and changes of religious space new socialist and post-socialist cities - Part 2: Field trip	C.12.33 Political Geography - Here there everywhere: social movements spazialisising dissent	Special session: Looking for an international strategy for geography education	C12.30 Mediterranean Basin - The Adriatic-Ionian Sea: Challenges in Planning the Future	C12.33 Political Geography - European integration 4: Processes of Europeanization	C12.15 Geography of Tourism, Leisure, and Global Change - Tourism in mountain areas 2	C12.08 Dynamics of Economic Spaces - Dynamics of knowledge sectors in the post-socialist countries 2	C12.15 Geography of Tourism, Leisure, and Global Change / C12.33 Political Geography - Tourism and political borders 2	C12.15 Geography of Tourism, Leisure, and Global Change - Tourism and Regional Development: Perspectives on tourism and tourism development	
Chairperson(s):	Organisers: Elzbieta Biłska-Wodecka, Tomáš Havlíček, Katarzyna Kulczyńska, Justyna Liro, Izabela Soljan	Valeria Pecorelli	Discussion session organised by IGU, EUGEO and EUROGEO	Anton Gosar	Virginie Mamadouh, Anna Casaglia, Jussi Laine	Dieter Müller, Alison Gill	René Matlovič, Piotr Pachura	Marek Więckowski, Dallen J. Timothy, Elena dell'Agnese	Dieter K. Müller, Tim Coles	
1 - 2 pm Lunch break						1:30 - 3:30 pm Second Business meeting of the IGU Commission 12.11 Geographical Education				
2 - 3:30 pm Plenary session										
3:30 - 4 pm Coffee break										
4 - 6 pm Closing ceremony										

Friday, 22.08.2014

		BUILDING B											
		room B 0	room B 1	room B 2	room B 3	room B 4	room B 5	room B 6	room B 7	room B 8	room B 9	room B 10	room B 11
Time slot	9 am-5:45 pm	9 - 10:45 am											
Session:		C12.10 Gender and Geography - Geographies of parenthood: new media, old clichés?	Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 6	C12.28 Local and Regional Development - Local and regional development: project and planning 1	C12.23 Karst - Environmental change and stewardship Responsibilities in Karst Regions 1	C12.11 Geographical Education - Changing practices in geography education: meeting the challenges of the future 6: Innovation in Pedagogy	C12.11 Geographical Education - Research findings and challenges in Geography Education 4: Student Learning/Assessment				C12.10 Gender and Geography / C12.33 Political Geography - Gender, human rights and citizenship	C12.16 Geoparks 1	
Chairperson(s):		Valeria Pecorelli	Eyüp Artvinli, Danuta Piróg	Benjamin Ofori-Amoah	Elena Trofimova, Martin Trappe	John Lidstone	Sarah Bednarz				Inocent Moyo, Marcella Schmidt di Friedberg, Camilla Spadavecchia	Jose Luis Palacio	
10:45 am -11:15 am Coffee break													
Time slot		11:15 am - 1 pm											
Session:		Applying Geospatial Analysis Tools and Metrics for Urban Development Monitoring	Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 7	C12.28 Local and Regional Development - Local and regional development: project and planning 2	C12.23 Karst - Environmental change and stewardship Responsibilities in Karst Regions 2	C12.11 Geographical Education - Changing practices in geography education: meeting the challenges of the future 7: Teaching Methods	C12.11 Geographical Education - Research findings and challenges in Geography Education 5: Geography Education Research				C12.10 Gender and Geography / C12.35 Sustainability of Rural Systems - Food Chains and the 3 S	C12.16 Geoparks 2	
Chairperson(s):		Maik Netzband	Eyüp Artvinli, Danuta Piróg	Peter Baklanov	Elena Trofimova, Martin Trappe	John Lidstone	Sarah Bednarz				Ana Firmino, Ragnhild Lund, Marcela Schmidt di Friedberg	Jose Luis Palacio	
1 - 2 pm Lunch break													
	2 - 3:30 pm Panel discussion												
3:30 - 4 pm Coffee break													
4 - 6 pm Closing ceremony													

Friday, 22.08.2014

		BUILDING C									
		room C 1	room C 2	room C 3	room C 4	room C 5	room C 6	room C 7	room C 8	room C 9	room C 10
Time slot	9 am-5:45 pm	9 - 10:45 am									
Session:		C12.18 Hazard and Risk - Land use change and urban flood 1	C12.29. Marginalization, Globalization, and Regional and Local Responses - Changing nature of globalization, marginalization and marginality: New challenges for understanding and responding 3: Border and Rural Areas Socio-economic Imprint of Marginality, Commuting, Emigration and Identity	C12.25 Landscape Analysis and Landscape Planning - Landscape Analysis and Landscape Planning 3	C12.18 Hazard and Risk - Anthropogenic influence on natural hazards and related risks 1	C12.34 Population Geography - Processes of population change and migration 4	C12.25 Landscape Analysis and Landscape Planning - Forest Landscapes and Society	Knowledge and Rurality: Creation, Transfer & Migration 1	C12.39 Urban Commission: Urban Challenges in a Complex World - Dilemmas of Aging Cities 2	C12.36 Toponymy - Geographical aspects of place names: Naming policies and place-names use	
Chairperson(s):		Sue-Ching Jou, Hiroshi Shimazu and Enrique Novoa-Jerez	Stanko Pelc	Małgorzata Luc, Jacek Szmanda	Sergey A. Sokratov	Jianfa Shen, Yu Zhu	Urszula Somorowska	Konrad Czapiewski, Krzysztof Janc	Celine Rozenblat, Daniel O'Donoghue	Yaives Ferland	
10:45 am -11:15 am Coffee break											
Time slot		11:15 am - 1 pm									
Session:		C12.18 Hazard and Risk - Land use change and urban flood 2	C12.29. Marginalization, Globalization, and Regional and Local Responses - Changing Nature of Globalization, Marginalization and Marginality: New Challenges for Understanding and Responding 4: Poverty, (post)colonialism, segregation and a lack of accessibility	C12.18 Hazard and risk - Adaptation and governance for future climate change and disaster	C12.18 Hazard and Risk - Anthropogenic influence on natural hazards and related risks 2	C12.34 Population Geography - Processes of population change and migration 5	C12.18 Hazard and Risk - Disaster and resilience 3	Knowledge and Rurality: Creation, Transfer & Migration 2	C12.39 Urban Commission: Urban Challenges in a Complex World - Contested Social Spaces 2	C12.36 Toponymy - Geographical aspects of place names: Field collection of names and names on maps	



■ Conference opening ceremony

Auditorium Maximum of the Jagiellonian University, 33 Krupnicza St.

1.00 pm-4:00 pm – Opening Ceremony of the Conference

4:00 pm-7:00 pm – Ice-breaker party



Collegium Maius of the Jagiellonian University, 15 Jagiellonska St.

6:30 pm – *Opening of the exhibition
“The Development of Geographical Ideas in Poland”*





IGU Regional Conference
POLAND KRAKÓW 2014

TUESDAY

19

AUGUST 2014



Campus of the 600th Anniversary of the Jagiellonian University Revival,
7 Gronostajowa St.

Conference sessions and business meetings of the IGU Commissions

room
A 2



■ C12.13 Geography of Governance Geography, Governance and Citizens' participation 1

Chairperson: *Ján Buček*

Satu Kivela, Department of Geography, University of Oulu

- Governing state space through public health care: From social government to advanced liberalism?

Anna Borowczak, Department of Geography and Geology, Adam Mickiewicz University in Poznań

- Evaluation of Regional Operational Programs - conclusions from micro-scaled analyses

Dominik Elsmann, Martina Fromhold-Eisebith, Department of Geography, RWTH Aachen University

- Citizens' Rail - Using citizens' participation for rail revitalization. Comparing two regional governance settings in Europe

Tal Berman, Izhak Schnell, Department of Geography and Human Environment, Tel Aviv University

- Comparison between the respective capabilities of unilateral and collaborative methods of public participation to uncover local knowledge and incorporate it into planning deliverables

Wojciech Keblowski, Mathieu Van Criekingen, IGEAT, Universite Libre de Bruxelles

- How "alternative" alternative urban policies really are? Looking at mobility of participatory budgeting in Poland through the lens of the right to the city

room
A 3



■ C12.19 Health and Environment Health and Environment Change 1

Chairperson: *Wuyi Wang*

Svetlana Malkhazova, Natalia Shartova, Faculty of Geography, Lomonosov Moscow State University

- The story of public health in Russia during last 100 years

Yang Cheng (1), Mark Rosenberg (2), Jie Yu (2), Hua Zhang (1)

(1) School of Geography, Beijing Normal University
(2) Department of Geography, Queen's University

- Food security for the community-living elderly people in Beijing, China

Swati Gadgil (1), Virendra Nagarale (2)

(1) Department of Education, Seva Sadan D.Ed College Pune

(2) Department of Geography, S.N.D.T.Women's University Mumbai

- Impact of geographical factors on teenager's health related physical fitness: Study of Konkan and Western-Upland Region of Maharashtra

Shu Tao, Huizhong Shen, College of Urban and Environmental Sciences, Peking University

- Global atmospheric emissions, transport, and population exposure risk of polycyclic aromatic hydrocarbons

Bixiong Ye (1), Wuyi Wang (1), Linsheng Yang (1), Thomas Krafft (2)

(1) Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences

(2) Department of International Health, Maastricht University

- The characterization and sources of polycyclic aromatic hydrocarbons in PM10 in rural area of Beijing, China

■ C12.08 Dynamics of Economic Spaces

Complex Relations between Proximity, Knowledge Spillovers, Innovation and Development 1

Chairperson: *Grzegorz Micek*

Grzegorz Micek, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Shortcomings in understanding proximity and its role in local development

Martina Fuchs, Department of Economic Geography – WiSo Faculty, University of Cologne

- Knowledge, visions and interpretations: Global firms, local labour and regional change

Evans Adjei, Rikard Eriksson, Urban Lindgren, Department of Geography and Economic History, Umea University

- Learning and plant performance: On the effects of internal family networks

Dominique Badariotti, Strasbourg University

- Measuring geographic proximity in an urban context

Huasheng Zhu, School of Geography, Beijing Normal University

- Urban-rural immigrants and entrepreneurship in industrial clusters: A case study of China

■ C12.39 Urban Commission: Urban Challenges in a Complex World Contested Social Spaces 1

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Inocent Moyo, University of South Africa

- Resistance against operation clean up in Johannesburg inner city: Dynamics of a contest over the right to trade



room
A 4



room
A 5

Yuan Yuan, Department of Urban and Regional Planning, Sun Yat-Sen University

- Spatial pattern and driving forces of urban poverty of Chongqing City of China

Shenjing He, Department of Urban and Regional Planning, Sun Yat-Sen University

- Unravelling informality amidst globalization: Migrant economy and migrant settlement in the international textile & fabric market in central Guangzhou

Rassem Khamaisi, University of Haifa

- Building society, space and institutions for securing the right of the Palestinian people to Jerusalem

room
A 6



■ C12.24 Land Degradation and Desertification Land Degradation and Environmental Change 1

Chairpersons: *Paweł Prokop, Paul Hudson*

Takashi Oguchi (1), Yasuhisa Kondo (2)

(1) Center for Spatial Information Science, University of Tokyo

(2) Research Institute of Humanities and Nature

- Analysis of archaeological, historical and modern interactions between human and nature using digital geospatial data

Peter Holmes, Department of Geography, University of the Free State

- Land degradation in South African dryland margins; problems and prospects

Hiroshi Suwa, Center for Spatial Information Science, University of Tokyo

- Rainstorm control of landslides with a reference to Kii Mountains, Japan

Punyatoya Patra, Aditi Mahavidyalaya, Department of Geography, University of Delhi

- Biophysical and socioeconomic investigations related to landslides in the Himachal Himalaya

Anna Bucala (1), Maciej Kozak (2)

(1) Department of Geoenvironmental Research, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Institute of Botany, Jagiellonian University in Krakow

- The human impact on environmental processes in the Gorce Mountains (Western Polish Carpathians) in the past 50 years

room
A 7



■ C12.08 Dynamics of Economic Spaces Financial Geography 1

Chairperson: *Dariusz Wójcik*

Dariusz Wójcik, School of Geography and the Environment, University of Oxford

- Accounting for globalization: Evaluating the potential effectiveness of country-by-country reporting

Emile Boustani, School of Geography, Politics and Sociology, Newcastle University

- Variegated financialisation of global production networks in post-socialist contexts: Looking at the automobile industry in Hungary and Eastern Germany

Chris Muellerleile, Graduate School of Education and School of Geographical Sciences, University of Bristol

- Market liquidity, financial risk, and the production of space: A necessary engagement for economic geography

Thierry Theurillat, Olivier Crevoisier, Victoriya Salomon, Group of Research in Territorial Economy, University of Neuchâtel

- The construction of the financial value of “sustainability”

■ C12.15 Geography of Tourism, Leisure, and Global Change Changing Dynamics of Tourism in Central Europe 1

Chairpersons: *Dieter Müller, Marek Więckowski*

Matylda Awedyk, Department of Tourism and Landscape Geography, E. Piasecki University School of Physical Education in Poznań

- Foresight in Polish tourism planning - new opportunities for future tourism

Czesław Adamiak, Department of Spatial Management and Tourism, Nicolaus Copernicus University

- Changing social geography of second home tourism in Poland: The case of Bory Tucholskie region

Gabriela Ilies, Silviu V. Bumbak, Marin Ilies, Faculty of Geography, Babes-Bolyai University

- Selecting the stage for new experiential tourism services in Maramures - a geographical approach

Elena Matei (1), Dorin Matei (2)

(1) Human and Economic Department, Faculty of Geography, Bucharest University

(2) Hermes Economic College, Faculty of Geography, Bucharest University

- Tourism, sustainable development and community resilience in the Romanian Carpathians rural settlements. Case Study: Rucăr-Bran Corridor

Anna Chrobak (1), Jarosław Cebulski (2)

(1) Institute of Geography, Pedagogical University of Cracow

(2) Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Landslides in the Polish Carpathians as the potential educational geopooints



room
A 8

Tuesday

room
A 9



- **C12.15** Geography of Tourism, Leisure, and Global Change /
- **C12.33** Political Geography

Dark Tourism, Heritage and War

Chairpersons: *Carolyn Funck, Tim Coles, Elena dell’Agnese*

Rudi Hartmann, Department of Geography and Environmental Sciences, University of Colorado Denver

- Dark industrial heritage: The commemoration of victims at places of forced labor in subsidiary camps of the Dachau Concentration Camp System

Dietrich Soyez, University of Cologne

- Uncomfortable landscapes of an industrial past: German WW II arms production sites in a contemporary heritage context

Stephen Miles, University of Glasgow

- The Western Front: War heritage, contested interpretations and dark tourism

room
B 1



- **C12.10** Gender and Geography
- **Bodies, Borders and Mobilities 1**

Chairperson: *Claire Dwyer*

Shirlena Huang (1), Yiting Lin (2)

(1) National University of Singapore

(2) Economic Development Board, Singapore

- Singaporean-Japanese families: Negotiating transnational identities through everyday practices

Jun-Hua Lin, Department of Taiwan and Regional Studies, National Dong Hwa University

- Becoming a local (?): NGOs, governance, and Vietnamese female spouses in Taiwan

Stella Strzemecka, Department of Population Studies, Institute of Sociology, Jagiellonian University in Kraków

- Polish children in Norway: Everyday experiences of growing up transnationally

Theodora Lam, Brenda Yeoh, Department of Geography, National University of Singapore

- Transnational migration of mothers and its impact on gender ideologies and familial relationships

Menusha De Silva, Department of Geography, National University of Singapore

- Negotiating gendered and generational care relations between skilled migrants and “stay-behind” elderly within Sri Lankan-Australian transnational families

■ C12.30 Mediterranean Basin

Climate Change and its Impacts on Lives and Activities in the Mediterranean Basin

Chairpersons: *Annick Douguédroit, Habib Ben Boubaker*

Jelena Lukovic (1), Haim Kutiel (2)

(1) Department of Physical Geography, Faculty of Geography, University of Belgrade
(2) University of Haifa

- Spatial distribution and uncertainty of rainfall regime in Serbia and Montenegro

Haim Kutiel (1), Ricardo Trigo (2)

(1) University of Haifa
(2) Instituto Dom Luiz, Universidade de Lisboa

- Temporal variability of the rainfall in Lisbon during the last 150 years

Annick Douguédroit (1), Caroline Norrant (2)

(1) Aix-Marseille Université
(2) Département de Géographie, University Lille 1

- Le rôle des variations du jet-stream dans la diminution des pluies en Méditerranée (1950-2000)

Habib Ben Boubaker (1), Chahed Mohamed Kouni (2)

(1) Department of Geography, Mannouba University Tunisia
(2) Faculty of Medicine, University El Manar

- Climate change and re-emerging diseases in warm Mediterranean climate: Example of zoonotic cutaneous leishmaniasis (ZCL) in the region of Sidi Bouzid (Central Tunisia)

■ C12.04 Climatology

Urban Climates 1

Chairpersons: *Hadas Saaroni, Krzysztof Fortuniak*

Oded Potchter (1), Limor Bar-Shashua (2)

(1) Department of Geography and the Human Environment, Tel Aviv University
(2) Ministry of Environmental Protection of Israel

- Urban greenery as a tool for city cooling: The Israeli experience in a variety of climatic zones

David Pearlmutter (1), Hadas Saaroni (2), Tali Hatuka (2)

(1) Jacob Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev
(2) Department of Geography and Human Environment, Tel Aviv University

- Microclimate and thermal perception in a Mediterranean coastal urban park

Márton Kiss, Ágnes Takács, Eszter Tanács, Agnes Gulyás, Department of Climatology and Landscape Ecology, University of Szeged

- Urban ecosystem service assessments in Szeged (Hungary)

Krzysztof Błazejczyk, Magdalena Kuchcik, Jakub Szmyd, Paweł Milewski, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Dynamic of Urban Heat Island in selected housing estate in Warsaw - possibilities of mitigation and adaptation


 room
B 2

Tuesday


 room
B 3

Hofit Itzhak Ben-Shalom (1), Rana Samuels (2), Oded Potchter (3), Pinhas Alpert (2)
 (1) The Porter School of Environmental Studies, Tel Aviv University
 (2) Department of Geophysical, Atmosphere and Planetary Science, Tel-Aviv University
 (3) Department of Geography and the Human Environment, Tel-Aviv University

- Predictions of Urban Warming in Israelis Cities, Using RegCM Model

room
B 4



■ C12.04 Climatology

Historical Climatology 1

Chairpersons: *Rudolf Brazdil, Rajmund Przybylak*

Janusz Filipiak (1), Rajmund Przybylak (2), Piotr Oliński (2)
 (1) University of Gdańsk
 (2) Nicolaus Copernicus University

- Meteorological observations of Gottfried Reyger in Gdansk from 1722 to 1786 and their applicability to studies of the climate change

Rajmund Przybylak, Aleksandra Pospieszńska, Przemysław Wyszyński, Maciej Nowakowski,
 Department of Meteorology and Climatology, Nicolaus Copernicus University

- Air temperature changes in Żagań (Poland) in the period from 1781 to 1792

Takehiko Mikami (1), Masumi Zaiki (2), Junpei Hirano (3)
 (1) Department of Geography, Teikyo University
 (2) Department of Geography, Seikei University
 (3) National Research Institute for Earth Science and Disaster Prevention of Japan

- Meteorological observations of Japanese lighthouses in the 19th century

Oeyvind Nordli (1), Rajmund Przybylak (2), Astrid Ogilvie (3), Ketil Isaksen (4)
 (1) Norwegian Meteorological Institute, Norway
 (2) Department of Meteorology and Climatology, Nicolaus Copernicus University
 (3) Institute of Arctic and Alpine Research, University of Colorado
 (4) Research and Development Department, Norwegian Meteorological Institute

- Long-term temperature trends and variability on Svalbard from 1898 to present

Junpei Hirano (1), Takehiko Mikami (2), Masumi Zaiki (3)
 (1) National Research Institute for Earth Science and Disaster Prevention of Japan
 (2) Teikyo University, Japan
 (3) Seikei University, Japan

- Reconstruction of summer temperature variations since the 18th century in Tokyo based on multiple historical weather documents

room
B 5



■ C12.11 Geographical Education

IGU, EUGEO and EUROGEO, a Challenging Network of Geographers in Education 1: International Challenges

Chairperson: *Joop van der Schee*

Joop van der Schee, Faculty of Geosciences, Utrecht University

- A road map for geography education - from Rome via Malta to Krakow

Anke Uhlenwinkel, Department of Geography, Justus-Liebig-Universitaet Giessen

- Enabling educators to teach and understand capabilities: the example of “Young People on the Global Stage: their education and influence”

Giuliano Bellezza, Sapienza University of Rome

- Building a network with the geopark European and global networks for geographical education

■ C12.11 Geographical Education

Changes, Challenges and Responsibility in the School Geography Curriculum 1: Status of geography in countries 1

Chairperson: *Clare Brooks*

Graham Butt, Oxford Brookes University

- Geography national curricula and standards: Perspectives on the future of geography education in different national jurisdictions

Yoshiyasu Ida, University of Tsukuba

- What is demanded as geography education of Japan?

Arkadiusz Glowacz (1), Marten Loessner (2)

(1) Faculty of Geographical Sciences, University of Lodz

(2) Altkoenigschule Kronberg

- The impact of curriculum on students' perceptions of geography in Poland, Germany and England

Ravi Singh, Banaras Hindu University

- School geography in India: Persisting challenges and issues

Stephanie Leder, Institute of Geography, University of Cologne

- Neglected geography education in India? Opportunities and challenges for curriculum design through education for sustainable development

■ C12.28 Local and Regional Development

Local and Regional Development in the Rural Space 1

Chairperson: *Michael Sofer*

Vladan Hruska, Department of Geography, Jan Evangelista Purkyne University in Usti nad Labem

- Neglected rural industries: Revealing gaps in rural research

Martin Simard, Department of Social Sciences (Geography), University of Quebec at Chicoutimi

- Contrasting destinies: Mining settlements development in Northern Quebec in the age of globalization



COMMISSIONS

room
B 6

Tuesday



COMMISSIONS

room
B 7

Veronika Duskocilova, Katerina Stonawska, Department of Applied and Landscape Ecology, Mendel University in Brno

- The photovoltaic power plants as an instrument of local development in rural space

Kim Philip Schumacher, Institute for Spatial Analysis and Planning in Areas of Intensive Agriculture, University of Vechta

- The complex and problematic interlinkages of agricultural based bio-energy production and intensive agriculture for the regional development in the Oldenburger Muensterland (NW-Germany)

room
B 8



■ C12.33 Political Geography Political Geographies of Society and Nature

Chairperson: *Paul Reuber*

Weiqiang Lin, Department of Geography, Royal Holloway

- Commodifying air: Aeropolitics in a time of climate change

Annalisa Colombino (1), Paolo Giaccaria (2)

(1) Department of Geography, University of Graz
(2) ESOMAS, University of Turin

- Mobilizing the quality of Piedmontese beef: The transformation and commodification of animal life under Biocapitalism

Annika Mattissek, Technical University Dresden

- Political implications of the use of social media in floodwater management

Dorothee Quade, Department of Geography, Friedrich-Schiller-University Jena

- Narratives of society-nature relationships in degrowth discourses

room
B 9



■ C12.26 Land Use and Land Cover Change Land Use Changes in Metropolitan Areas

Chairperson: *Ivan Bičík*

Luca Rizzo (1), Jürgen Schmude (2)

(1) Centro Interdipartimentale di Ricerca e Servizi, University of Padova

(2) Lehrstuhl für Wirtschaftsgeographie und Tourismusforschung, Ludwig Maximilians Universität München

- Investigating farm tourism consequences on rural land use patterns and on landscape change in selected areas in Bavaria and in north east Italy

Marta Nalej, Iwona Jażdżewska, Institute of Urban Geography and Tourism, Faculty of Geographical Sciences, University of Łódź

- Changes in land cover in Łódź (Poland) as compared to changes in the road network using Corine Land Cover

Ellen Banzhaf (1), Pál Báalazs (2)

(1) Department of Urban and Environmental Sociology, UFZ - Helmholtz Centre for Environmental Research

(2) Department of Landscape Science and Rural Development, University of West Hungary

- Connectivity of urban green spaces exemplified on the City of Leipzig

Barbara Maćkiewicz, Ewa Kacprzak, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Agricultural land management in the Poznań agglomeration between 2000 and 2012

■ **C12.14** Geography of the Global Information Society **Information Society: Changes, Challenges, and Responsibility**

Chairperson: *Mark Wilson*

Aharon Kellerman, Department of Geography, University of Haifa

- Daily virtual action spaces: Patterns, adoption and leadership

Krzysztof Janc, University of Wrocław

- Connections between cities in cyberspace

Piotr Siłka, Department of Spatial Organization, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- The spatial development of the information society in Poland

Ilya Kiria, Olga Dovbysh, National Research University Higher School of Economics of the Russian Federation

- Regional disparities in development of media in Russia



COMMISSIONS

room
C1

Tuesday

■ **C12.38** Transport and Geography **Geographical Impacts of Transport Investment and Transport Policy Change 1**

Chairperson: *Richard Knowles*

Koichi Tanaka (1), Emi Kainuma (2)

(1) College of Humanities, Ibaraki University

(2) Faculty of Geo-environmental Science, Rissho University

- Change of spatio-temporal accessibility by high-speed train in Japan

Linna Li, Becky P.Y. Loo, Department of Geography, The University of Hong Kong

- The regional and urban impacts of high-speed rail on economic development in Taiwan

Jin Fengjun, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

- Spatial effects of high-speed rail network in Eastern Asia

Carmen Bellet, Department of Geography and Sociology, Universitat de Lleida

- Urban changes and high-speed rail in Spanish cities



COMMISSIONS

room
C2

Maria Henar Salas-Olmedo, Patricia García-Alonso, Javier Guiérrez, Departamento de Geografía Humana, Universidad Complutense de Madrid

- Changes in accessibility in the European Union 2001-2012: The role of transport investments, borders and regional economies

room
C3

■ **Thematic session:**

Rapid Response of Geomorphic and Hydrological Systems in Mountain Regions to Environmental Change

Chairpersons: *Thomas Parkner, David Morche*

Łukasz Wiejaczka (1), Małgorzata Kijowska-Strugała (1), Paweł Pierwoła (2), Mariusz Nowak (2)
 (1) Department of Geoenvironmental Research, Institute of Geography and Spatial Organization, Polish Academy of Sciences
 (2) The Hydroelectric Power Plants Complex ZEW Niedzica S.A.

- Changes in water temperature of a mountain river due to the impact of complex of two reservoirs (the Dunajec River in the Polish Carpathians)

Johan Berthet, Laurent Astrade, Edytem Laboratory, University of Savoie

- Evolution of proglacial torrential activity linked to glacier retreat, Chamonix Valley, France

Vaclav Skarpich, Tomas Galia, Jan Hradecky, Department of Physical Geography and Geoecology, University of Ostrava

- Extreme incision of the Morávka River system in Fylsch Carpathian region (Czech Republic) as a response to man activity

Sergey Chalov, Nikolay Kasimov, Miklhail Lychagin, Lomonosov Moscow State University

- Hydrological and hydrogeochemical consequences of environmental change in Selenga Baikal catchment

room
C4



■ **C12.34 Population Geography**

Migrations: Internal. Spatial Patterns and Models 1

Chairperson: *Alina Potrykowska*

Dolores Sanchez-Aguilera (1), Petros Petsimeris (2)
 (1) Geografia Física i Anàlisi Geogràfic Regional, University of Barcelona
 (2) Université Paris 1 Pantheon-Sorbonne

- Recent mobility dynamics of Southern European urban systems: From de-urbanization to re-urbanization?

Martine Berger (1), Lionel Rougé (2)
 (1) Institut de Géographie, Université Paris 1 Pantheon-Sorbonne
 (2) Département de Géographie, Université de Caen

- Les mobilités résidentielles dans et vers les espaces périurbains : le cas de la région métropolitaine de Paris

Piotr Raźniak, Institute of Geography, Pedagogical University of Cracow

- The impact of socio-economic development on population migration in Poland

■ Thematic session:

Demographic Faces of Cities in the Developed and Developing World 1

Chairpersons: *Daniela Szymańska, Jadwiga Biegańska*

Stanko Pelc, University of Primorska

- Characteristics of urban population and the problem of its definition - the case of Slovenia

Daniela Szymańska (1), Jadwiga Biegańska (1), Stefania Środa-Murawska (1), Frank Swiaczny (2)

(1) Department of Urban Studies and Regional Development, Nicolaus Copernicus University

(2) Federal Institute for Population Research of Germany

- Ageing in cities - new vs. old processes

Gulnara Nyussupova, Aisulu Kalimurzina, Department of Geography, Land Management and

Cadastre, Al-Farabi Kazakh National University

- Sex-age structure of urban population in the Republic of Kazakhstan during independence period

room
C 5

Tuesday

■ C12.03 Biogeography and Biodiversity

Climate Change and Dynamics of Mountain Ecosystems 1

Chairpersons: *Udo Schickhoff, Suraj Mal*

Niels Schwab (1), Udo Schickhoff (1), Jürgen Böhner (1), Thomas Scholten (2), Ram P. Chaudhary (3),

Birgit Bürzle (1), Lars Gerlitz (1), Michael Müller (2), Eleonore Schenk (1)

(1) Department of Physical Geography, Center for Earth System Research and Sustainability (CEN), University of Hamburg

(2) Chair of Physical Geography and Soil Science, University of Tübingen

(3) Research Centre for Applied Science and Technology (RECAST), Tribhuvan University, Kirtipur

- TREELINE: Detecting the response of a Himalayan near-natural treeline ecotone to climate change

Michael Mueller, Simon Drollinger, Thomas Scholten, Institute of Geography, University of Tuebingen

- Soil properties and nutrient cycling in the alpine treeline ecotone of Rolwaling Himal, Nepal

Suraj Mal (1), RB Singh (2), Udo Schickhoff (3)

(1) Department of Geography, Shaheed Bhagat Singh College, University of Delhi

(2) Department of Geography, Delhi School of Economics, University of Delhi

(3) Department of Geography, University of Hamburg

- Climate change impacts on glaciers and glacial lakes in the Nanda Devi Biosphere Reserve, Indian Himalaya

Dmitrii Ganiushkin, Kirill Chistyakov, St-Petersburg State University

- Climatic cyclicity and dynamics of the glacio-nival systems of central part of Altay-Sayan mountain system



COMMISSIONS

room
C 6

room
C 7



■ C12.22 Islands

The Futures of Islands 1

Chairperson: *Maciej Jędrusik*

Alison McCleery, Edinburgh Napier University

- Different by degree, default or design?: Expressions of 'islandness' in the context of complex geopolitics and evolving marginality

Stephen Royle, School of Geography, Archaeology and Palaeoecology, Queen's University Belfast

- Island cities: The case of Belfast, Northern Ireland

Paweł Cywiński, Faculty of Geography and Regional Studies, University of Warsaw

- The tourist neo-colonialism as an indication of the future of the islands. Borobodur case study (Central Java)

Katarzyna Podhorodecka, Faculty of Geography and Regional Studies, University of Warsaw

- Tropical island a new tourism destination for Polish residents

room
C 8

■ Thematic session:

Artists and the Challenges of Contemporary Urban Development 1: Artistic Quarters

Chairpersons: *Jarosław Działek, Monika Murzyn-Kupisz*

Tatiana Debroux, Laboratoire de géographie humaine, Université Libre de Bruxelles

- Artists and urban redevelopment: pioneers or tools? A look at the artists village of Saint-Gilles, Brussels

Valerie Sauter, Institute of Geography, University of Neuchatel

- The place of artists' ateliers and studios in urban development: A comparison between Zurich and Nantes

Joan Ganau, Daniel Paül, Pilar Riera, Universitat de Lleida

- Artists, CEOs and junkmen: Urban renewal and social conflict in Barcelona

Mariko Ikeda, Department of Geography, University of Tsukuba

- New kinds of urban conflicts over Urban artistic places. Are gentrification and touristification inevitable?

Nikola Jocić (1), Aljosa Budović (1), Andreas Winkler (2)

(1) Faculty of Geography, University of Belgrade

(2) University of Bamberg

- Conflicts over an emerging creative space. A cultural quarter development in Belgrade

■ Thematic session:

Inclusionary Youth Geographies: Changes, Challenges and Responsibilities 1

Chairpersons: *Fiona M. Smith, Matej Blazek, Kathrin Hörschelmann*

This session is co-sponsored by the Geographies of Children, Youth and Families Research Group of the Royal Geographical Society (with the Institute of British Geographers)

Riikka Korkiamaki, Kirsi Pauliina Kallio, School of Management, University of Tampere

- Beginning from the obvious: Ordinary spaces of participation as starting point for supporting youthful agency

Raimund Kemper, Institute for Spatial Development, University of Applied Sciences Rapperswil

- Exclusionary effects of youth participation in public places

Lynn Staeheli, David Marshall, Department of Geography, Durham University

- Sedimented temporalities of youth and citizenship in divided societies

Yi En Cheng, School of Geography and the Environment, University of Oxford

- Becoming “included” in neoliberal times: “Private degree” students, education, and dilemmas of the accumulative subject in contemporary Singapore

room
C 9

Tuesday

10:45 am – 11:15 am COFFEE BREAK

■ C12.13 Geography of Governance

Geography, Governance and Citizens' Participation 2

Chairperson: *Ján Buček*

Konrad Ł. Czapiewski (1), Krzysztof Janc (2), Michał Konopski (1)

(1) Department of Rural Geography and Local Development, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) University of Wrocław

- Educational and professional structure of local self-government leaders: Spatial and time analysis

Tomas Kostelecky, Local and Regional Studies, Institute of Sociology, Academy of Sciences of the Czech Republic

- Is electoral participation no longer important? Cultural, economic and geographical factors influencing electoral participation in the Czech Republic



room
A 2

Susanne Kubiak, ILS - Research Institute for Regional and Urban Development of Germany

- Participation as local integration engine? Actors in German local integration concepts between network governance and governmentality

Adam Bierzyński, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Approaches in governing emerging urban diversities: the experiences of four post-socialist cities (Leipzig, Warsaw, Budapest and Tallinn)

Hsi-Ju Chuang, Department of Taiwan and Regional Studies, National Dong Hwa University

- The power of academia: Scholars as actors in culture revival

room
A 3



■ C12.19 Health and Environment Health and Environment Change 2

Chairperson: *Wuyi Wang*

Wuyi Wang, L. Wang, L.S. Yang, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

- Assessment on regional environmental vulnerability in China

Agnieszka Pilarska, Faculty of Earth Science, Nicolaus Copernicus University

- Medical cartography: Past, present and future prospects

Gyula Nagy, Department of Economic and Social Geography, University of Szeged

- Environmental injustice caused by the red mud spill in Hungary

Svetlana Malkhazova (1), Varvara Mironova (1), Natalia Shartova (1), Dmitry Orlov (1), Tatiana Kotova (2)
(1) Department of Biogeography, Lomonosov Moscow State University
(2) Department of Cartography, Lomonosov Moscow State University

- The study of natural-endemic diseases in Russia

room
A 4



■ C12.08 Dynamics of Economic Spaces Complex Relations between Proximity, Knowledge Spillovers, Innovation and Development 2

Chairperson: *Grzegorz Micek*

Kazuhiro Nozawa, National Institute of Science and Technology Policy of Japan

- Revitalisation of local economy through commercialization of university's knowledge

Kari Makelainen, School of Economics, University of Turku

- Geographical proximity and patenting in a developing country context: The case of metal and engineering industries in Turkey

Nuri Yavan, Suat Tuysuz, Fatih Altug, M. Tahsin Şahin

- Regional pattern of Turkish manufacturing industry by technological intensity

Arkadiusz Kocaj

- The role of proximities in development of traditional industrial districts in Poland: The case of footwear and furniture industry

■ C12.39 Urban Commission: Urban Challenges in a Complex World Dilemmas of Aging Cities 1

room
A 5

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Yoshimichi Yui (1), Tomoko Kubo (2)

(1) Graduate School of Education, Hiroshima University

(2) Faculty of Education, Gifu University

- The dilemmas of Japanese suburban neighborhoods (1): Failure of housing policy and town planning in Hiroshima City

Ewa Klima, Stanisław Mordwa, Department of Population and Services Studies, University of Łódź

- Old people's living space and their quality of life - social geography perspective

Tomoko Kubo (1), Yoshimichi Yui (2), Michihiro Mashita (3), Megumi Ishizaka (3), Fumiya Kan (3), Kazuki Kawamura (3), Tsukasa Hata (3), Taiyo Yagasaki (3)

(1) Faculty of Education, Gifu University

(2) Hiroshima University

(3) University of Tsukuba

- The dilemmas of Japanese suburban neighborhoods (2): Housing policy, ageing populations, and vacant houses around Tokyo

■ C12.24 Land Degradation and Desertification Land Degradation and Environmental Change 2

room
A 6

Chairpersons: *Paweł Prokop, Paul Hudson*

Paul Hudson, Universiteit Leiden

- Characterization of floodplain lakes along the Lower Mississippi River

Małgorzata Kijowska-Strugała, Department of Geoenvironmental Research, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Human impact on suspended sediment transport in Polish Flysch Carpathians over the last 40 years

Ram Kumar Gurjar, Ajay Kumar

(1) Department of Geography, University of Rajasthan

(2) Department of Geography, University of Delhi

- Impact of Indira Gandhi Irrigation Project (IGNP) on Desert Ecology of Thar Desert, India

Rama Prasad, University of Rajasthan

- Ecological changes and environmental management in Aravalli Hilly Range: A case study of Tonk District, Rajasthan, India

Edmore Kori, Department of Geography and Geo-Information Sciences, University of Venda

- Destination sustainability: A maze muddled in inter-disciplinary discord

room
A 7



■ C12.08 Dynamics of Economic Spaces

Financial Geography 2

Chairperson: *Dariusz Wójcik*

Johanna Dichtl, Hans-Martin Zademach, Department of Geography, Catholic University of Eichstaett-Ingolstadt

- Sustainable finance – financing sustainability – sustaining financialization? Basic considerations on the Finance-Sustainability-Nexus and the cases of energy transition in Germany and Poland

Zoltan Gal, Centre for Economic and Regional Studies, Institute of Regional Studies, Hungarian Academy of Sciences

- Role of financial FDI in Central and Eastern Europe in regional imbalances

Tom Hashimoto, School of Geography and the Environment, University of Oxford

- Financial history of post-socialist Central and Eastern Europe: Controversy over the rise of Warsaw amongst Financial Centre Indices

Jiri Blazek, Department of Social Geography and Regional Development, Charles University in Prague

- What future for banking clusters in lower-tier financial centres? The takeover of Prague's banking cluster by multinational groups from an evolutionary perspective

room
A 8



■ C12.15 Geography of Tourism, Leisure, and Global Change

Changing Dynamics of Tourism in Central Europe 2

Chairpersons: *Dieter Müller, Marek Więckowski*

Robert Górski, Youth Culture Centre in Warsaw

- Development and strategies in Polish religious tourism

Małgorzata Durydiwka, Katarzyna Duda-Gromada, Department of Tourism Geography and Recreation, Faculty of Geography and Regional Studies, University of Warsaw

- Spatial development of beach resorts in Poland. Some aspects

Robert Górski, Youth Culture Centre in Warsaw

- Pilgrimage experience in the Polish calvary towns space

Denis Cerić, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Central European tourist arrivals to Croatia: The changing dynamics and trends in the tourism flow during the last three decades

room
A 9



■ C12.29 Marginalization, Globalization, and Regional and Local Responses

Changing Nature of Globalization, Marginalization and Marginality: New Challenges for Understanding and Responding 1: Marginalization from Different Perspectives

Chairperson: *Stanko Pelc*

Walter Leimgruber, Department of Geosciences Geography, University of Fribourg Switzerland

- The scramble for land. Saving the remains of rural space in Switzerland

Stanko Pelc (1), Maja Umek (2), Irena Hergan (2)

(1) Department of Geography, Faculty of Humanities, University of Primorska
(2) Primary Education Department, Faculty of Education, University of Ljubljana

- Coping with marginalization within social science in primary education

Hugo Capella Miternique, Universidad de Concepcion

- De-marginalizing hybridity: The case of chifa's food

Markku Tykkylaeinen (1), Maija Sikioe (1), Tiina Laatikainen (2), Lauri Maehtatalo (2), Aki Pihlapuro Timo Kumpula (1)

(1) Department of Geographical and Historical Studies, University of Eastern Finland
(2) University of Eastern Finland

- How to analyse the prevalence of type 2 diabetes and the monitoring and quality of its care at a small-area level

■ C12.10 Gender and Geography Bodies, Borders and Mobilities 2

Chairperson: *Claire Dwyer*

Kathryn Cassidy, Faculty of Environment and Engineering, Northumbria University

- Gendered emotional geographies of new European mobilities

Klaus Dodds, Royal Holloway

- Border Cinema: Negotiating bodies, borders and mobilities

Tong Yaqina, Hiroshima University

- The life courses about Chinese women with higher educations who live in Japan as foreign workers

Nisakorn Klanarong, Geography Department, Thaksin University

- Status and roles: Impact on sex selectivity in border crossing migration from southern border provinces of Thailand

Gunnel Forsberg (1), Susanne Stenbacka (2)

(1) Department of Human Geography, Stockholm University
(2) Department of Social and Economic Geography, Uppsala University

- Going gender: Mobility practices in a transnational world



room
B 1

room
B2



■ C12.35 Sustainability of Rural Systems

Heritage and Tourism for a Sustainable Territorial Development 1

Chairperson: *Irit Amit Cohen*

Sarolta Nemeth, Maarit Sireni, Karelian Institute, University of Eastern Finland

- Orthodox cultural heritage in eastern Finland and its implications for rural development in the digital era

Davis Sansolo (1), Marcos Campolim (2)

(1) Department of Biological Sciences, Coastal Management Course, Universidade Estadual Paulista

(2) Forest Institute of São Paulo State

- Spatiality, environmental conservation and tourism in the traditional coastal communities of Sao Paulo, Brazil

Amnaj Khaokhrueamuang, Tokyo Metropolitan University

- Measuring sustainability of rural tourism in Mae Kam Pong Village and Bang Nam Phueng Village, Thailand

Irit Amit Cohen, Bar-Ilan University

- Kibbutz in transition: Values, heritage sites and tourist development

room
B3



■ C12.04 Climatology

Urban Climates 2

Chairpersons: *Hadas Saaroni, Krzysztof Fortuniak*

Nigel Tapper, School of Geography and Environmental Science, Monash University

- Mitigating urban heat and human health vulnerability through technology and water-sensitive urban design in Australian cities

Ágnes Gulyás (1), Lilla Berkes (1), Károly Fiala (2)

(1) Department of Climatology and Landscape Ecology, University of Szeged

(2) Department of Water Management and Hydrological Monitoring, Directorate for Water Management of Lower Tisza District

- Possibilities of climate conscious rainwater management on the example of a Central-European city (Szeged, Hungary)

Takehiko Mikami (1), Hiroaki Yamato (2), Wataru Morishima (3), Ikumi Akasaka (4)

(1) Department of Geography, Tokyo University

(2) Chuo University

(3) Department of Geography, Nihon University

(4) Department of Geography, Senshu University

- Reduced urban heat island intensity in Tokyo induced by the energy savings in 2011 after the Fukushima nuke crisis

Martin Jurek, Department of Geography, Palacky University Olomouc

- Geographical aspects of emissions into ambient air from local heating units: A municipal level case study for Moravia, Czech Republic

■ C12.04 Climatology

Historical Climatology 2

Chairpersons: *Rudolf Brazdil, Rajmund Przybylak*

Janusz Filipiak, University of Gdańsk

- The reconstruction of air pressure in Gdańsk in the period of instrumental observations, 1739-2010

Masumi Zaiki (1), Takehiko Mikami (2), Junpei Hirano (3)

(1) Seikei University

(2) Teikyo University

(3) National Research Institute for Earth Science and Disaster Prevention in Japan

- Data rescue of SE/E Asian meteorological records and the Japan-Asia Climate Data Program (JCDP)

Rudolf Brázdil (1), Oldřich Kotyza (2), Petr Dobrovolný (3), Ladislava Řezníčková (1), Hubert Valášek (4)

(1) Institute of Geography, Masaryk University in Brno

(2) Regional Museum in Litoměřice

(3) Masaryk University in Brno

(4) Moravian Land Archives in Brno

- Climate and hydrometeorological extremes of the sixteenth century in the Czech Lands

Lukas Dolak (1), Rudolf Brazdil (1), Hubert Valasek (2)

(1) Department of Geography, Masaryk University in Brno

(2) Moravian Land Archives in Brno

- Documentary records as a data source for the study of hydrometeorological extremes in the Bohemian-Moravian Highlands (Czech Republic) during the 18th & 19th centuries

Marián Melo (1), Katarína Melová (2), Peter Škoda (2)

(1) Department of Astronomy, Physics of the Earth and Meteorology, Comenius University

(2) Slovak Hydrometeorological Institute

- Some historical floods on the Danube in Bratislava

■ C12.11 Geographical Education

IGU, EUGEO and EUROGEO, a Challenging Network of Geographers in Education 2

Chairperson: *Joop van der Schee*

Benno Werlen, Institute of Geography, Friedrich-Schiller-University Jena

- Global understanding

Bogumiła Lisocka-Jaegermann, Faculty of Geography and Regional Studies, University of Warsaw

- Global education and geography. In search of spaces for critical thinking

Lex Chalmers, University of Waikato

- Critical interfaces: The transition between secondary and tertiary education systems



COMMISSIONS

**room
B 4**

Tuesday



COMMISSIONS

**room
B 5**

room
B6



■ C12.11 Geographical Education

Changes, Challenges and Responsibility in the School Geography Curriculum 2: Status of Geography in Countries 2

Chairperson: *Clare Brooks*

Anke Uhlenwinkel, Department of Geography, Justus-Liebig-Universitaet Giessen

- Curriculum development in Germany: Between over-regulation and de-regulation

Jacqueline Waite, US National Council for Geographic Education

- Implementation of national geography standards at the classroom level

David Oerbring, Department of Educational Sciences, Lund University

- Geographical abilities in geographical education in upper secondary school in Sweden

room
B7



■ C12.28 Local and Regional Development

Local and Regional Development in the Rural Space 2

Chairperson: *Tony Sorensen*

Chiara Certoma, Sant Anna School of Advanced Studies

- Chianti Experiences. Turning a post-rural region into a listening territory

Robert Hafner, Institute of Geography, Innsbruck University

- Unanswered questions – unquestioned answers: Regional development, socio-ecological struggles and environmental justice at the soybean frontier of globalisation. The case of the Chaco Occidental, Northwest Argentina

Izabella Łęcka, Faculty of Geography and Regional Studies, University of Warsaw

- The contemporary local development of Liwa oasis (UAE) in the eye of history and tradition

Konrad Czapiewski (1), Marcin Wójcik (2)

(1) Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) University of Łódź

- Towards a post-structuralist and cultural turn in researching rurality in Poland – a geographical perspective

■ C12.33 Political Geography

Transforming Political Geographies in the 21st century: Case Studies on Local, National and Global Scale

Chairperson: *Paul Reuber*

Borys Iatsenko, Natalyia Koroma, Department of Regional Geography and Tourism, Taras Shevchenko National University of Kyiv

- Tendency to transformations of regions and fields of power in the 21st century

Shangyi Zhou, Beijing Normal University

- A Monk's efforts at the temple near the border of Sino-Myanmar

Chih Yuan Woon, National University of Singapore

- A postpolitical Singapore? Internet spaces and the strategies and rhetoric of change in democratizing Singapore

Andrew Herzen, Institute of Geography, Russian Academy of Sciences

- Changes of the administrative and territorial division of Moldavia in Post-Soviet period and problems of reintegration



room
B 8

Tuesday

■ C12.10 Gender and Geography

Feminist Participatory Methodologies: Creating Spaces of Inclusion? 1

Chairpersons: *Martina Angela Caretta, Yvonne Riaño*

Martina A. Caretta, Stockholm University

- Triple subjectivity in knowledge construction in cross-cultural, cross-language research

Danielle Drozdowski, University of New South Wales, Australia

- Accounting for the positionalities of research and mother in the field

Verity Greenwood, Institute of Geography, Macquarie University

- Looking from the inside: Using the realm of heuristic inquiry to understand the dynamics of widowhood and its effect on health in place

Helen Wilson, Institute of Geography, University of Manchester

- Participation and participatory methodologies: An uncomfortable engagement with the geographies of prejudice

Thomas Wimark, Department of Human Geography, Stockholm University

- Performing interviews or going on dates?



room
B 9

room
B 10



■ C12.33 Political Geography

Contemporary Conflicts and New/Old Forms of Belligerence 1

Chairperson: *Elena dell’Agnese*

Till Paasche (1), *James Sidaway* (2)

(1) Soran University

(2) Department of Geography, National University of Singapore

- Peace, power, security and space in Kurdistan, Iraq: A grounded transect

Fabrizio Eva, University Ca Foscari Venice - Treviso Campus

- Toyota Wars, drones against pick-ups: A different perception of space and humans

Amael Cattaruzza, Ecoles de Saint-Cyr Coetquidan

- What could be the geography of cyberwar?

John O’Loughlin, University of Colorado

- Support for and experiences of violence under conditions of climate change: The case of Kenya

room
C 1



■ C12.14 / C12.07 / C12.15 / C12.39 / C12.30 / Mega Event Planning Research Group, Michigan State University

Mega Event Planning: Culture Capitals, Place and Identity

Chairpersons: *Benno Werlen*, *Mark Wilson*

Waldemar Cudny, University of Łódź

- Geography of festivals - a new subfield

Paul Claval (1), *Colette Annequin* (2)

(1) Universite de Paris-IV Sorbonne

(2) Sciences Sociales, Universite Grenoble II

- Marseille as the Cultural Capital of Europe 2013: Producing a new image of the city

Agnes Nemeth, Karelian Institute, University of Eastern Finland

- Multi-level participation and relational networking in preparing and implementing mega-events: The example of two European Capitals of Culture

Achim Prosssek, Department of Geography, Humboldt University Berlin

- The German Cultural Capitals Berlin (1987), Weimar (1999) and Ruhr (2010): Intentions, cultural discourses and effects on marketing and identity

Karolina Tetlak, University of Warsaw

- Destination branding and urban regeneration as justifications for tax immunity of mega events

■ C12.38 Transport and Geography

Geographical Impacts of Transport Investment and Transport Policy Change 2


 room
C2

Chairperson: *Yves Boquet*

Andrew Goetz, University of Denver

- The geographic and economic development impacts of low-cost airlines in Peripheral Regions: Comparisons between the United States and Europe

Daniel Mabazza (1), Tohru Tamura (2)

(1) Department of Geography, University of the Philippines Diliman

(2) Division of Engineering and Policy for Cold Regional Environment, Hokkaido University

- Effects of toll-free expressways on population movement

Yves Boquet, Universite de Bourgogne

- Linking the islands: A comparison between Japan and the Philippines

Richard Knowles (1), Fiona Ferbrache (2)

(1) School of Environment and Life Sciences, University of Salford

(2) School of Geography, Oxford University

- Economic impacts on cities of investment in light rail systems

■ Thematic session:

Remote Sensing in Environmental Studies 1

Chairperson: *Bogdan Zagajewski*

Bibek Bhuyan, S Sreeekesh, Jawaharlal Nehru University New Delhi

- Dynamics of land use, land cover and its impact on wetland ecosystem: A case study of Deepor Beel Ramsar Site in Guwahati, Assam, India

Sudhakar Pardeshi (1), Suchitra Pardeshi (2)

(1) Department of Geography, University of Pune

(2) Department of Geography, Annasaheb Magar College Hadapsar, University of Pune

- Identification and delineation of laterite crust and overburden using Landsat data

Bogdan Zagajewski (1), Adriana Marcinkowska (1), Edwin Raczko (1), Anna Jarocińska (1), Adrian Ochtyra (1), Magdalena Zwijacz-Kozica (2), Tomasz Zwijacz-Kozica (2), Lidia Przewoźnik (3), Marek Dobrowolski (3), Lucie Kupkova (4), Premysl Stych (5)

(1) Department of Geoinformatics and Remote Sensing, Faculty of Geography and Regional Studies, University of Warsaw

(2) Tatra National Park

(3) Karkonosze National Park

(4) Faculty of Science, Department of Applied Geoinformatics and Cartography, Charles University in Prague

(5) VITO

- Imaging spectroscopy and artificial neural networks in classification of mountain plant communities of protected areas

Tuesday

 room
C3

room
C 4



■ **C12.34 Population Geography**

Migrations: Internal. Spatial Patterns and Models 2

Chairperson: *Alina Potrykowska*

Genghe Gao, Department of Resources and Environment Science, Henan University of Economics and Law

- A study on the distribution of migrant workers' employment destinations

Brooke Wilmsen (1), *Mark Wang* (2)

(1) School of Social Sciences and Communications, La Trobe University

(2) Department of Resource Management and Geography, The University of Melbourne

- Voluntary and involuntary resettlement in China: A false dichotomy

Eva Thulin, *Bertil Vilhelmson*, Department of Human Geography, University of Gothenburg

- The Internet and the migration process: The role of virtual practices in the pre-migrant phase

room
C 5

■ **Thematic session:**

Demographic Faces of Cities in the Developed and Developing World 2

Chairpersons: *Daniela Szymańska*, *Jadwiga Biegańska*

Elżbieta Grzelak-Kostulska, *Jadwiga Biegańska*, Department of Urban Studies and Regional Development, Nicolaus Copernicus University

- Long-term trends in population reproduction of Polish cities

Liudmila Fakeyeva, Faculty of Geography, Belarusian State University

- Population dynamics of Central and Eastern European capital cities in transition period (case study of Minsk and Budapest)

Mirośław Wójtowicz (1), *Sławomir Kurek* (1), *Jadwiga Gałka* (2)

(1) Institute of Geography, Pedagogical University of Cracow

(2) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- The impact of migration on the demographic growth of city and its hinterland: The example of Kraków Metropolitan Area (KMA)

room
C 6



■ **C12.03 Biogeography and Biodiversity**

Climate Change and Dynamics of Mountain Ecosystems 2

Chairpersons: *Udo Schickhoff*, *Suraj Mal*

Kazuharu Mizuno, *Tomohiro Fujita*, Graduate School of Asian and African Area Studies, Kyoto University

- Duration from glacial disappearance, altitude, and land surface sediments in relation to vegetation distribution in the Bolivia Andes

Tino Johansson, International Center of Insect Physiology and Ecology

- Effects of global change on integrated pest management in East African Mountains

Michael Drielsma, Glenn Manion, Kristen Williams, Jamie Love, Subhashni Taylor
University of New England

- Modelling climate-induced emergent patterns of biodiversity at biogeographic scales to inform conservation in south-eastern Australia

■ C12.22 Islands

The Futures of Islands 2

Chairperson: *Maciej Jędrusik*

Roger McLean, Department of Physical, Environmental and Mathematical Sciences, University of New South Wales-Canberra

- Is there a future for atoll island nations in the face of climate change and sea level rise?

Huei-Min Tsai, Graduate Institute of Environmental Education, National Taiwan Normal University

- Rebuilding social-ecological systems for a resilient island future:
A case study on Pongso-no-Tau (Orchid Island, Taiwan)

Marcella Schmidt Di Friedberg, Stefano Malatesta, University of Milano Bicocca

- The right place. Regional and local models of waste management in the Republic of Maldives

Su Bing Chang, National Taiwan Normal University

- The prospect of human ecology on Sea Turtle in Taiwan: Legend and beliefs

■ Thematic session:

Artists and the Challenges of Contemporary Urban Development 2: Artistic Interventions

Chairpersons: *Jarosław Działek, Monika Murzyn-Kupisz*

Niamh Moore-Cherry, School of GPEP, University College Dublin

- Beyond art in “meanwhile spaces”: The role of creatives in urban citizenship and sustainability

Clotilde Kullmann, Institut de Geographie de Paris

- The originality of the artistic contribution in the creation of an urban project :
The Mixt Development Zone Paris Rive Gauche in France

Ewelina Woźniak-Szpakiewicz, Cracow University of Technology

- Temporality and urban change. Architectural events as catalysts of urban transformations?

Martin Barthel, Karelian Institute, University of Eastern Finland

- Reclaiming the Wall. The artistic recovery of the Berlin Wall since 1989

Cameron McAuliffe, University of Western Sydney

- Graffiti writing in central Sydney. Agonistic pathways to a street art milieu



room
C7

Tuesday

room
C8

room
C 9

■ **Thematic session:**

Inclusionary Youth Geographies: Changes, Challenges and Responsibilities 2

Chairpersons: *Fiona M. Smith, Matej Blazek, Kathrin Hörschelmann*

This session is co-sponsored by the Geographies of Children, Youth and Families Research Group of the Royal Geographical Society (with the Institute of British Geographers)

Dena Aufseeser, Department of Geography and Environmental Systems, University of Maryland Baltimore County

- Exploring contradictions in youth participation: An examination of young people's political activism, the Peruvian child and adolescent workers movement, and informal street work

Susanne Stenbacka (1), *Ann Grubbström* (1), *Gunnel Forsberg* (2)

(1) Department of Social and Economic Geography, Uppsala University

(2) Department of Human Geography, Stockholm University

- Gendered youth strategies in a society of change: Breaking or reproducing the local gender contract?

Gill Valentine, University of Sheffield

- Creating inclusionary futures: The challenge for young people of living with difference

Louise Holt (1), *Jennifer Lea* (2), *Sophie Bowlby* (1)

(1) Department of Geography, Loughborough University

(2) Department of Geography, University of Exeter

- Youth sociality and cultures: Inclusions, exclusions, participation and marginalisation, questions of intersectionality and context

1 pm – 2 pm LUNCH BREAK

room
B 3

■ **Special session by IGU Commission 12.10**
Gender and Geography

room
B 0

■ **Plenary session: Changes**

Prof. Virginie Duvat-Magnan, Université de Rochelle-CNRS, Institut du Littoral et de l'Environnement, France

- Environmental changes at the coast and related challenges for societies

Prof. Dr. Benno Werlen, Executive Director of IYGU, Friedrich-Schiller-University of Jena, Germany

- 2016 The UN International Year of Global Understanding (IYGU) – The UN International Year of Geography

3:30 pm – 4 pm COFFEE BREAK

■ Thematic session:

New Perspectives in Landscape Fragmentation and Connectivity Assessment

Chairpersons: *Katarzyna Ostapowicz, Elżbieta Ziółkowska*

Katarzyna Ostapowicz, Elżbieta Ziółkowska, Institute of Geography and Spatial Management, Jagiellonian University in Krakow

- Assessment of landscape spatial pattern on categorical and gradient models – what is the future?

Peter Vogt, IES, European Commission

- GuidosToolbox: State and trend analysis in digital landscape images

Vilém Pechanec (1), Jan Purkyt (2,3), Pavel Cudlín (2)

(1) Department of Geoinformatics, Palacký University in Olomouc

(2) Global Change Research Centre, Academy of Sciences of the Czech Republic

(3) Department of Plant Production and Agroecology, University of South Bohemia

- The influence of landscape fragmentation on the selected ecosystem service provision

room
A 2

Tuesday

■ Thematic session:

Daily Mobility in (New) Inner-City Areas

Chairperson: *Julia Jarass*

Wolfgang Scholz, Lisa Reudenbach, Department of Urban and Regional Planning, Faculty of Spatial Planning, Technical University Dortmund

- The dreams of the emerging middle class and the struggle for livelihood of the urban poor - both ends in the traffic jam. Experiences from Dar es Salaam/Tanzania

Wenzhong Zhang, Department of Economic Geography, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

- The correlated decision process of house move and job change and its heterogeneity: A case study of Beijing

Suhong Zhou, Beijing Normal University

- The dynamic of the city: The space-time analysis of Guangzhou City based on floating car big-data

room
A 3

■ C12.06 Cold Region Environments

Arctic Integrated Geographical Research and Observation Networks 1

Chairpersons: *Tatiana Vlasova, Nancy Doubleday*

Nancy Doubleday, McMaster University in Hamilton

- Arctic impacts and social-cultural-ecological axes of change



room
A 4

Tatiana Vlasova (1), Sergey Volkov (2)

(1) Institute of Geography, Russian Academy of Sciences

(2) Institute of Agricultural Economy, Russian Academy of Agricultural Sciences

- Geographical approaches for the integrated Arctic socially-oriented system network construction

Marie-Jeanne Royer (1), Thora Herrmann (2)

(1) Department of Geography and Earth Sciences, Aberystwyth University

(2) Departement de Geographie, Universite de Montreal

- Changing meteorological conditions in the subarctic eastern James Bay, Canada: A case study in combining Cree hunters' and scientific observations

Yury Golubchikov (1), Mihail Golubchikov (2)

(1) Moscow State M. V. Lomonosov University

(2) Institute of Geoecology, Russian Academy of Sciences

- The contemporary periglacial environments

Wiesław Ziąja, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- SE Spitsbergen landscape transformation under climate warming since 1899/1900 and nature conservation since 1973

■ C12.39 Urban Commission: Urban Challenges in a Complex World Complex Urban Systems 1

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Ekaterina Antipova, Faculty of Geography, Belarusian State University

- Urbanization trends and functional structure of cities of the Republic of Belarus in the post-socialist period

Michela Lazzeroni, Department of Civilisations and Forms of Knowledge, University of Pisa

- Building resilient cities: The role of local strategies for the development of small cities

Pavel Em, Vyacheslav Shuper, Department of Social and Economic Geography, Institute of Geography, Russian Academy of Sciences

- Fractal approach for the fuzzy central place systems' analysis

room
A 5



room
A 6



■ C12.24 Land Degradation and Desertification Land Degradation and Environmental Change 3

Chairpersons: *Pawel Prokop, Paul Hudson*

Rosa Cidu, Riccardo Biddau, Elisabetta Dore, Andrea Vacca, Department of Chemical and Geological Sciences, University of Cagliari

- Antimony occurrence and mobility in an area impacted by a former stibnite mine in Sardinia (Italy)

Shuichi Oyama, Center for African Area Studies, Kyoto University

- Ecological knowledge and daily practices of hausa cultivators to land degradation in Sahelian Niger

Pawel Prokop (1), Dominik Płoskonka (2)

(1) Department of Geoenvironmental Research, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Office of Hydrological Forecasts, Institute of Meteorology and Water Management – National Research Institute of Poland

- Impact of tea and rice cultivation on soil carbon loss of the Sikkim Himalayan piedmont

Business meeting of the IGU Commission C12.24 Land Degradation and Desertification (5 pm - 6 pm)

■ C12.08 Dynamics of Economic Spaces

Financial Geography 3

Chairperson: *Dariusz Wójcik*

Sabine Doerry, School of Geography and the Environment, University of Oxford

- Luxembourg's role as a financial centre for the expanding asset management industry: A mutual blessing?

Natacha Aveline-Dubach, Géographie-Cités, Université Paris I, French National Research Center

- The impediments of REIT development in China: Beyond the 'immaturity' of China's finance and investment-grade property supply

Pawel Motek, Tomasz Kossowski, Adam Mickiewicz University in Poznań

- Local public finance in Poland: A spatial approach

Marta Boguś, Institute of Geography, Pedagogical University of Cracow

- Diversification of the economic potential of the international banking corporations

■ C12.15 Geography of Tourism, Leisure, and Global Change

Panel session: Publishing Tourism Geographies

Chairperson: *Dieter K. Mueller*

■ C12.29 Marginalization, Globalization, and Regional and Local Responses

Changing Nature of Globalization, Marginalization and Marginality: New Challenges for Understanding and Responding 2: Ethnic and Deprived Social Groups and Marginalization

Chairperson: *Stanko Pelc*

Maaria Niskala, Juha Ridanpää, Department of Geography, University of Oulu

- Ethnic representations and social exclusion in tourism promotion



COMMISSIONS

room
A 7

COMMISSIONS

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A 8

COMMISSIONS

room
A 9

Tadeusz Siwek, Faculty of Science, University of Ostrava

- Identity of Negritos in the Philippines and its recent changes

Keith Bosak (1), Raghbir Chand (2), Sarah Halvorson (3)

(1) Department of Society and Conservation, University of Montana

(2) Department of Geography, Kumaon University

(3) Department of Geography, University of Montana

- Impacts of climate change and changes in socio-economic structure on indigenous populations in the Garhwal Himalaya, India

Leizel Williams-Bruinders, Anton de Wit, Department of Geosciences, Nelson Mandela Metropolitan University

- Living on the edge: The challenges of the urban poor in Port Elizabeth, South Africa

BUILDING B

Tuesday 19th August

4 pm – 5:45 pm

room
B 1

■ Thematic session:

Religion and changes of socio-economic and cultural space of cities and regions 1

Chairpersons: *Antoni Jackowski, Elżbieta Bilaska-Wodecka, Izabela Sołjan*

Antonymsamy Sagayaraj, Department of Anthropology and Philosophy, Nanzan University

- Caste conflicts among Christian communities in Tamil Nadu, India: A continuum of a hierarchically-ordered social space?

Subbiah Shanmugam Pillai (1), Yoshio Sugimoto (2), Seiko Sugimoto (3), Sagayaraj Antony Samy (4)

(1) Anna Centre for Public Affairs, University of Madras

(2) National Museum of Ethnology of Japan

(3) Kyoto Bunkyo University

(4) Nanzan University

- Dynamics of religious spaces and multiplicity of factors: A case study of Thiruppurambiyam in Tamil Nadu, India

Ying Nan, School of Geography, University of Leeds

- Tourism and transformation of religious spaces of Tibetan Bon religion in Jiuzhaigou National Park, China

Claire Dwyer, Department of Geography, University College London

- Faith, migration and suburban change: New religious landscapes in Canada

■ C12.35 Sustainability of Rural Systems

Heritage and Tourism for a Sustainable Territorial Development 2


 room
B2

Chairperson: *Lucka Lorber*

Milada Stastna, Antonín Vaishar, Department of Applied and Landscape Ecology, Mendel University in Brno

- Tourism as an alternative activity for the development of the South-Moravian countryside

Wolfgang Fischer, Institute of Geography and Regional Science, University of Graz

- How to improve cultural management and tourism structures for industrial heritage for a sustainable regional development

Lucka Lorber, Department of Geography, Faculty of Arts, University of Maribor

- Rural values as an development factor for sustainable tourism in rural areas

Rahman Nurkovic (1), Semsudin Dzeko (2)

(1) Department of Geography, University of Sarajevo

(2) Tourism Association of Sarajevo Canton

- Rural tourism as a factor of development of economic activities in rural areas of Bosnia and Herzegovina

Yukari Nakadai, Rikkyo University

- Social structure and self-sufficiency in mountainous communities

■ C12.04 Climatology

Urban Climates 3


 room
B3

Chairpersons: *Hadas Saaroni, Krzysztof Fortuniak*

Annick Douguedroit, Sébastien Bridier, Department of Geography, Planning and Environment, Aix-Marseille Université

- Les îlots de chaleur (ICU) nocturnes des villes méditerranéennes françaises (1951-2010)

Krzysztof Fortuniak, Kazimierz Kłysik, Włodzimierz Pawlak, Agnieszka Podstawczyńska, Joanna Wibig, Mariusz Siedlecki, Mariusz Zieliński, Department of Meteorology and Climatology, University of Łódź

- Climate of Łódź, Central Poland: Selected results from over 50-years long studies on urban climate in mid-European city

Jan Geletič (1), Michal Lehnert (2)

(1) Department of Geography, Faculty of Science, Masaryk University Brno

(2) Department of Geography, Faculty of Science, Palacký University Olomouc

- Prospects and problems of the classification of Local Climate Zones through the example of medium-sized Central European cities and their surroundings

Stevan Savic (1), Janos Unger (2), Dragan Milosevic (1), Eniko Lelovics (2), Tamas Gal (2)

(1) Faculty of Science, University of Novi Sad

(2) Department of Climatology and Landscape Ecology, University of Szeged

- Mapping of Local Climate Zones in two neighbouring Central-European cities located in similar geographical environments

Juuso Suomi, Department of Geography and Geology, University of Turku

- Spatiotemporal characteristics of urban heat island during different weather patterns: A case study in Turku, SW Finland

room
B 4



■ C12.04 Climatology Historical Climatology 3

Chairpersons: *Rudolf Brazdil, Rajmund Przybylak*

Ladislava Řezníčková (1), Rudolf Brázdil (2), Hubert Valášek (3), Andrea Kiss (4), Oldřich Kotyza (5)

- (1) Global Change Research Centre AS CR, Brno
- (2) Department of Geography, Masaryk University
- (3) Moravian Land Archives, Brno
- (4) Department of Physical Geography and Geoinformatics, University of Szeged
- (5) Regional Museum in Litoměřice

- Past locust outbreaks in relationship to climatic patterns in the Czech Lands

Tadeusz Niedźwiedz (1), Magdalena Opała (1), Oimahmad Rahmonov (2), Łukasz Małarzewski (1)

- (1) Department of Climatology, University of Silesia
- (2) Department of Physical Geography, University of Silesia

- Possibility of climate reconstruction in the mountains of Central Asia based on dendrochronological data

Petr Dobrovolny (1), Rudolf Brázdil (1), Michal Rybníček (2), Tomáš Kolář (2), Ulf Buentgen (3), Hubert Valášek (4), Oldřich Kotyza (5)

- (1) Department of Geography, Masaryk University in Brno
- (2) Dendrochronological Laboratory, Mendel University in Brno
- (3) Department of Dendroecology, Swiss Federal Research Institute for Forest, Snow & Landscape (WSL)
- (4) Moravian Land Archives in Brno
- (5) Regional Museum in Litoměřice

- Wet and dry seasons identified in documentary sources and oak tree-ring chronology in the Czech Lands over the last millennium

room
B 5

■ Thematic session:

Geographic Information Technology in Teaching – State-of-the Art at School and University

Chairpersons: *Angela Hof, Stefanie Zecha*

Cordula Neiberger, Matthias Mensing, Department of Geography, RWTH Aachen University

- UNI-GEOCACHING - the (treasure) hunt for knowledge

Luc Zwartjes, Philippe De Maeyer, Nico Van de Weghe, Geography Department, Ghent University

- How to tackle the problems of implementing spatial thinking using GIS in secondary education. Ideas and tools from Europe

Steffen Höhnle (1), Jan Christoph Schubert (2)

(1) Department of Geographical Education, Friedrich-Alexander University of Erlangen-Nuremberg

(2) Department of Biology, Friedrich-Alexander University of Erlangen-Nuremberg

- Development of strategies for implementation of GIS in the geography classroom: Selected results of a mixed-methods research approach

Masaki Kawase (1), Yoshihiko Takesaki (2), Satoshi Iwai (3), Hiroshi Ota (4), Masanori Saki (5), Midori Sasaki (6), Yasumichi Yamaguchi (7), Yoshimi Une (8)

(1) Faculty of Commercial Sciences, Hiroshima Shudo University

(2) Chugoku Bookstore

(3) Department of Architectural Engineering, Faculty of Engineering, Hiroshima Institute of Technology

(4) Keio Futsubu School

(5) Department of Civil Engineering, Hiroshima Institute of Technology Polytechnic

(6) Faculty of Human Environmental Studies, Hiroshima Shudo University

(7) GIS coordinator, Hiroshima University

(8) The Center for Contemporary India Studies, Hiroshima University

- Peace learning to inform the next generation atomic bombing by field work and GIS mapping of atomic bomb's signs in Hiroshima, Japan

■ Thematic session:

Geographical Education in the Development of Competence - Challenges

Chairpersons: *Bożena Wójtowicz, Mariola Tracz*

Wiktoria Osuch (1), Petra Karvankova (2)

(1) Institute of Geography, Pedagogical University of Cracow

(2) Department of Geography, University of South Bohemia

- Selected aspects of innovation in the training of geography teachers in Poland and the Czech Republic

Bożena Wójtowicz, Agnieszka Świętek, Institute of Geography, Pedagogical University of Cracow

- Innovations in multicultural education, on example of Roma ethnic minority education in Poland

Iwona Piotrowska, Małgorzata Cichoń, Department of Geography Teaching and Ecological Education, Adam Mickiewicz University in Poznań

- Role of the teaching of geography in the formation of key skills in the age of civilisational change

Joanna Zawiejska, Institute of Geography, Pedagogical University of Cracow

- Shaping modern pro-environmental attitudes in geography education: The image of rivers in geography textbooks

Mariola Tracz, Institute of Geography, Pedagogical University of Cracow

- Geography school textbooks in the development of competence - a case study of Poland

Tomasz Rachwał, Monika Płaziak, Department of Entrepreneurship and Spatial Management, Institute of Geography, Pedagogical University of Cracow

- Developing entrepreneurial competencies of geography students in Polish universities as a response to the challenges of modern society

room
B7



■ C12.28 Local and Regional Development

Local and Regional Development in the Rural Space 3

Chairperson: *Carmen Vázquez Varela*

Marcin Mazur, Department of Rural Geography and Local Development, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Location and accessibility as a factor of Polish rural areas development

Dovil Krupickaite, Edis Kriaunas, Institute of Human Geography and Demography, Lithuanian Social Research Center

- Trends of changes in Lithuanian rural settlements network and functions

Michael Sofer, Department of Geography and Environment, Bar-Ilan University

- Revisiting the rural periphery: Continuity and change in Kadavu Island, Fiji

Guo-Fang Ding, Chiung-Wen Chang, Department of Taiwan and Regional Studies, National Dong Hwa University

- Changes of subjectivity under the multiple resource inputs in the disadvantaged rural region - a case study in Kalala tribe

Tuesday

room
B8

■ Thematic session:

History of Geographical Research in Central and Eastern Europe

Chairpersons: *Antoni Jackowski, Leszek Starkel*

Antoni Jackowski, Izabela Soljan, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- The development of Polish geography from the Middle Ages until the end of the Second World War

Leszek Starkel, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- The post-Second World War explosion of Polish geography

Antoni Jackowski, Elżbieta Biłska-Wodecka, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- 14th Congress of the International Geographical Union in Warsaw, 1934, and its significance for the development of Polish geography

■ C12.10 Gender and Geography

Feminist Participatory Methodologies: Creating Spaces of Inclusion? 2

Chairpersons: *Martina Angela Caretta, Yvonne Riaño*

Yvonne Riaño, Institute of Geography, University of Bern

- How to overcome unequal relations of power between the researcher and her / his subjects? Identifying barriers to equity

Lucy Szablewska, Department of Geography, Durham University

- Vignettes - a practical tool for feminist participatory methodologies

Ragnhild Lund (1), Smita Panda (2)

(1) Department of Geography, Norwegian University of Science and Technology

(2) School of Management, Centurion University

- Narrating spaces of inclusion and exclusion in research - examining knowledge produced by research participants

Noora Pyyry, Department of Teacher Education, University of Helsinki

- A journey with participatory methods in research into teenage girls' hanging out

Kathryn Cassidy, Department of Geography, Northumbria University

- The role of intimacies in co-producing research on covert and clandestine practices



COMMISSIONS

room
B 9

Tuesday

■ C12.33 Political Geography

Contemporary Conflicts and New / Old Forms of Belligerence 2

Chairperson: *Elena dell'Agnese*

Simona Epasto, Department of Cognitive Sciences, Educational and Cultural Studies, University of Messina

- The "renewed" wars of the post-bipolar period and the „new peace“. Analysis and perspectives to highlight the lack of logical, spatial and temporal interruption of today's phenomena of belligerence

Peter Remenyi, Aron Lephart, Department of Political Geography and Regional Development, University of Pecs

- Contested places in post-conflict spaces: Examples from former Yugoslavia

Antonio Violante, Department of Cultural Heritage and Environment, University of Milan

- Srebrenica: where the war never ended

Ibrahim Alfaggy, Institute of Diplomatic Studies of the Ministry of Foreign Affairs of Saudi Arabia

- Impacts of refugees crisis crossing borders during Arab Uprising



COMMISSIONS

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B 10

room
C 1



■ **C12.14 / C12.07 / C12.15 / C12.39 / C12.30 / Mega Event Planning**
Research Group, Michigan State University

Mega Event Planning; Urban Impacts and Legacies

Chairpersons: *Valerie Viehoff, Mark Wilson*

Anna Casaglia, Department of Sociology and Social Research, University of Milano Bicocca

- Italian social centres challenging post industrial governance and mega events in Genoa, Turin and Milan

Gilmar Mascarenhas de Jesus, Geography Department, State University of Rio de Janeiro

- The urban impact and legacy of sports mega-events: The Barcelona model and a critical evaluation of London 2012 and Rio de Janeiro 2016

Karolina Tetlak, Faculty of Law and Administration, University of Warsaw

- Tax planning for the Soccer World Cup

Valerie Viehoff, University of East London

- Planning for sustainable legacies: A comparative study of Munich 1972 and London 2012

Andrey Makarychev (1), *Alexandra Yatsyk* (2)

(1) Institute of Government and Politics, University of Tartu

(2) Department of Journalism, Kazan Federal University

- Borders, spaces and mega-events in Eastern Europe: The case of Euro-2012 in Lviv

room
C 2



■ **C12.38 Transport and Geography**

Geographical Impacts of Transport Investment and Transport Policy Change 3

Chairperson: *Andrew Goetz*

Piotr Trzepacz, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Land use changes in airports vicinity - attempt to systemize trends

Bartosz Bartosiewicz, Szymon Wiśniewski, Department of the Built Environment and Spatial Policy, Faculty of Geographical Sciences, University of Łódź

- Application of modern IT in transport accessibility research

Michael Niedzielski, Department of Geography, University of North Dakota

- Developing a method for assessing and improving urban accessibility with application to jobs and public services

Julie Cidell, Department of Geography & GIS, University of Illinois

- Going off-track: Cities, suburbs, and the appropriate place and use of transportation infrastructure

■ Thematic session:

Remote Sensing in Environmental Studies 2

Chairperson: *Bogdan Zagajewski*

Natalia Kolecka (1), Katarzyna Ostapowicz (1), Monika Dobosz (1), Jacek Kozak (1), Achilleas Psomas (2), Christian Ginzler (2)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Department of Landscape Dynamics, Swiss Federal Institute for Forest, Snow and Landscape Research WSL

- Mapping land abandonment with LiDAR data and aerial imagery: The Polish Carpathians case study

Anupam Anand, Geographical Sciences, Global Land Cover Facility, University of Maryland

- Lidar Remote Sensing for studying spatio-temporal variability of undercanopy solar radiation

Andrey Medvedev, Department of Cartography, Institute of Geography, Russian Academy of Sciences

- Monitoring environment components on the basis of UAV's data

Peddada Jagadeeswara Rao, Department of Co-operation and Applied Economics, Andhra University

- Fluvio-morphological study on silt/sediment deposition in Meghadrigedda Reservoir, Visakhapatnam, India

■ C12.34 Population Geography

Migrations: International. Spatial Patterns and Models 1

Chairperson: *Alina Potrykowska*

Nikola Sander, Guy Abel, Wittgenstein Centre, Vienna Institute of Demography

- Quantifying and visualising migration flows around the globe, 1990-2010

Heinz Fassmann (1), Attila Melegh (2), Elisabeth Musil (1), Ramon Bauer (1), Kathrin Gruber (1)

(1) Department of Geography and Regional Research, University of Vienna

(2) Hungarian Central Statistical Office

- Migration transformations in South-East European countries: From emigration to immigration?

Milena Spasovski, Danica Santic, Faculty of Geography, University of Belgrade

- Serbia in the international migration system

Gabor Lados, Department of Social and Economic Geography, University of Szeged

- Return and opportunities. The case of Hungarian returnees with different skills

Piotr Trzepak, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Football player transfers as an example of economic migration

room
C 3

Tuesday



room
C 4

room
C 5

■ **Thematic session:**

Global Retail Corporations and their Regional Impact

Chairpersons: *Ulrich Jürgens, Tomasz Kaczmarek*

Barbara Hahn, Institute of Geography, Wuerzburg University

- The failure of retail internationalization

Lech Suwala, Elmar Kulke, Department of Economic Geography, Humboldt University of Berlin

- Internationalization of grocery retailers in developing countries

Martin Franz, Alexandra Appel, Department of Geography, Philipps-Universität Marburg

- Resistance, resilience or reworking: Strategies of intermediaries in agro-food networks in times of transforming food market structures in Turkey

Jaroslav Maryas, Josef Kunc, Petr Tonev, Zdenek Szczyrba, David Fiedor, Department of Regional Economics and Administration, Faculty of Economics and Administration, Masaryk University in Brno

- Travel to retail and services in the Brno Hinterlands - the comparison between the recent and the socialism periods

room
C 6



■ **C12.03 Biogeography and Biodiversity**

**Biogeographical Distributions, Gradients, Disturbances:
The Indian Subcontinent in Focus**

Chairpersons: *R.B. Singh, Udo Schickhoff*

Mohan Pathak, Department of Geography, SMRDPG College in Bhurkura Ghazipur UP India

- Agrobiodiversity in floodplain farming: Some consideration with a part of the Ganga River floodplain

Ritwika Mukherjee, Jawaharlal Nehru University in New Delhi

- The changing pattern of aridity and its implication on the spatio-temporal variability of vegetation vigor: A case study of Rajasthan, India

Dharmender Singh Chauhan, Department of Geography, University of Rajasthan Jaipur

- Geo-environmental study of the natural vegetation in Rajasthan: A special reference of Shekhawati Region, Rajasthan, India

room
C 7



■ **C12.22 Islands**

The Futures of Islands 3

Chairperson: *Maciej Jędrusik*

Shui-Liang Yu, Department of Tourism and Leisure, National Penghu University of Science and Technology

- Adaptive capacity of fishing communities in Penghu Islands

Kirill Ganzei, Pacific Geographical Institute, Far Eastern Branch, Russian Academy of Sciences

- Vegetation asymmetry on Kurile Islands

Bor-Wen Tsai, Department of Geography, National Taiwan University

- Civilian geoinformatic technology for community-based monitoring

Business meeting of the IGU Commission C.12.22 Islands (6 pm - 7 pm)

■ C12.30 Mediterranean Basin

Ethnic Minorities, Structures of Mobility in a Global Reality - EU 7FP Marie Curies IRSES, MEDCHANGE Project 612639

Chairpersons: *Maria Paradiso, Izhak Schnell*

Ilan Shdema, Department of Middle East Studies, Ben-Gurion University of the Negev

- Arabs' socio-spatial integration with Jews in mixed cities in Israel: The case of Lod and Ramla

Maria Paradiso, Department of Social Sciences, Geography Unit, University of Sannio

- Engendered mobilities in the Mediterranean: Narratives from Muslim migrants women from an Italian case study

Izhak Schnell, Department of Geography and Human Environment, Tel Aviv University

- The impact of commuting to Jewish spaces on Arabs' from residentially segregated towns in Israel on socio spatial integration

■ Thematic session:

Inclusionary Youth Geographies: Changes, Challenges and Responsibilities 3

Chairpersons: *Fiona M. Smith, Matej Blazek, Kathrin Hörschelmann*

This session is co-sponsored by the Geographies of Children, Youth and Families Research Group of the Royal Geographical Society (with the Institute of British Geographers)

Naaz Rashid, Sociology Department, University of Manchester

- A tale of three cities: A role models road show for Muslim girls

Hoda Ibrahim, Matej Blazek, Department of Geography, Loughborough University

- Young Somali women in the UK: Remittance, intergenerational relationships and emerging political subjectivities

Fiona M. Smith, Geography School of the Environment, University of Dundee in Perth

- Inclusion, youth and geography: Revisiting the debate



room
C 8

Tuesday

room
C 9

Poster exhibition

Tuesday, 19.08.2014, 9 am – 5:45 pm

building
B



■ C12.04 Climatology Urban Climates

Sascha Henninger, Department of Physical Geography, University of Kaiserslautern

- Urban climate - urban planning - human health

Sascha Henninger (1), *Martin Fabisch* (1), *Hadas Saaroni* (2), *Tali Hatuka* (2)

(1) Department of Physical Geography, University of Kaiserslautern

(2) Department of Geography and the Human Environment, Tel Aviv University

- Numeric simulation of microclimate modifications in a Mediterranean coastal urban park

Katarzyna Lindner-Cendrowska, *Krzysztof Błazejczyk*, Faculty of Geography and Regional Studies, University of Warsaw

- Assessment of heat stress and tourism bioclimate potential for the selected Polish cities

Dominik Gargol (1), *Aleksandra Jakubowska* (2)

(1) Department of Physical Geography, Pedagogical University in Cracow

(2) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Bioclimate of Krakow in relation to atmospheric circulation on the ground of UTCI and NTE

Zheng Tan, Department of Geography and Resource Management, The Chinese University of Hong Kong

- Investigation on the thermal impacts of surface albedo and greenery to urban micro-climate

Sookuk Park, Horticultural Science, College of Applied Life Science, Jeju National University

- Korean human thermal sensation (comfort) model

Attila Kovács (1), *János Unger* (1), *Noémi Kántor* (2)

(1) Department of Climatology and Landscape Ecology, University of Szeged

(2) Research Center for the Humanities and Social Sciences, Program of Landscape and Recreation, National Chung Hsing University

- Comparison of tourism climatic potential of Central European places with modified tourism Climatic Index using different thermal sensation ranges

Lilla Andrea Égerházi (1), *Attila Kovács* (1), *Ágnes Takács* (1), *Noémi Kántor* (2)

(1) Department of Climatology and Landscape Ecology, University of Szeged

(2) Research Center for the Humanities and Social Sciences, Program of Landscape and Recreation, National Chung Hsing University

- Complex thermal comfort evaluation of a popular playground and its application in planning practice

Zheng Tan, Department of Geography and Resource Management, The Chinese University of Hong Kong

- Review of urban energy balance observation technique and urban surface characteristic study

Krzysztof Fortuniak, Włodzimierz Pawlak, Mariusz Siedlecki, Kazimierz Kłysik, Department of Meteorology and Climatology, University of Łódź

- Energy balance of the mid-European city centre: Łódź case study

Joanna Uscka-Kowalkowska (1), Rafał Maszewski (1), Mieczysław Kunz (2), Andrzej Arażny (1), Marek Kejna (1), Rajmund Przybylak (1)

(1) Department of Meteorology and Climatology, Nicolaus Copernicus University
(2) Department of Geomatics and Cartography, Nicolaus Copernicus University

- Diversity of air temperature and humidity in Toruń in 2012

Marek Kejna (1), Joanna Uscka-Kowalkowska (1), Rafał Maszewski (1), Andrzej Arażny (1), Mieczysław Kunz (2), Rajmund Przybylak (1)

(1) Department of Meteorology and Climatology, Nicolaus Copernicus University
(2) Department of Geomatics and Cartography, Nicolaus Copernicus University

- Global solar radiation in Toruń and its suburban area in 2012

Anita Bokwa (1), Monika Hajto (2), Jakub Walawender (1, 2), Mariusz Szymanowski (3)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków
(2) Institute of Meteorology and Water Management– National Research Institute of Poland
(3) Department of Geoinformatics and Cartography, University of Wrocław

- Influence of diversified relief on urban heat island in the city of Krakow, Poland

Włodzimierz Pawlak, Krzysztof Fortuniak, Mariusz Siedlecki, Mariusz Zieliński, Department of Meteorology and Climatology, University of Łódź

- Long-term measurements of turbulent carbon dioxide net flux on urbanized area in comparison with agricultural terrain and wetlands

Mieczysław Leśniok (1), Mariola Jabłońska (2), Janusz Janeczek (2), Łukasz Malarzewski (1), Tadeusz Niedźwiedz (1), Joanna Kasznia-Kocot (3), Ewa Krakowiak (3)

(1) Chair of Climatology, University of Silesia
(2) Chair of Geochemistry, Mineralogy and Petrography, University of Silesia
(3) Institute of Labour Medicine and Environmental Health in Sosnowiec

- Concentration and mineral composition of airborne particulate matter related to the meteorological conditions and its impact on children's health in the urban environment

■ C12.04 Climatology

Polar and Mountain Climates

Agnieszka Sulikowska, Krzysztof Mitka, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Temperature anomalies in high latitudes (the example of Alaska and Iceland)

■ C12.04 Climatology

Historical Climatology

Ryszard J. Kaczka, Barbara Czajka, Faculty of Earth Science, University of Silesia

- Tree-ring reconstruction of climate and spatiotemporal variation in the growth / climate response of the Carpathian Mountains



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■ C12.08 Dynamics of Economic Spaces

Financial Geography

Thierry Theurillat, Victoriya Salomon, Olivier Crevoisier, Group of Research in Territorial Economy, University of Neuchâtel

- The emerging forms of financing innovative start-ups: Evidence from Switzerland



■ C12.11 Geographical Education

Changes, Challenges and Responsibility in the School Geography Curriculum

Anna Faliszewska, Faculty of Geography and Regional Studies, University of Warsaw

- Unusual view of the world - value-by-area-cartograms in schools

Gurgen Hovhannisyanyan, Yerevan State University

- From the history of school geography contents development in the schools of Armenia



■ C12.11 Geographical Education

IGU, EUGEO and EUROGEO, a Challenging Network of Geographers in Education

Anita Bokwa (1), Eve Arnold (2), Friedrich Barnikel (3), Jean-Luc Berenguer (4), Angelo Camerlenghi (5), Francesca Cifelli (6), Francesca Funicello (6), Carlo Laj (7), Steven Macko (8), Annegret Schwarz (9), Phill Smith (10), Herbert Summesberger (11)

- (1) Institute of Geography and Spatial Management, Jagiellonian University in Krakow
- (2) Geological Sciences, Stockholm University
- (3) Städtisches Adolf-Weber-Gymnasium
- (4) Sophia Antipolis, Centre International de Valbonne
- (5) OGS Istituto Nazionale di Oceanografia e di Geofisica Sperimentale
- (6) Dipartimento Scienze Geologiche, Università degli Studi di Roma
- (7) Laboratoire des Sciences du Climat, Paris
- (8) Department of Environmental Sciences, University of Virginia
- (9) Gymnasium an der Stadtmauer
- (10) John Innes Centre
- (11) Natural History Museum, Vienna

- Geoscience Information For Teachers (GIFT) Workshops at the European Geoscience Union General Assembly



■ C12.15 Geography of Tourism, Leisure, and Global Change

Changing Dynamics of Tourism in Central Europe

Christine Reintinger, Department of Geography, Ludwig-Maximilians University Munich

- Where do German tourists travel to in the future? Simulating tourists' destination choices under climate change conditions using an agent-based model

Maciej Sznajder, Łukasz Janus, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Passenger transport in Cracow urban agglomeration in relation to tourism on the example of Wieliczka city

■ C12.19 Health and Environment

Health and Environment Change

Agnieszka Pilarska, Faculty of Earth Sciences, Nicolaus Copernicus University

- Diffusion of lifestyle diseases in Poland - an analysis of the problem with the use of a cartographic method of the research

Anetta Drzeniecka-Osiadacz (1), Maciej Kryza (1), Paweł Netzel (1), Małgorzata Werner (1), Tymoteusz Sawiński (1), Jacek Śłopek (2), Mariusz Szymanowski (2)

(1) Department of Climatology and Atmosphere Protection, University of Wrocław

(2) Department of Geoinformatics and Cartography, University of Wrocław

- Air pollution and biometeorological forecast and information system



COMMISSIONS

■ C12.24 Land Degradation and Desertification

Land Degradation and Environmental Change

Yuichi Hayakawa (1), Takashi Oguchi (1), Hitoshi Saito (2), Akitoshi Kobayashi (3), Victor Baker (4), Jon Pelletier (5), Luke McGuire (5), Goro Komatsu (6), Kazuhisa Goto (7)

(1) Center for Spatial Information Science, The University of Tokyo

(2) College of Economics, Kanto Gakuin University

(3) School of Science, The University of Tokyo

(4) Department of Hydrology and Water Resources, University of Arizona

(5) Department of Geosciences, University of Arizona

(6) International Research School of Planetary Sciences, Università d'Annunzio

(7) International Research Institute of Disaster Science, Tohoku University

- Characteristic landforms by tsunami erosion in a coastal valley along northeastern Japanese rocky coast

Renata Dulias, University of Silesia

- Geomorphological changes associated with long-term mining - a case study from the Upper Silesian Coal Basin

Witold Warcholik (1), Łukasz Gawor (2), Piotr Dolnicki (1)

(1) Institute of Geography, Pedagogical University of Cracow

(2) Institute of Applied Geology, Silesian University of Technology

- Post mining grounds in Poland with regard to their environmental impacts and coal recovery possibilities

Joanna Bebak, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Degradation of Main Beskidy Trail: Selected examples



COMMISSIONS

■ C12.28 Local and Regional Development

Local and Regional Development in the Rural Space

Tanja Mislicki-Tomic, Aleksandra Petrusevic, Faculty of Natural Sciences and Mathematics, University of Banja Luka

- Agrarian and rural reality of the Republic of Srpska

Magdalena Szczepańska, Faculty of Geographical and Geological Sciences, Adam Mickiewicz University in Poznań

- Cultural landscape as a factor of local development of rural areas



COMMISSIONS

Huixia Li (1), Hongyi Zhou (1), Guojie Chen (2)

(1) Department of Resources and Environment Science, Foshan University

(2) Chengdu Institute of Mountain Hazards and Environment, Chinese Academy of Sciences

- Spatial differences of economic development in mountain areas of China

Hongyi Zhou, Huixia Li, Department of Resources and Environment Science, Foshan University

- The dynamic analysis and simulation for regional ecological carrying capacity - a case study in Heishui River basin of China

Agata Warchalska-Troll, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- How to measure protected areas' impact on local and regional development? A conceptual framework



COMMISSIONS

■ C12.35 Sustainability of Rural Systems

Heritage and Tourism for a Sustainable Territorial Development

Marcin Semczuk, Faculty of Biology and Geography, Pedagogical University of Cracow

- The effect of remoteness on the socio-economic development of rural areas in Lesser Poland

Ewelina Żurawicz, Małgorzata Surmacz, Magdalena Oberska, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Thematic villages: New form of cultural tourism as an opportunity for rural multifunctional development in Poland



COMMISSIONS

■ C12.39 Urban Commission: Urban Challenges in a Complex World

Urbanization and Functions of Cities in Post-socialist Countries

Magdalena Szczepańska, Faculty of Geographical and Geological Sciences, Adam Mickiewicz University in Poznań

- Contemporary trends in the transformations of the cultural landscape of the Poznań agglomeration suburban area

■ Thematic session:

Geographical Education in the Development of Competence - Challenges

Małgorzata Szelińska-Kukulak, Pedagogical University of Cracow

- Higher education in Portugal, especially geographical education

■ Thematic session:

History of Geographical Research in Central and Eastern Europe

Justyna Liro, Izabela Sołjan, Research Team on Geography of Religion, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Tourism Studies at the Jagiellonian University (1936-1939)

■ Thematic session:

Religion and Changes of Socio-economic and Cultural Space of Cities and Regions

Justyna Liro, Research Team on Geography of Religion, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Transformations of sacred spaces on the example of selected sanctuaries of the Roman Catholic Church in Poland

■ C12.03 Biogeography and Biodiversity

Climate Change and Dynamics of Mountain Ecosystem

Simon Drollinger, Chair of Physical Geography and Soil Science, Institute of Geography, University of Tuebingen

- Nutrient cycling and soil properties in the alpine treeline ecotone of Rolwaling Himal, Nepal

■ C12.22 Islands

The Futures of Islands

Maria Wąsowska, Faculty of Geography and Regional Studies, University of Warsaw

- The ways of preventing harmful volcanic hazard effects on the islands of European Union special member state territories

Madoka Uemura, Faculty of Education and Human, Akita University

- Transforming remote island medical care by deploying broadband network

■ C12.34 Population Geography

Migrations: Internal and International. Spatial Patterns and Models

Dariusz Nowotnik, Institute of Geography, Pedagogical University of Cracow

- Internal migrations within selected municipalities of Krakow Metropolitan Area

■ C12.38 Transport and Geography

Geographical Impacts of Transport Investment and Transport Policy Change

Khula Alkaabi, Geography Department, United Arab Emirates University

- Investigating the association between time-sensitive industries and air transport services across US metropolitan markets, 2012



COMMISSIONS

building
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COMMISSIONS



COMMISSIONS



COMMISSIONS

■ **Thematic session:**

Artists and the Challenges of Contemporary Urban Development

Leilei Li (1), Shunjian Wang (2)

(1) School of Media and Communication, Shenzhen University

(2) Environmental Development Group, Shenzhen EIT

- The impact of artists and artistic interventions on urban development in China

Fabrice Raffin, University of Picardie Amiens

- From ground-level cultural initiatives to culture led planning on the peripheries: Specific meanings and diversity of impacts

Eulalie Pierquin, Departement d'Arts, Université de Valenciennes

- The digital city and the evolving relations between artists-creators and citizens-spectators

Monika Murzyn-Kupisz (1), Jarosław Działek (2)

(1) Cracow University of Economics

(2) Department of Regional Development, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Young artists' perceptions of creative places and spaces in two Polish cities

■ **Thematic session:**

Demographic Faces of Cities in the Developed and Developing World

Sylvia Łękawska, Monika Panecka-Niepsuj, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Spatial differentiation of demographic situation of medium-sized cities in Poland

■ **Thematic session:**

Global Retail Corporations and their Regional Impact

Urszula Kaczmarek, Adam Mickiewicz University in Poznań

- Polish retailers - the learning potential of global players

■ **Thematic session:**

Rapid Response of Geomorphic and Hydrological Systems in Mountain Regions to Environmental Change

Tomáš Pánek, Veronika Smolková, Jan Hradecký, Department of Physical Geography and Geoecology, University of Ostrava

- Anthropogenic change in geomorphic processes on slopes of the Girova Mt (Outer Western Carpathians): Peat bog record of the 16th and 17th century colonisation

Joanna Fidelus (1), Rafał Krocak (2)

(1) Department of Tourist and Regional Development, Pedagogical University of Cracow

(2) Department of Physical Geography, Pedagogical University of Cracow

- Relief transformations within footpaths and roads in the Foothills and the Tatra Mountains

Joanna Zawiejska (1), Hanna Hajdukiewicz (2), Bartłomiej Wyżga (2), Artur Radecki-Pawlik (3), Paweł Mikuś (2)

(1) Institute of Geography, Pedagogical University of Cracow

(2) Institute of Nature Conservation, Polish Academy of Sciences

(3) Department of Hydraulics Engineering and Geotechnique, University of Agriculture

- Changes of bed-material in a mountain river in response to gravel extraction and channelization: Case study of the Czarny Dunajec, Polish Carpathians

Dorota Chmielowska, Józef Kukulak, Institute of Geography, Pedagogical University of Cracow

- Sedimentological record of the changing environmental conditions in the Orava Basin, southern Poland

Hanna Hajdukiewicz, Bartłomiej Wyżga, Institute of Nature Conservation, Polish Academy of Sciences

- Twentieth-century degradation of multi-thread rivers in the Polish Carpathians

■ Thematic session:

Remote Sensing in Environmental Studies

Anna Jarocińska (1), Bogdan Zagajewski (1), Adrian Ochtyra (1), Adriana Marcinkowska (1), Lucie Kupkova (2), Premysl Stych (2)

(1) Department of Geoinformatics and Remote Sensing, Faculty of Geography and Regional Studies, University of Warsaw

(2) Department of Applied Geoinformatics and Cartography, Faculty of Science, Charles University in Prague

- The use of radiative transfer model to analyse mountain grassland in Karkonosze Mountains

Agnieszka Gajda, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- A LiDAR point cloud voxel based analysis of vertical structure and changes of non-forest vegetation

Workshops

room
A 1

■ Improving your presentation skills: A video-training workshop for young geographers

Organisers: *Joos Droogleever Fortuijn, Michael Solem, Joop van der Schee*

■ 9 am - 12:30 pm Group 1

■ 3:30 pm - 7 pm Group 2

room
A
lab_comp

■ Current trends in landscape fragmentation and connectivity assessment

Organisers: *Katarzyna Ostapowicz, Elżbieta Ziółkowska*

■ Duration 9 am - 4 pm

Tuesday



IGU Regional Conference
POLAND KRAKÓW 2014

WEDNESDAY

20

AUGUST 2014





**Campus of the 600th Anniversary of the Jagiellonian University Revival,
7 Gronostajowa St.**

Conference sessions and business meetings of the IGU Commissions

■ **C12.13** Geography of Governance **Geography, Governance and Citizens' Participation 3**

Chairperson: *Ján Buček*

Christophe Breuer, Department of Geography, University of Liege

- Metropolitan governance rescaling in Belgium, France and United Kingdom. Studying boundaries of urban governments through the application of an analytical framework for institutional changes

Maricel Gonzalez, Faculty of Geography and History, University of Barcelona

- Contributions to governance, analysis of the citizen response to the milestone of the economic crisis: A case study in Barcelona

Ján Buček, Department of Human Geography & Demogeography, Comenius University in Bratislava

- Contradictions, pressures and intergovernmental relations in Bratislava metropolitan governance

Ryan Holifield (1), Kathleen Williams (1), Caitie McCoy (2)

(1) Department of Geography, University of Wisconsin-Milwaukee

(2) Illinois-Indiana Sea Grant, University of Illinois

- Geographic dimensions of stakeholder participation in environmental governance: Remedial plans at Great Lakes Areas of concern

Huei-Chung Hsiao, Research Center for Humanities and Social Sciences, Cheng Kung University

- Resilience building and the politics of natural resources: A case study of forest land management in Taiwan

■ **C12.06** Cold Region Environments **Arctic Integrated Geographical Research and Observation Networks 2**

Chairpersons: *Tatiana Vlasova, Nancy Doubleday*

Tatiana Khromova, Gennady Nosenko, Stanislav Nikitin, Institute of Geography, Russian Academy of Sciences

- Deglaciation of the Altai Mountains observed with satellite imagery



COMMISSIONS

room
A 2

Wednesday



COMMISSIONS

room
A 4

Krzysztof Migala (1), Bronisław Wojtuń (2), Wojciech Szymański (3), Piotr Muskała (1)

(1) Institute of Geography and Regional Development, University of Wrocław

(2) Department of Botany and Plant Ecology, Wrocław University of Environmental and Life Sciences

(3) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Temporal variation in thermal and moisture properties of selected types of tundra and arctic soils during the growing season: A case study from the Fuglebekken catchment, SW Spitsbergen

Andrey Medvedev, Institute of Geography, Russian Academy of Sciences

- Spatial and temporal analysis of Russia's Northern territories socio-economic data

Aleksei Medvedkov, Faculty of Geography, Lomonosov Moscow State University

- The Kets ethnos and its feeding landscape: Ecologo-geographical hazards and social-and-ecological problems in conditions of globalization and changing climate

room
A 5



■ C12.08 Dynamics of Economic Spaces

Financial Geography 4

Chairperson: *Dariusz Wójcik*

Guojun Zhang (1), Chunshan Zhou (2)

(1) Institute of Historical Geography, Peking University

(2) School of Geography and Planning Studies, Sun Yat-Sen University

- Provincial differences in financial exclusion in China and their determinants

Jae-Cheon Lee, Sungjae Choo, Kyung Hee University

- Embeddedness of the financial institute into the local: The case of Daegu Bank in Korea

Fabio Betioli Contel, Department of Geography, University of Sao Paulo

- The new Brazilian banking topology: From branch banking networks to smartphones

Clarisse Coutinho, Department of Geography, University of São Paulo

- The ambivalent role of credits in the reduction of regional economic inequalities in contemporary Brazil

room
A 6



■ C12.08 Dynamics of Economic Spaces

Relocation of Economic Activity: Local, Regional and Global Dimensions 1

Chairperson: *Magdalena Dej*

Ernő Molnár, János Péntzes, Department of Social Geography and Regional Development Planning, University of Debrecen

- Periphery and re-industrialization in Hungary after the millennium

Lech Suwala, Institute of Geography, Humboldt-University of Berlin

- Between location, persistence and relocation – historical and spatial trajectories of the Polish aviation industry

Wioletta Kilar, Department of Entrepreneurship and Land Management, Pedagogical University of Cracow

- Spatial concentration of IT corporation HQs

■ C12.08 Dynamics of Economic Spaces

Creative Industries – A Driver of New Spatial Dynamics?: Rethinking the Concepts of Creative Spaces and the Creative Class

Chairperson: *Tadeusz Strykiewicz*

Caroline Chapain, Department of Management, University of Birmingham

- The rise of co-working spaces in Europe: A new model of local creative communities?

Krzysztof Stachowiak, Tadeusz Strykiewicz, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Specialisation as a driver of new development dynamics of creative cities and regions

Michał Męczyński (1), *Julie Brown* (2)

(1) Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

(2) Faculty of Performance, Visual Arts & Communications, University of Leeds

- Networks and thick labour markets: How to attract and retain the creative class

Pavel Bednar (1), *Eva Svirakova* (2), *Lukas Danko* (1), *Magdalena Bialic-Davendra* (3)

(1) Department of Regional Development, Faculty of Management and Economics, Tomas Bata University in Zlin

(2) Department of Marketing Communication, Faculty of Multimedia Communications, Tomas Bata University in Zlin

(3) Centre for Applied Economic Research, Tomas Bata University in Zlin

- Rethinking the creative class: Challenging labour market of audiovisual graduates

■ C12.17 Global Change and Human Mobility

New Approaches to Migratory Policies in a Mobile World

Chairperson: *Josefina Domínguez Mujica*

Ana López-Sala, Spanish National Research Council

- A top-down model of circular migration. The case of seasonal labor mobility schemes in Spain

Michiyo Yoshida, Faculty of Tourism, Wakayama University

- 'There isn't an easy life awaiting': Asylum seekers and welfare in Japan

Emilia Bogacka, Faculty of Geographical and Geological Sciences, Adam Mickiewicz University in Poznań

- Migration policy and the external EU borders in Poland

Comfort Iyabo Ogunleye-Adetona, Felicia Aduko, Department of Geography and Regional Planning, University of Cape Coast in Ghana

- Challenges of rural-urban migrants: A case of Nima, Accra, Ghana



room
A 7



room
A 8

room
A 9



■ C12.15 Geography of Tourism, Leisure, and Global Change Tourism and Regional Development (Governance, Partnerships, Communities)

Chairpersons: *Dieter K. Müller, Tim Coles*

Henrik Halkier (1), Dieter Müller (2)

(1) Culture and Global Studies, Aalborg University

(2) Department of Geography and Economic History, Umeå University

- Tourist destination dynamics in Russia: Public-private partnership and tourism development in non-metropolitan destinations

Tim Coles, Department of Management, University of Exeter Business School

- Tourism and regional development: What happens when the 'R-word' is no longer fashionable?

Keyimu Pahati, Department of Geographical and Historical Studies, University of Eastern Finland

- Collaboration and rural development in tourism context: A conceptual approach

Arailym Makhambetova, Gulzhan Aizholova, Department of Geography and Environmental Sciences, Al-Farabi Kazakh National University

- Sustainable rural tourism strategies as a tool of regional development: A case study of South Kazakhstan region

BUILDING B

Wednesday 20th August



9 am – 10:45 am

room
B 1



■ C12.19 Health and Environment Health and Health Care 1

Chairperson: *Mark Rosenberg*

Karim Tazarourte (1), Jean Francois Cornu (2)

(1) University Claude Bernard, Lyon

(2) University Montpellier 2

- Accessibility and availability of mobile medical team in French prehospital system

Paula Santana (1), Ângela Freitas (2), Cláudia Costa (2), Artur Vaz (3)

(1) CEGOT - Centre of Studies on Geography and Spatial Planning, Department of Geography, University of Coimbra

(2) CEGOT - Centre of Studies on Geography and Spatial Planning, University of Coimbra

(3) Hospital Beatriz Ângelo

- Monitoring population health in Portugal: Application of Health Population Index in the last 20 years

Ricardo Almendra (1), Ângela Freitas (1), Paula Santana (2), Rui Gama (2)

(1) CEGOT - Centre of Studies on Geography and Spatial Planning, University of Coimbra

(2) CEGOT - Centre of Studies on Geography and Spatial Planning, Department of Geography, University of Coimbra

- Possible life expectancy gains by reducing the avoidable mortality in Portugal

Oludotun Olagundoye (1), Olawale Oluwafemi (2)

(1) Ondo State Land Records Bureau

(2) Centre for Geodesy and Geodynamics, National Space Research and Development Agency in Toro

- Assessment of flow patterns of cancer patients to treatment centre in southwestern Nigeria: A GIS approach

Eva Pilot, Thomas Krafft, Department of International Health, Maastricht University

- Challenges in public health surveillance in urban India

■ C12.35 Sustainability of Rural Systems

Farming in Peri-Urban Areas and Rural-Urban Interactions

Chairperson: *Frans Thissen*

Toshio Kikuchi (1), Akira Tabayashi (2)

(1) Department of Geography and Tourism, Tokyo Metropolitan University

(2) Department of Geography, University of Tsukuba

- The commodification of rural space with the restructuring of urban farming in the urban fringe of Tokyo metropolis: A case study of the Sunagawa area, Tachikawa city

Örjan Pettersson, Department of Geography and Economic History, Umea University

- Changing mobility patterns and rural-urban interaction: Examples from a forest area in Sweden

Ryo Iizuka (1), Toshio Kikuchi (1), Mitsuru Yamamoto (2)

(1) Department of Tourism Science, Tokyo Metropolitan University

(2) Graduate School of Cultural Science, Saitama University

- Community mixing and rural community changes in the Gower Peninsula, Wales

Lex Chalmers, Department of Geography, University of Waikato

- Shallow heritage and environmental impact: Legacies of dairying in the Waikato, New Zealand

■ C12.04 Climatology

Urban Climates 4

Chairpersons: *Hadas Saaroni, Krzysztof Fortuniak*

Tamas Gal, Department of Climatology and Landscape Ecology, University of Szeged

- Calculation of the roughness length parameters with a new method in medium sized cities

Włodzimierz Pawlak, Krzysztof Fortuniak, Mariusz Siedlecki, Mariusz Zieliński, Agnieszka Podstawczyńska, Department of Meteorology and Climatology, University of Łódź

- Net turbulent exchange of methane: Preliminary results of measurements on urbanized area and wetlands

Agnieszka Podstawczyńska, Department of Meteorology and Climatology, University of Łódź

- Radon (Rn-222) in urban atmosphere: Łódź (Central Poland) case study

Wolfgang Sulzer, Reinhold Lazar, Institute for Geography and Regional Sciences, University of Graz

- 40 years of urban climate analyses (1974-2014) for planning purposes in Graz/Austria



room
B 2

Wednesday



room
B 3

room
B 4



■ C12.04 Climatology

Climate Modelling / GIS and Remote Sensing Methods in Atmospheric Sciences

Chairpersons: *Joanna Wibig, Ole E. Tveito, Agnieszka Wypych*

Nsikan-George Emana, Project Area F, Biodiversity and Climate Research Centre

- Can knowledge in decadal climate prediction improve forest policy-making and management in Cross River State, Nigeria?

Joanna Wibig, Department of Meteorology and Climatology, University of Łódź

- Sources of uncertainty of regional scenarios of temperature changes and selected methods of their assessment

Agnieszka Wypych, Zbigniew Ustrnul, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Extreme meteorological hazard maps for Poland

Ole Einar Tveito (1), Christoph Frei (2), Cristian Lussana (1)

(1) Meteorology and Climate Department, Norwegian Meteorological Institute

(2) Federal Office of Meteorology and Climatology MeteoSwiss

- Trends in gridding of climatological variables

room
B 5



■ C12.11 Geographical Education

Changes, Challenges and Responsibility in the School Geography Curriculum 3: Curriculum and Teacher Views

Chairperson: *Clare Brooks*

Clare Brooks, Department of Curriculum, Pedagogy and Assessment, Institute of Education University of London

- Professional compass: How geographical expertise can influence curriculum making

Gabriel Bladh, Hans Olof Gottfridsson, Department of Geography and Tourism, Karlstad University

- Geography education in Sweden – Swedish geography teachers subject knowledge

Victor Salinas Silva, Maria J. Otero, Andoni Arenas, Pontifical Catholic University of Valparaíso

- What the most qualified Chilean teachers think about school geography?
Teaching counterpoints between lay and scientific knowledge

Theresa Bourke, John Lidstone, Faculty of Education, Queensland University of Technology

- Back to the future: Variations and vacillations in geography teaching in Queensland, Australia

Nahid Fallahian, Organization of Research & Educational Planning, Iran

- Teaching environmental values and responsible behavior through geography education: Problems & opportunities

room
B 6



■ C12.36 Toponymy

Geographical Aspects of Place Names: Cultural-Geographical Approaches

Chairperson: *Peter Jordan*

Přemysl Mácha, Department of Human Geography, University of Ostrava

- Identity, landscape and toponymy in the rural space of the Czech Republic

Yaives Ferland, Faculty of Forestry, Geography and Geomatics, Laval University

- Direction, distance, and orientation in the evolution of land and sea placenames

Marcin Solarz, Faculty of Geography and Regional Studies, University of Warsaw

- “Third World”, “developing countries”, “North”, “South”, “emerging markets”:
A misleading geography of some unusual and disputed toponyms

Karol Janas, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Role of urban place names in the process of building local identity in Nowa Huta

■ C12.28 Local and Regional Development

Local and Regional Development in the Urban Space 1

Chairperson: *Ellen Banzhaf*

Romy Hofmann, Department for Geography Didactics, Friedrich-Alexander University of Erlangen-Nuremberg

- Aesthetic spaces – hacking the urban scenario in the name of development?

Lei Feng, Department of Earth Science, Tohoku University

- Social-economic reforms and urban space development in China: From Danwei Compound to Xiaoqu to city complex

Fabian Sonnenburg, *Boris Braun*, Institute of Geography, University of Cologne

- Reciprocal effects between large airports and urban economies: Small-scale analyses in Australian metropolitan areas

■ C12.33 Political Geography

Political Geographies of Multilingualism 1: Demographics and Ethnicities

Chairperson: *Virginie Mamadouh*

Ádám Németh, *Zoltán Dövényi*, Department of Human Geography and Urban Studies, Institute of Geography, University of Pécs

- New types of ethnic/linguistic diversity

Daniel Balizs, Research Centre for Astronomy and Earth Sciences Geographical Institute, Hungarian Academy of Sciences

- Contributions to the research of the ethnic pattern in west part of Carpathian Basin

Karoly Kocsis, Institute of Geography, Hungarian Academy of Sciences

- Multilingual diversity and nationhood in the Carpatho-Pannonian area: A geographic approach

Libor Jelen, *Petr Dostal*, Department of Social Geography and Regional Development, Charles University in Prague

- De-russianization: Decreasing numbers of Russians in the western Post-Soviet space



room
B7



room
B8

Wednesday

room
B 9



■ C12.20 History of Geography / C12.33 Political Geography

What (Political) Geography Ought to Be? Theoretical Approaches to and Historical Perspectives on Geography and Geopolitics as Instruments of Peace 1

Chairpersons: *Elena dell’Agnese, Toshiyuki Shimazu*

Michael Roche, School of People, Environment and Planning, Massey University

- An historical view of George Jobberns and political geography in New Zealand

Federico Ferretti, Institute of Urban Geography and Tourism, Faculty of Geographical Sciences, University of Łódź

- Building antimilitarism: Elisée Reclus, social geography, and war

Elena dell’Agnese, Department of Sociology and Social Research, University of Milano-Bicocca

- Geopolitics with the dew on it? Bernard DeVoto and William Gilpin’s geopolitical vision

room
B 10



■ C12.30 Mediterranean Basin

Mediterranean Changes and Challenges

Chairperson: *Maria Paradiso*

Kamila Ziółkowska-Weiss, Institute of Geography, Pedagogical University of Cracow

- The meaning of event tourism in the opinion of Erasmus students. Case study: Spain

Alessandro Leto, Department of Human and Social Sciences, University for Foreigners Perugia

- The role of sustainable and responsible development to foster south Mediterranean economies, in the non-oil fields and sectors

Olivier Lefebvre, Olivier Lefebvre Consultant

- The roots of the modern Greek tragedy

Bassem Neifar, UMR TELEMME Aix-Marseille University and French National Centre for Scientific Research

- Traditional and virtual space in Tunisia. Towards a new understanding of geographical space after the revolution

Clive Schofield (1), Ian Townsend-Gault (2)

(1) Australian National Centre for Ocean Resources and Security, University of Wollongong

(2) Faculty of Law and Institute of Asian Research, University of British Columbia, Vancouver

- Overcoming Adriatic divisions

room
B 11

■ Thematic session:

Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 1

Chairpersons: *Eyüp Artvinli, Danuta Piróg*

Danuta Piróg, Institute of Geography, Pedagogical University of Cracow

- The geography teaching profession in Poland in the 21st century: System of training, current situation and future challenges

Maria Esteves, Institute of Geography and Spatial Planning, University of Lisbon

- Initial teacher education in geography: Recent changes in the Portuguese model

Christiane Meyer, Department of Natural Sciences Didactics, Section Geography Didactics, Leibniz University of Hannover

- Enquiry-based learning as to values in agricultural issues and ethics – challenges for teacher formation in Geography and ESD

Maik Wienecke, Institute of Geography, University of Potsdam

- Where to go with the personality as a correct socialist citizen of the German Democratic Republic (GDR)? – transformative learning and teaching of geography teachers in East Germany

Aikaterini Klonari, Achilleas Mandrikas, Department of Geography, University of Aegean

- Experiential in-service teachers' training in geography: A different experience with tangible results

■ **C12.14** Geography of the Global Information Society Information Society: Broadband Development and Governance

Chairperson: *Mark Wilson*

Chiara Certomà, Francesco Rizzi, Filippo Corsini, Sant'Anna School of Advanced Studies in Pisa

- Crowdsourcing urban sustainability. Data, people and technologies in participatory governance

Yasukazu Satake, Yoshio Arai, Department of Human Geography, University of Tokyo

- Challenges for broadband deployment in mountainous area: The case of hotel business activities in Hokkaido, Japan

Sten Lorentzon, Department of Human and Economic Geography, University of Gothenburg

- The introduction of new ICT and the location of governing and administrative activities – A Swedish perspective

Yoshio Arai (1), Yasukazu Satake (2)

(1) Department of Human Geography, University of Tokyo

(2) Graduate School of Arts and Sciences, University of Tokyo

- ICT policies of local governments and living conditions in the island: A case study in Oki Islands, Japan

Mark Wilson, School of Planning, Design and Construction, Michigan State University

- Digital trails: Urban discovery through mobile information



room
C 1

Wednesday

room
C 2



■ C12.38 Transport and Geography

Transformation of Transport Systems in Central and Eastern Europe 1

Chairperson: *Zbigniew Taylor*

Jacques Charlier, Department of Geography, Louvain-la-Neuve University

- Container traffic at Baltic ports and the peripheral ports challenge

Tadeusz Palmowski, Maciej Tarkowski, Department of Geography of Regional Development, Institute of Geography, University of Gdańsk

- Gdańsk – the first Baltic container hub

Edyta Pijet-Migoń, Tourism and Recreation Faculty, Wrocław School of Banking

- Passenger air transport in new EU member countries: A decade of change, 2004-2014

Maciej Huculak, Łukasz Sykała, Institute of Urban Development in Kraków

- Economic aspects of the development of regional airports in Poland

Igor Ivan, Jiri Horak, David Fojtik, Institute of Geoinformatics, VŠB-Technical University of Ostrava

- Development of public transport accessibility in the Czech Republic

Marcin Stępnia, Piotr Rosik, Stanisław Leszczycki Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Accessibility impact of a decade of development of the Polish road network

Wednesday

room
C 3

Business meeting of IGU Commission C12.29 Marginalization, Globalization, and Regional and Local Responses

room
C 4

■ Thematic Session:

Floods in Mountain Environments 1

Chairpersons: *Zbigniew Kundzewicz, Markus Stoffel, Bartłomiej Wyżga, Virginia Ruiz-Villanueva*

Richard Marston, Department of Geography, Kansas State University

- Linking cause-and-effect for mountain floods

Michel Wortmann (1, 2), Valentina Krysanova (1), Zbigniew Kundzewicz (1, 3)

(1) Potsdam Institute for Climate Impact Research

(2) Department of Geography, University College London

(3) Institute for Agricultural and Forest Environment, Polish Academy of Sciences

- Impact of glacial lake outburst floods on modelled discharge in the headwater of the Aksu catchment (Xinjiang, China)

Lorenzo Marchi (1), William Amponsah (2), Marco Borga (2), Marco Cavalli (1)

(1) Consiglio Nazionale delle Ricerche, Istituto di Ricerca per la Protezione Idrogeologica

(2) University of Padova, Department of Land, Environment, Agriculture and Forestry

- Stream power of recent flash floods in Europe: Data collection and analysis

■ C12.34 Population Geography

Spatial Patterns of Fertility 1

Chairperson: *Sławomir Kurek*

Birgit Glorius, European Studies Department, Chemnitz University of Technology

- Fertility structures and family formation under conditions of economic and societal transformation: The case of Central and Eastern Europe

Ewa Frątczak, Institute of Statistics and Demography, Warsaw School of Economics

- Fertility intentions of young Polish women: Results of two panels: 2007, 2011

Ekaterina Antipova, Faculty of Geography, Economic Geography of Foreign Countries Department, Belarusian State University

- Spatial polarization of fertility of the Republic of Belarus in the second demographic transition conditions

Markus Springer, K.C. Samir, International Institute for Applied Systems Analysis, World Population Program (POP)

- Small-scaled population projection: How to deal with socio-demographic heterogeneity in modelling spatial fertility patterns?



COMMISSIONS

room
C 5

■ C12.03 Biogeography and Biodiversity

Linking Biogeography and Society 1

Chairpersons: *Kazuharu Mizuno, Udo Schickhoff*

Koki Teshirogi, Research Institute for Humanity and Nature in Kyoto

- Distributions of woody plants and its relation to the day-trip herding of goats in North-western Namibia

Christiana Egbinola, Amobichukwu Amanambu, Department of Geography, University of Ibadan

- Impact of charcoal production on tree species diversity in Ibarapa East local government, Oyo State, Nigeria

Ved Prakash Meena, Maharani Shri Jaya Government Post Graduate College

- Biodiversity conservation in Indira Gandhi Canal Project Area, Thar Desert, India

Arkady Tishkov, Elena Belonovskaya, Department of Biogeography, Institute of Geography, Russian Academy of Sciences

- The actual biogeography of the European Russia as a result of the climatic impact's and landuse's synergy



COMMISSIONS

room
C 6

Wednesday

■ Thematic Session:

Geomorphometry of Landforms in Different Landscape Zones 1

Chairpersons: *Zbigniew Zwoliński, Francis Harvey*

Maciej Liro, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Automatic detection of changes in the structure and dynamics of river channels using a statistical algorithm. Examples from the Polish Carpathians

room
C 7

Małgorzata Luc (1), Jacek B. Szymański (2), Piotr J. Gierszewski (3)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Institute of Geography, Pedagogical University of Cracow

(3) Stanisław Leszczycki Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Remote sensing control of lower Vistula river channel pattern changes caused by functioning of the Włocławek reservoir

Bartłomiej Szypuła, Department of Geomorphology, Faculty of Earth Sciences, University of Silesia

- Quality assessment and DEMs comparison for geomorphometric purposes

room
C 8



■ C12.39 Urban Commission: Urban Challenges in a Complex World Creating Sustainability 1

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Vishwa Sharma, Department of Geography, Shaheed Bhagat Singh College University of Delhi

- Industrial development and urban environment in Agra Metropolitan City

Li Qiu (1), Rong Fu (2), Ton Dietz (3)

(1) Public Management Department, Law School, Hunan University

(2) School of Business Administration, Hunan University

(3) African Studies Centre, Leiden University

- Mega-data utilization in knowledge sharing of sustainable city development

Eshita Boral, Department of Geography, University of Calcutta

- The changing urban scenario and the status of green spaces in and around the city of Kolkata

Shubhi Misra, Jawaharlal Nehru University in New Delhi

- Urbanisation trends and its impact on the urban quality of life: A comparative study of Kaval towns of Uttar Pradesh, India

Ulrike Weiland (1), Robin Chang (2)

(1) Department of Geography, University of Leipzig

(2) Faculty of Spatial Planning, Transformation of Post-Industrial Regions, Technical University of Dortmund

- Approaching a comparative (bio)regional assessment of climate change impacts in major European agglomerations

Wednesday

room
C 9



■ C12.39 Urban Commission: Urban Challenges in a Complex World Urbanization and Functions of Cities in Post-Socialist Countries 1

Chairpersons: *Daniela Szymańska, Beata Hołowiecka, Celine Rozenblat*

Vyacheslav Shuper (1), Pavel Em (1), Maria Gunko (2)

(1) Department of Social and Economic Geography, Institute of Geography, Russian Academy of Sciences

(2) Department of Cartography, Institute of Geography, Russian Academy of Sciences

- Features of the central place system development in the central part of Post-Soviet Russia

Radu Pintilii (1), Daniel Peptenatu (1), Cristian Draghici (1), Igor Sirodoev (2), Andrei Schwab (2)

(1) Faculty of Geography, University of Bucharest

(2) The Interdisciplinary Center for Advanced Research on Territorial Dynamics, University of Bucharest

- The dynamics of entrepreneurial profile in Bucharest (Romania) – structural changes and trends

Daniela Szymańska, Stefania Środa-Murawska, Jadwiga Biegańska, Department of Urban Studies and Regional Development, Nicolaus Copernicus University

- The transformation of cities in Poland in the context of enterprises structure

Gyorgy Csomos, Department of Civil Engineering, University of Debrecen

- Changing economic role of cities in the Hungarian urban network after the political-economic transition: Analysis and classification

Iryna Gukalova, Institute of Geography of Ukrainian National Academy of Sciences

- Quantitative and qualitative urbanization in Ukraine: Contemporary state

■ C12.26 Land Use and Land Cover Change

Historical/Dynamic Changes of Land Use. Land Use of Towns and Villages

Chairperson: *Ivan Bičík*

Jan Feranec, Monika Kopecká, Jan Otahel, Jozef Nováček, Róbert Pazúr, Institute of Geography, Slovak Academy of Sciences

- Identification of abandoned farmland in Slovakia applying CORINE land cover data

Matej Gabrovec, Peter Kumer, Anton Melik Geographical Institute, Slovenian Academy of Sciences and Arts

- Land use changes in Slovenia from the Franciscan Cadastre until now

Ivan Bičík, Department of Social Geography and Regional Development, Charles University in Prague

- Long-term land-use changes: Case study Czechia 1845-2010

Elena Milanova, Faculty of Geography, Lomonosov Moscow State University

- Land use / cover change and social responsibility in Russia

Eugene Egidarev (1), Eugene Simonov (2)

(1) Pacific Geographical Institute Far Eastern Branch, Russian Academy of Sciences

(2) River without Boundaries International Coalition

- Environmental impact assessment on gravel gold mining in the Amur River basin



room
C 10

Wednesday

10:45 am – 11:15 am COFFEE BREAK

room
A 2



■ C12.27 Latin American Studies

Anthropogeography: Heritage, Tourism and History / Public Policy and Land Management

Chairpersons: *Juan Manuel Delgado Estrada, Bogumiła Lisocka-Jaegermann*

Bogumiła Lisocka-Jaegermann, Faculty of Geography and Regional Studies, University of Warsaw

- Sustainable livelihood approach to Latin American rural tourism studies

Flavio Bartoly, Department of Geography, Federal Fluminense University

- The bohemian Lapa and the reification of Lapa as a place of spectacle: An analysis of the production of place

Flavia Grimm, Institute of Brazilian Studies, University of São Paulo

- Une proposition épistemologique du sud: Reflexions sur la catégorie "territoire utilisé" de Milton Santos

Julieta Krapovickas (1), Laura Sacchi (1), Robert Hafner (2)

(1) National Scientific and Technical Research Council – Argentina (CONICET)

(2) Institute of Geography, Innsbruck University

- Effects of globalisation and land management on the access of common pool resources in the Argentine Chaco

Mirosława Czerny, Faculty of Geography and Regional Studies, University of Warsaw

- Sustainable rural development in regions with high levels of poverty. The case of Peruvian mountain areas

Wednesday

room
A 4



■ C12.07 Cultural Approach in Geography

Landscape Changes and Responsibilities in East Asia 1

Chairpersons: *Je-Hun Ryu, Shangyi Zhou*

Je-Hun Ryu, Department of Geography, Korea National University of Education

- The management of national heritage landscape „myeongseung” in Korea

Xiaofeng Tang, Historical Geography Research Institute, Peking University

- Surface water in cultural landscape: The case of traditional Beijing City

Shangyi Zhou, Institute of Urban and Regional Planning, Beijing Normal University

- On the role of modern fiction in a community landscape design in Beijing

room
A 5



■ C12.08 Dynamics of Economic Spaces

The Geography of 'Greening the Economy' – Restructuring, Knowledge, Networks and Discourse 1

Chairpersons: *Brita Hermelin, Margareta Dahlström*

Susanne Stenbacka, Department of Social and Economic Geography, Uppsala University

- The range of responsibilities: About producing and recruiting in the agricultural sector

Sabine Panzer-Krause, Department of Geography, University of Hildesheim

- The role of rural regions in sustainability transition processes

Pavlo Doan, Victoria Kiptenko, Geography Faculty, Taras Shevchenko National University of Kyiv

- Spatial patterns of the tourism industry greening in Ukraine

Margareta Dahlstrom, Department of Human Geography, Karlstad University

- Knowledge dynamics and networks for greening the economy: The case of Paper Province 2.0

■ C12.08 Dynamics of Economic Spaces

Relocation of Economic Activity: Local, Regional and Global Dimensions 2

Chairperson: *Bolesław Domański*

Maciej Huculak, Wojciech Jarczewski, Magdalena Dej, Institute of Urban Development in Kraków

- Relocation of economic activity within metropolitan areas in Poland; scale and key drivers

Biljana Apostolovska Toshevska, Mirjanka Madjevikj, Svemir Gorin, Ivan Radevski, Faculty for Natural Sciences and Mathematics, Institute of Geography, Ss. Cyril and Methodius University in Skopje

- The industry as a factor of transformation in the area of Skopje valley in the Republic of Macedonia

Rodolfo Finatti, Institute of Geosciences, University of São Paulo

- Real estate and industrial relocation in Brazil

■ C12.08 Dynamics of Economic Spaces

Creative Industries – A Driver of New Spatial Dynamics? Creative Firms and Networks: Origin, Growth Dynamics and Development Factors

Chairperson: *Caroline Chapain*

Jan Jacob Trip, Arie Romein, Faculty of Architecture and the Built Environment, Delft University of Technology

- Increasing the financial sustainability of creative business incubators in times of austerity: Observed practices and their implementation into policy

David Zajtmann, Institut Francais de la Mode, Paris

- The integration of spatial dynamics in creative industries. The case of the Parisian 'haute couture'. A longitudinal study (1973-2011)

Seiji Hanzawa, Faculty of Sociology and Social Work, Department of Sociology, Meijigakuin University

- Do animation firms enhance the scope of business by using local resources? Japanese animation industry in the 2000s



room
A 6



room
A 7

room
A 8



■ C12.15 Geography of Tourism, Leisure, and Global Change

Geographies of Heritage and Cultural Tourism 1

Chairpersons: *Carolyn Funck, Jie Zhang*

Bayram Çetin, Department of Geography, Faculty of Arts and Sciences, Mustafa Kemal University in Antakya

- Potential for faith tourism and culture of sacred places in Antakya (Turkey)

Clinton David van der Merwe, School of Education, University of the Witwatersrand Johannesburg

- Battlefield Tourism: The case of Dundee, South Africa

Sanjay Nepal, Department of Geography and Environmental Management, University of Waterloo

- Tourism, traditions and modernity in Nepal's Khumbu (Everest) region

Justyna Mokras-Grabowska, Department of Leisure and Qualified Tourism, University of Łódź

- Folk culture resources in a tourist space

Dieudonné Lekane Tsohgou, Serge Schmitz, Université de Liège, Laplec

- Mise en réseau des acteurs, des activités et des produits touristiques dans les chefferies de l'Ouest –Cameroun

Wednesday

room
A 9



■ C12.15 Geography of Tourism, Leisure, and Global Change

Geographies of Heritage and Cultural Tourism / Tourism and Regional Development (Senses, Feelings, Emotions)

Chairpersons: *Dieter K. Müller, Tim Coles, Carolyn Funck, Jie Zhang*

Tatjana Thimm, Hochschule Konstanz University of Applied Sciences (HTWG)

- Immaterial world heritage Tango: Commodification of dance as a tourism product in Buenos Aires

Lawal Marafa, Kar Man, Carmen Ng, Department of Geography and Resource Management, The Chinese University of Hong Kong

- Integrating marketing and management for sustainable tourism initiative at a bucolic destination in Hong Kong

Laura James (1), Henrik Halkier (2)

(1) Department of Human Geography, Stockholm University

(2) Department of Culture and Global Studies, Aalborg University

- Building cross-sectoral regional development platforms: The case of food tourism in Northern European destinations

Jie Zhang (1), Hong-Lei Zhang (1), Na Li (2), Shi-Sheng Jing (3)

(1) School of Geographic and Oceanographic Sciences, Nanjing University

(2) Nanjing University of Finance & Economics

(3) Park Administration, Huishan National Park, Wuxi

- A geographical analysis on soundscape architecture of traditional Chinese garden and the related tourism interpretation: Case of Ravine of the Sound of Music Jichuangyuan Garden Wuxi

■ C12.19 Health and Environment

Health and Health Care 2

Chairperson: *Mark Rosenberg*

Maija Sikiö (1), Tiina Laatikainen (2), Markku Tykkyläinen (1), Timo Kumpula (1)

(1) Department of Geographical and Historical Studies, University of Eastern Finland

(2) National Institute for Health and Welfare, University of Eastern Finland

- Health care accessibility among type 2 diabetes patients in North Karelia Finland: Does better access result better outcomes of care?

Izabella Łęcka, Institute of Regional and Global Studies, Faculty of Geography and Regional Science, University of Warsaw

- Health problems and health care in Liwa oasis, Western Region (UAE)

Tatiana Dikareva, Faculty of Geography, Lomonosov Moscow State University

- Impact of allergenic plants on population health

Rachel Herron, Mark Rosenberg, Department of Geography, Queen's University at Kingston

- Negotiating care for dementia in rural and small-town Ontario, Canada



room
B 1

■ C12.35 Sustainability of Rural Systems: Societies in Transition

Evidences of Changes in Values and Expectations

Chairpersons: *Ana Firmino, Jerzy Bański*

Serge Schmitz, Department of Geography, University of Liege

- The quest for rurality in Wallonia in 2013 (Belgium)

Frans Thissen, Joos Droogleever Fortuijn, Maartje Meesterberends, Department of Geography Planning and International Developmet, University of Amsterdam

- Local services in small villages: The role of the primary school

Masashi Urabe (1), Hiroaki Sakaue (2), Sherlyne Almonte-Acosta (3), Yoshimichi Yui (2)

(1) Hiroshima City University

(2) Hiroshima University

(3) University of the Philippines-Diliman

- Sustainability of Hiroshima as a rural and global heritage for peace education: Possibility and limitation on peace education in Hiroshima

Mirko Grčić, Mikica Sibinović, Faculty of Geography, University of Belgrade

- Agricultural land use changes in the rural area of Belgrade region during the transition period

Marija Martinović, Ivan Ratkaj, Faculty of Geography, University of Belgrade

- Quantitative approach to determine typology of rural areas in Serbia



room
B 2

Wednesday

room
B 3



C12.04 Climatology Weather and Climate Extremes 1

Chairpersons: *Stefan Broennimann, Zbigniew Ustrnul*

Stefan Broennimann, Oeschger Centre for Climate Change Research, University of Bern

- Weather extremes in the twentieth century reanalysis

Ewa Łupikasza, Department of Climatology, University of Silesia

- Seasonal pattern of extreme precipitation trends in Europe

Hadas Saaroni (1), Baruch Ziv (2), Judith Lempert (1), Efrat Morin (3)

(1) Department of Geography and the Human Environment, Tel Aviv University

(2) Department of Natural Sciences, The Open University of Israel

(3) Department of Geography, The Hebrew University of Jerusalem

- Prolonging dry spells in the Levant region – synoptic-climatic study

Zahide Acar Deniz (1), Barbaros Gönençgil (2), Beyhan Öztürk (1)

(1) Department of Geography, Çanakkale Onsekiz Mart University

(2) Department of Geography, Istanbul University

- Observed trends in Turkey summer daily maximum temperature extremes

room
B 4



C12.04 Climatology Climate Change and Variability Impacts 1

Chairpersons: *Julie A. Winkler, Krzysztof Błazejczyk*

Solomon Uhunamure, Geography and Geo-Information Sciences, University of Venda

- An assessment of household energy use, emissions and de-vegetation in Thulamela Local Municipality

Krzysztof Migala (1), Grzegorz Urban (2), Karol Tomczyński (2)

(1) Department of Meteorology and Climatology, Institute of Geography, University of Wrocław

(2) Institute of Meteorology and Water Management – National Research Institute of Poland, Wrocław Division

- How much air temperature at Mt Śnieżka in Karkonosze Mts indicate man made climate?

Katarzyna Jabłońska (1), Bartosz Czernecki (2)

(1) Institute of Meteorology and Water Management – National Research Institute of Poland

(2) Department of Climatology, Adam Mickiewicz University in Poznań

- Changes in the biosphere as a result of climate changes in Poland

room
B 5



C12.11 Geographical Education Changes, Challenges and Responsibility in the School Geography Curriculum. Environmental issues / Curriculum issues

Chairperson: *Clare Brooks*

Chew Hung Chang, Liberty Pascua, National Institute of Education, Nanyang Technological University

- Examining the timeliness of curriculum review in students' understand about climate change – a Singapore case study

Barry Richter, School of Natural Sciences and Technology for Education, Faculty of Education Sciences, North-West University

- Clarification of environmental values by means of a classroom activities: A case study in three South African schools

Per Jarle Saetre, Sogn og Fjordane University College

- Biased Norwegian geography textbooks?

Carolina Dube, Di Wilmot, Education Department, Rhodes University in Grahamstown

- Changes and challenges in school geography: The case of the South African FET curriculum

Petra Karvankova, Dagmar Popjakova, Department of Geography, University of South Bohemia in České Budějovice

- Global education or how to most effectively apply cross-cutting themes into the curriculum of primary schools?

■ C12.11 Geographical Education

Changing Practices in Geography Education: Meeting the Challenges of the Future 1: Innovation in Curriculum 1

Chairperson: *John Lidstone*

Stephanie Leder, Institute of Geography, University of Cologne

- Changing pedagogic practices in Indian geography teaching: New perspectives through education for sustainable development

Yvonne Behnke, Institute of Geography, University of Potsdam

- Visual qualities of future geography textbook

Ingrid Hemmer (1), Peter Bagoly-Simó (2)

(1) Department of Geography Education, Catholic University of Eichstaett-Ingolstadt
(2) Department of Geography Education, Humboldt University of Berlin

- The role of geography education in teaching education for sustainable development

Romy Hofmann, Department for Geography Didactics, Friedrich-Alexander University of Erlangen-Nuremberg

- "...that spaces are not only located somewhere geographically but in the people's minds as well": Spatial orientation in today's world as sensible appropriation of spaces

■ C12.28 Local and Regional Development

Local and Regional Development in the Urban Space 2

Chairperson: *Carmen Vázquez Varela*

Tatiana Borodina, Institute of Geography, Russian Academy of Sciences

- Transformation of countryside at the periphery of Moscow agglomeration



room
B 6

Wednesday



room
B 7

Ellen Banzhaf, Department of Urban Ecology, Environmental Planning and Transport, Helmholtz Centre for Environmental Research

- Urban brownfields as a spatial challenge and option for revitalization and renaturalization purposes – the case of Leipzig, Germany

Gabor Kozma, Department of Social Geography and Regional Development Policy, University of Debrecen

- Role of sport facilities in the regeneration of cities: Case study of Debrecen (Hungary)

room
B 8



■ C12.33 Political Geography Political Geographies of Multilingualism 2: Boundary Making

Chairperson: *Virginie Mamadouh*

Agnes Eross, Patrik Tatrai, Geographical Institute, Hungarian Academy of Sciences

- Visible or invisible? Practices for displaying geographical names in multilingual regions in the Carpathian Basin

Jan Wendt (1), Alexandru Ilieș (2)

(1) Department of Regional Development Geography, University of Gdańsk

(2) Department of Geography, Tourism and Territorial Planning, University of Oradea

- Factors determining spatial diversity of bilingual and trilingual geographical names in Poland and Romania

Stanley Brunn, Department of Geography, University of Kentucky

- Language, identity and boundary disputes in the emerging virtual state: Challenges from the Internet, Google and Social Media Worlds

Marek Sobczyński, Andrzej Rykała, Department of Political Geography and Regional Studies, University of Łódź

- „We the people” – the identification of Silesians in the 21st century

■ C12.20 History of Geography / C12.33 Political Geography

What (Political) Geography Ought to Be? Theoretical Approaches to and Historical Perspectives on Geography and Geopolitics as Instruments of Peace 2

Chairpersons: *Elena dell’Agnese, Toshiyuki Shimazu*

Jean-Yves Puyo, University of Pau and Pays de l’Adour

- La question de la fixation de frontière territoriale de la Guyane française: La géographie française en échec ou la fin d’un certain ‘romantisme’ géographique

Larissa Lira, Institute of Geography, University of São Paulo

- Pierre Monbeig and the Brazilian Geographer’s Association (AGB)

Fabrizio Eva, Department of Asian and North African Studies, Ca’ Foscari University of Venice, Treviso campus

- Reasoning on the Kropotkin’s dilemma, between mutual aid and being interventionist in the First World War, perhaps could be useful for a contemporary peaceful world

Marcin Solarz, Faculty of Geography and Regional Studies, University of Warsaw

- From world state to universal peace – the contribution of Polish political geography to the peace research. Professor Stanisław Pawłowski case

room
B 9



■ C12.30 Mediterranean Basin / C12.39 Urban Commission: Urban Challenges in a Complex World

Urban Challenges for Mediterranean and Gulf Cities

Chairpersons: *Maria Paradiso, Maria Jose Pineira-Mantinan*

Maria Jose Pineira-Mantinan, Belen Maria Castro Fernandez, Department of Geography, Faculty of Geography and History, University of Santiago de Compostela

- The effects of expansive urban development model in Spain:
Artificialization soil and housing stock in the Mediterranean Coastal Axis

Francisco Ramón Durán-Villa, María José Piñeira-Mantiñán, Department of Geography, Faculty of Geography and History, University of Santiago de Compostela

- The impact of the economic crisis in Spanish cities: New profiles of poverty and social exclusion

Rubén Camilo Lois-González, Miguel Pazos Otón, Department of Geography, Faculty of Geography and History, University of Santiago de Compostela

- The regional / global projection of the big cities of the Iberian peninsula:
Between the Mediterranean and Latin America

Miha Koderman, Department of Geography, Faculty of Humanities, University of Primorska

- Second home development challenges in the Upper Adriatic – the case of Municipality of Piran

Noaman Gnaim (1), Michael Sofer (1), Oded Potchter (2), Jallal Gnaim (3)

(1) Department of Geography and Environment, Bar-Ilan University

(2) Department of Geography and Human Environment, Tel Aviv University

(3) Department of Chemistry, The Triangle Regional R&D Center, Israel

- Environmental implication as a result of industrial activities within residential areas in Arab municipalities in Israel: A case study of the “Triangle Region”

■ Thematic session:

Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 2

Chairpersons: *Eyüp Artvinli, Danuta Piróg*

Takashi Shimura (1), Ryuta Yamamoto (2)

(1) Joetsu University of Education

(2) Waseda Honjo High School

- Geographical expertise of primary and lower secondary Social Studies teachers and its impact on lesson practices in Japan

Jaroslav Vávra, Technical University of Liberec

- Changes and challenges on geographical education of Liberec conception, Czech Republic

Emilia Sarno, University Online Pegaso

- Bachelor's thesis in geography for the training of Italian teachers in Nursery and Primary school

Stefanie Zecha, University of Giessen

- Step by step experience nature – signpost for the construction of a professional GPS education trail



room
B 10

Wednesday

room
B 11

room
C 1



■ C12.14 Geography of the Global Information Society Information Society: ICT Applications

Chairperson: *Mark Wilson*

Kenji Kashimoto, Faculty of Education and Integrated Arts and Sciences, Waseda University

- Investigation of the growth of satellite offices of IT firms in the mountain village of Japan: A case study on Kamiyama-cho

Kenta Yamamoto, Kokugakuin University

- Information acquisition behavior of performance art audiences: Cases of Tokyo and Osaka, Japan

Philippe Vidal, Samuel Deprez, University of Le Havre

- Eighteen holes in eighteen square feet: The screen golf cafés in South Korea

Teemu Makkonen, Tommi Inkinen, Department of Geosciences and Geography, University of Helsinki

- Your gadget is the winner! Empirical insight on innovation award competitions in Finland

Hiroaki Kammura (1), Kenji Kashimoto (2)

(1) University of Tokyo

(2) Faculty of Education and Integrated Arts and Sciences, Waseda University

- The effect of e-commerce penetration to retail business in a remote island in Japan

room
C 2



■ C12.38 Transport and Geography Transformation of Transport Systems in Central and Eastern Europe 2

Chairperson: *Richard Knowles*

Robert Guzik, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Postsocialist transformation of transport systems in Central Europe and its impact on the accessibility in rural areas

Daniel Michniak, Department of Human and Regional Geography, Institute of Geography, Slovak Academy of Sciences

- Construction of motorway and expressway network in Slovakia and its effects on regional development

Derek Hall, Seabank Associates in United Kingdom

- Ideology and mobility transformation in South-eastern Europe: The challenging environment for rail transport in Albania

Ariel Ciechański, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- The growth and contraction of industrial railway networks in Poland (1881-2010)

Jakub Taczanowski, Arkadiusz Kołoś, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- The possibilities of introducing light rail systems in medium-sized towns in Central Europe

■ C12.15 Geography of Tourism, Leisure, and Global Change / C12.29. Marginalization, Globalization, and Regional and Local Responses



room
C 3

Tourism and Marginality – Local Initiatives Shaped by Global Trends

Chairpersons: *Dieter K. Mueller, Stanko Pelc*

Alison McCleery, Edinburgh Napier University

- Tourism, marginality and development: Exploring the tensions between consumption and conservation on the North Atlantic periphery

Marko Pavlič, University of Primorska

- Factors of marginalization and their impact on tourism in the upper Soča region

Marcin Popiel, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Spatial, social and organizational aspects of accessible tourism

■ Thematic session:

Floods in Mountain Environments 2

Chairpersons: *Zbigniew Kundzewicz, Markus Stoffel, Bartłomiej Wyżga, Virginia Ruiz-Villanueva*

Renata Romanowicz, Marzena Osuch, Hydrology and Hydrodynamics Department, Institute of Geophysics, Polish Academy of Sciences

- Assessing the impact of climate change on floods

Zbigniew Kundzewicz (1), Markus Stoffel (2), Ryszard Kaczka (3), Bartłomiej Wyżga (3, 4), Tadeusz Niedźwiedź (3), Iwona Pińskwar (1), Virginia Ruiz-Villanueva (2), Ewa Łupikasza (3), Barbara Czajka (3), Juan Antonio Ballesteros-Cánovas (2), Łukasz Małarzewski (3), Adam Choryński (1), Karolina Janecka (3), Paweł Mikuś (3, 4)

- (1) Institute for Agricultural and Forest Environment, Polish Academy of Sciences
- (2) Dendrolab.ch, Institute of Geological Sciences, University of Bern
- (3) Faculty of Earth Sciences, University of Silesia
- (4) Institute of Nature Conservation, Polish Academy of Sciences

- Floods at the northern foothills of the Tatra Mountains; introduction to the FLORIST Research Project

Tadeusz Niedźwiedź (1), Ewa Łupikasza (1), Iwona Pińskwar (2), Zbigniew W. Kundzewicz (2), Markus Stoffel (3), Łukasz Małarzewski (1)

- (1) Faculty of Earth Sciences, University of Silesia
- (2) Institute for Agricultural and Forest Environment, Polish Academy of Sciences
- (3) Institute of Geological Sciences, University of Bern

- Variability of high rainfalls and related synoptic situations causing heavy floods at the northern foothills of the Tatra Mountains

Virginia Ruiz-Villanueva (1), Markus Stoffel (1), Bartłomiej Wyżga (2), Joanna Zawiejska (3), Maciej Hajdukiewicz (4)

- (1) Dendrolab.ch, Institute of Geological Sciences, University of Bern
- (2) Faculty of Earth Sciences, University of Silesia / Institute of Nature Conservation, Polish Academy of Sciences
- (3) Institute of Geography, Pedagogical University in Cracow
- (4) Department of Environmental Engineering, Geomatics and Energetics, Kielce University of Technology

- Modelling large wood transport during floods in the Czarny Dunajec River, Polish Carpathians

room
C 4

Wednesday

Juan Ballesteros-Cánovas (1), Markus Stoffel (1), Clara Rodríguez-Morata (2), Juan Rubiales (3), Virginia Garófano Gómez (4)

- (1) Dendrolab.ch, Institute of Geological Sciences, University of Bern
- (2) Climatic Change and Climate Impacts Research, University of Geneva
- (3) Technical University of Madrid
- (4) Technical University of Valencia

- Unravelling flash-flood activity in an ungauged mountain catchment in the Spanish Central System

room
C5



■ C12.34 Population Geography Spatial Patterns of Fertility 2

Chairperson: *Sławomir Kurek*

Subhash Patil, Shreemati Nathibai Damodar Thackersey Women's University in Pune

- A study of declining child sex ratio in Maharashtra State (India)

Jadwiga Gałka (1), Mirosław Wójtowicz (2)

- (1) Institute of Geography and Spatial Management, Jagiellonian University in Krakow
- (2) Institute of Geography, Pedagogical University of Cracow

- The diversity of procreative behavior of the population in Kraków Metropolitan Area in the light of results of survey research

Anna Łobodzińska, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Fertility intentions and attitudes towards family life in Poland: A spatial approach

room
C6



■ C12.03 Biogeography and Biodiversity Linking Biogeography and Society 2

Chairpersons: *Kazuharu Mizuno, Udo Schickhoff*

Maciej Ziulkiewicz (1), Joanna Żelazna-Wieczorek (2)

- (1) Faculty of Geographical Science, University of Łódź
- (2) Faculty of Biology and Environmental Protection, University of Łódź

- Geographic conditions of the trophic status of springs at a small spatial scale based on the quantitative analysis of diatom communities (Bacillariophyta)

Danny Czamanski, Marina Toger, Faculty of Architecture and Town Planning, Technion - Israel Institute of Technology

- The evolution of the open space network in Haifa

Marcin Rechciński (1), Agata Pietrzyk-Kaszyńska (2), Wiesław Król (3), Małgorzata Grodzińska-Jurczak (2), Joanna Cent (2), Agnieszka Olszańska (4), Barbara Peek (4), Piotr Matczak (5), Krzysztof Mączka (5)

- (1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków
- (2) Institute of Environmental Sciences, Jagiellonian University in Kraków
- (3) Natura 2000 Centre, Institute of Nature Conservation, Polish Academy of Sciences
- (4) Department of Wildlife Conservation, Institute of Nature Conservation, Polish Academy of Sciences
- (5) Institute of Sociology, Adam Mickiewicz University in Poznań

- Identifying Natura 2000 sites with diverse ecosystem services and social conditions: How to link socio-economic and ecological data of different spatial scope?

■ Thematic session:

Geomorphometry of Landforms in Different Landscape Zones 2

Chairpersons: **Zbigniew Zwoliński, Francis Harvey**

Attila Petrik (1), Gyozo Jordan (2), Gabor Csillag (3)

(1) Eötvös University

(2) GEM-RG Research Group

(3) Geological and Geophysical Institute of Hungary

- Method development and systematic Digital Terrain Analysis (DTA) for the characterisation of morphotectonic phenomena in a GIS environment

Anita Bernatek, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Geomorphometry of piping forms in the Bieszczady Mts. (Eastern Carpathians): Similarities and differences in comparison with other landscape zones

Alicja Najwer, Zbigniew Zwoliński, Institute of Geoecology and Geoinformation, Adam Mickiewicz University in Poznań

- The landform geodiversity assessment method: A comparative analysis for Polish and Swiss mountainous landscape

Zbigniew Zwoliński, Institute of Geoecology and Geoinformation, Adam Mickiewicz University in Poznań

- An attempt of the geomorphometric characteristics for the Earth morphoclimatic zones

room
C 7

■ C12.39 Urban Commission: Urban Challenges in a Complex World Creating Sustainability 2

Chairpersons: **Celine Rozenblat, Daniel O'Donoghue**

Kerry Bobbins, Gauteng City-Region Observatory

- Building a green infrastructure concept and process in the Gauteng City-Region, South Africa

Albert Santasusagna Riu, Joan Tort Donada, Physical Geography and Regional Geographical Analysis, University of Barcelona

- City-river interaction and associated problems of urban planning. A case study in a Mediterranean city: Terrassa (Barcelona, Catalonia, Spain)

Jun Nishihara, Graduate School of Informatics, Shizuoka University

- Intra-differences of population changes within new municipalities impacted by a national pro-merger policy of municipalities and their sustainability of peripheral areas after their mergers in Japan

Majken Toftager Larsen, Department of Environmental, Social and Spatial Change, Roskilde University

- Learning and fostering of sustainability strategies in urban planning: Experiences from the Oresund Region



room
C 8

Wednesday

room
C 9



C12.39 Urban Commission: Urban Challenges in a Complex World Urbanization and Functions of Cities in Post-Socialist Countries 2

Chairpersons: *Daniela Szymańska, Beata Hołowiecka, Celine Rozenblat*

Natalia Koldobskaya, Faculty of Geography, Lomonosov Moscow State University

- Ecological transformations in the capitals of Post-Soviet countries

Beata Hołowiecka, Daniela Szymańska, Sylwester Piszczek, Department of Urban Studies and Regional Development, Nicolaus Copernicus University

- Infrastructure transformation in the Polish cities – selected aspects

Krzysztof Rogatka, Daniela Szymańska, Department of Urban Studies and Regional Development, Nicolaus Copernicus University

- Peri-urban areas in Poland in the context of building activity

Agnieszka Kwiatek-Sołtys, Institute of Geography, Pedagogical University of Cracow

- Functions, development barriers and factors of growth of small towns in Poland

Cristian Ioan Iojă, Mihai Razvan Nita, Gabriel Ovidiu Vanau, Diana Andreea Onose, Athanasios Alexandru Gavrilidis, Center for Environmental Research and Impact Studies, University of Bucharest

- Territorial planning using a prediction model for environmental changes determined by incompatible land uses. Case study Bucharest Metropolitan Area

room
C 10



C12.26 Land Use and Land Cover Change Landscape (Re)Construction

Chairperson: *Ivan Bičík*

Yukio Himiyama, Faculty of Education, Hokkaido University of Education

- SLUAS: Towards sustainable land use in Asia

Grzegorz Wałek (1), Joanna Garbulińska-Węgrzyn (2)

(1) Institute of Geography, Jan Kochanowski University in Kielce

(2) Institute of Mathematics, Jan Kochanowski University in Kielce

- Map algebra and relatively prime numbers contribution to Land Use / Land Cover change analysis: A case study

Andrea Wagner, Claudia Heidecke, Peter Kreins, Johann Heinrich von Thünen Institute (vTI) – Federal Research Institute for Rural Areas, Forestry and Fisheries of Germany

- Depicting agricultural land use changes in the Baltic Sea Catchment – Recent trends and changes due to topographical and statistical data sets

Zbyněk Janoušek, Social Geography and Regional Development, Charles University in Prague

- Hot spots of agricultural land losses in Czechia (1845-2010): Methodical questions of their delimitation

Dominik Kaim (1), Jacek Kozak (1), Krzysztof Ostafin (1), Urs Gimmi (2), Catalina Munteanu (3), Volker C. Radeloff (3)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Snow and Landscape Research (WSL), Swiss Federal Research Institute for Forest

(3) Department of Forest and Wildlife Ecology, University of Wisconsin-Madison

- Forest cover change in the Polish Carpathians since the mid-19th century: How do different methods of map interpretation contribute to our understanding of land cover change?

1 pm – 2 pm LUNCH BREAK

■ Plenary session: Challenges

Prof. Zbigniew W. Kundzewicz, Institute for Agricultural and Forest Environment, Polish Academy of Sciences, Poland

- Climate change, related challenges and responsibilities

Prof. Gideon Biger, Department of Geography and Human Environment, Tel Aviv University, Israel

- The Challenge of Historical Geography and the geographical question of „Where is the Holy Land“?

room
B 0

3:30 pm – 4 pm COFFEE BREAK

 ■ C12.27 Latin American Studies
Geography of Latin American Cities

Chairpersons: *Juan Manuel Delgado Estrada, Bogumiła Lisocka-Jaegermann*

Mónica Arroyo, University of São Paulo

- Cities and global trade in Brazil

Jeferson Pacheco De Rezende (1), Heloísa Gomes (1), Gustavo Martins (2)

(1) Department of Geography, University of São Paulo

(2) Department of Communication and Public Relations, University of São Paulo

- Consumption and production of new spaciality of the luxury trade in the city of Sao Paulo (Brazil) in the 21st century

Anna Winiarczyk-Rażniak, Institute of Geography, Pedagogical University of Cracow

- The challenges facing the Latin American metropolis – Ciudad de Guatemala case study

Eudes Leopoldo de Souza, State University of Ceará (UECE)

- The metropolization of space: The economic and political movement of Brazilian metropolitan regions

Vicente Alves, Faculty of Geography, University of Campinas – UNICAMP, São Paulo

- Urbanization and agriculture modernization: Urban dynamics in old and new towns in the cerrado biome of north-central region of Brazil

room
A 2

room
A 4



■ C12.07 Cultural Approach in Geography Landscape Changes and Responsibilities in East Asia 2

Chairpersons: *Je-Hun Ryu, Shangyi Zhou*

Werner Breitung, Department of Urban Planning & Design, Xi'an Jiaotong-Liverpool University in Suzhou

- Landscape identity and landscape conservation in the Hong Kong mainland China border area

Qing Yuan, Tong Liu, School of Architecture, Harbin Institute of Technology

- Visualization expression of intangible culture elements in urban landscape features planning

Michał Konopski, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Podlasie in the awareness of local population: An attempt of regional delimitation

room
A 5



■ C12.08 Dynamics of Economic Spaces The Geography of 'Greening the Economy' – Restructuring, Knowledge, Networks and Discourse 2

Chairpersons: *Brita Hermelin, Margareta Dahlström*

Leonid Rudenko, Sergiy Lisovsky, Eugenia Maruniak, Institute of Geography, National Academy of Sciences of Ukraine

- The experience of the implementation in Ukraine a sustainable development paradigm and reports on progress in this area as an example of a communication platform for greening the economy

Ida Andersson, Department of Human Geography, Stockholm University

- Greening the local business community: Collaboration and identity formation in the greenest city in Europe

Kristina Trygg, Department of Human Geography, Stockholm University

- Innovative process involving many actors in renovation

Brita Hermelin, Centre for Municipality Studies, Linköping University

- Local projects for sustainable development: Dynamics of projects in multi-local networks

room
A 6



■ C12.10 Gender and Geography ■ C12.15 Geography of Tourism, Leisure, and Global Change Gender and Tourism

Chairpersons: *Janet Momsen, Alison Gill*

Lauren Duffy (1), Carol Kline (2)

(1) Department of Parks, Recreation, and Tourism Management, Clemson University

(2) Department of Recreation and Leisure; Center for Sustainable Tourism, East Carolina University

- Women in tourism: Shifting gender ideology?

Iren Szorenyine Kukorelli, Centre for Economic and Regional Studies Hungarian Academy of Sciences

- The role of women in rural tourism and spatial innovation

Tracey McKay, Department of Geography, Environmental Management & Energy Studies, University of Johannesburg

- Physicality, femininity, socialisation and white water rafting

Janet Momsen (1), *Michael Nakata* (2)

(1) International Gender Studies, University of Oxford

(2) Department of Geography, University of California, Davis

- Gender and tourism: Mountain tourism in Japan

Ghada Masri, Global Studies, University of California-Riverside

- Halal tourism: The making of gendered fantasyscapes

■ C12.08 Dynamics of Economic Spaces

Creative Industries – A Driver of New Spatial Dynamics?: Pathways Towards Creative Cities

Chairperson: *Michał Męczyński*

Jani Kozina, Research Centre of the Slovenian Academy of Sciences and Arts

- Distribution of creativity in the Ljubljana urban region

Aneta Pawłowska, *Sylvia Łękawska*, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Creative industries and tourism sector as an innovative area of cooperation in Polish cities

Daniel Peptenatu (1), *Radu Pintilii* (2), *Cristian Draghici* (2), *Igor Sirodoev* (3), *Mirela Paraschiv* (3)

(1) Department of Human and Economic Geography, University of Bucharest

(2) Faculty of Geography, University of Bucharest

(3) The Interdisciplinary Center for Advanced Research on Territorial Dynamics, University of Bucharest

- Short poster presentation and discussion: Creative capacity of emerging territorial systems. Case Study territorial system emerging Bucharest

■ C12.15 Geography of Tourism, Leisure, and Global Change

Geographies of Heritage and Cultural Tourism 2

Chairpersons: *Carolin Funck*, *Jie Zhang*

Honggang Xu, *Yan Ren*, School of Tourism and Management, Sun Yat-Sen University

- Tourism impact on the Naxi Dongba linguistic landscape

Michael W.H. Chan, Department of General Education, Hang Seng Management College

- Himeji Castle Egret's eye view: A case study on incorporating heritage restoration and cultural tourism

Dolores Sanchez-Aguilera, *Jaume Font-Garolera*, Department of Physical Geography and Regional Geographical Analysis, University of Barcelona

- Following the paths of historical memory ...cultural Routes of Wars and Battles in Spain



COMMISSIONS

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A 7

Wednesday



COMMISSIONS

room
A 8

room
A 9



■ C12.10 Gender and Geography

Surviving and Thriving as a Woman Geographer: Panel Session with Short Introductory Presentations

Chairperson: *Janice Monk*

Janice Monk, School of Geography and Development, University of Arizona

- Surviving and thriving as a woman in geography: Panel and discussion

Anindita Datta, Department of Geography, University of Delhi

- Crayons, cartographies, maps and mothering:
Notes from an Indian feminist-geographer- mother

Shirlena Huang, Department of Geography, National University of Singapore

- Great expectations: Surviving gendered policies and changing institutional frameworks in a rapidly internationalizing university

Ragnhild Lund, Department of Geography, Norwegian University of Science and Technology

- Searching alternative truths and some personal experiences

Kristin Sziarto, Department of Geography, University of Wisconsin-Milwaukee

- Feminist co-mentoring: Building solidarity at a neoliberalizing state university

room
A 9

Business meeting of IGU Commission
12.10 Gender and Geography (6-7 pm)

room
B 1



■ C12.19 Health and Environment

Health and Health Care 3

Chairperson: *Mark Rosenberg*

Yury Golubchikov, Faculty of Geography, Lomonosov Moscow State University

- Landscape therapy as opportunity for healing

Krzysztof Błażejczyk, Jarosław Baranowski, Stanisław Leszczycki Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Multiannual variability of climate related diseases in Poland and its relation to climate change

Jean Francois Cornu (1), Karim Tazarourte (2)

(1) University Montpellier 2

(2) University Claude Bernard, Lyon

- Optimal estimations of ambulance speeds: Toward a better evaluation of spatial accessibility to prehospital emergency services

Mark Rosenberg (1), Kathi Wilson (2), Lindsay Healey (1)

(1) Department of Geography, Queens University

(2) Department of Geography, University of Toronto at Mississauga

- Accessing MRI Services in Ontario, Canada

Jie Yu, Mark Rosenberg, Yang Cheng, Department of Geography, Queen's University

- Aging at home and supportive community-based care in China: A case study of Metropolitan Beijing

■ C12.34 Population Geography

Education Migration within and across the Global World

Chairperson: *Darren Smith*

Catherine Waite, Department of Geography & School of Sport, Exercise and Health Sciences, Loughborough University

- Educating professional cricketers: Temporary, international migration and career development

Suzanne Beech, Department of Geography, Environment and Earth Sciences, University of Hull

- International education agents: Selling the overseas experience

Artur Bajerski, Department of Spatial Management, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Migration of scientists and the development of universities in interwar Poland

Hans Elshof, Faculty of Spatial Sciences, Department of Demography, University of Groningen

- The effect of the closure of primary schools on the locational choice of families with children

Alexandra Stam, Department of Geography, School of the Environment, University of Lausanne

- Mobility within the life-course: The 2016-2017 Swiss Federal Survey of Adolescents

■ C12.04 Climatology

Atmospheric Circulation in Different Scales

Chairpersons: *Zbigniew Ustrnul, Jun Matsumoto*

Vladimir Platonov, Faculty of Geography, Lomonosov Moscow State University

- The estimation of atmospheric circulation variability at the Southern Hemisphere and its association with the ENSO cycle

Taiichi Hayashi, Disaster Prevention Research Institute, Kyoto University

- Heavy rainfall in the Northeastern Indian sub-continent

Uri Dayan (1), Itamar Lensky (2), Oded Guez (2)

(1) Department of Geography, The Hebrew University of Jerusalem

(2) Department of Geography and Environment, Bar-Ilan University

- Impact of the synoptic circulation on the near surface layer thermal profile



COMMISSIONS

**room
B 2**

Wednesday



COMMISSIONS

**room
B 3**

Zbigniew Ustrnul (1), János Mika (2), Agnieszka Wypych (1), Andras Razi (2)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Department of Geography, Eszterhazy Karoly College in Eger

- Circulation types classifications for Hungary and Poland – validation attempt

Baruch Ziv (1), Tzvi Harpaz (1), Hadas Saaroni (2), Richard Blender (3)

(1) Department of Natural Sciences, The Open University of Israel

(2) Geography and the Human Environment, Tel Aviv University

(3) Meteorological Institute, University of Hamburg

- A new objective methodology for identifying ‘parent-daughter’ cyclones relationship and its application for the Mediterranean Basin

Michał Marosz, Department of Meteorology and Climatology, University of Gdańsk

- Artificial neural networks as a tool in the multilevel classification of circulation types

room
B 4



■ C12.04 Climatology

Polar and Mountain Climates

Chairpersons: *Rajmund Przybylak, Tadeusz Niedźwiedź*

Jakub Szmyd, Department of Geoecology and Climatology, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Influence of lee waves on the near-surface atmospheric pressure and local air circulation in foreland of the Polish Tatra Mts.

Dariusz Woronko (1), Elwira Żmudzka (2)

(1) Department of Hydrology, Faculty of Geography and Regional Studies, University of Warsaw

(2) Department of Climatology, Faculty of Geography and Regional Studies, University of Warsaw

- The influence of physical geographic conditions on the local climate of Pińczów neighbourhood area

Peter Nojarov, Department of Geography, National Institute of Geophysics, Geodesy and Geography, Bulgarian Academy of Sciences

- Modeling climate change in Rila and its impact on Seven Rila Lakes

Lars Gerlitz, Jürgen Böhner, Institute of Geography, University of Hamburg

- Towards a statistically based high resolution surface temperature parametrization for high mountain environments

Rajmund Przybylak (1), Przemysław Wysztyński (1), Oyvind Nordli (2), Tomasz Strzyżewski (1)

(1) Department of Meteorology and Climatology, Nicolaus Copernicus University

(2) Division for Model and Climate Analysis, Research and Development Department, Norwegian Meteorological Institute

- Changes of air temperature in Svalbard and the surrounding seas from 1861 to 1920

Rajmund Przybylak, Andrzej Arażny, Rafał Maszewski, Patrycja Ulandowska-Monarcha, Department of Meteorology and Climatology, Nicolaus Copernicus University

- Spatial diversity of air temperature in the Forlandsundet region (Spitsbergen) from August 2010 to August 2013

■ C12.18 Hazard and Risk

Government and Academic Initiatives and Partnerships on Reduction of Risks from Natural Hazards and Disasters and Adaptation to Climate Change

Chairperson: *Doracie B. Zoleta-Nantes*

Doracie Zoleta-Nantes, Crawford School of Public Policy, Resources, Environment and Development, College of Asia and the Pacific, Australian National University

- Strengthening the capacity of Philippine local government units (LGUs) and state universities on climate change adaptation and disaster risk reduction

John Tiefenbacher, Department of Geography, Texas State University

- Prospects for climate change focused greenhouse gas emissions mitigation in United States communities: Discrimination of the committed communities using their economic, behavioral and social characteristics

Olga Bazhenova (1), Elizaveta Tumentceva (2), Stanislav Makarov (1)

(1) V.B. Sochava Institute of Geography in Irkutsk

(2) East-Siberian State Academy of Education in Irkutsk

- Geomorphological risk assessment on the Irkutsk-Cheremkhovo Plain (south of Eastern Siberia)



room
B 5

■ C12.11 Geographical Education

Changing Practices in Geography Education: Meeting the Challenges of the Future 2: Innovation in Curriculum 2

Chairperson: *John Lidstone*

Hiroaki Sakaue (1), Takuya Iwamura (2)

(1) Graduate School of Education, Hiroshima University

(2) Yamaguchi Agricultural High School

- The didactics and learning contents on education for sustainable development in geographical education: A comparative study of Germany and Japan

Sarah Bednarz, Robert Bednarz, Department of Geography, Texas Agricultural and Mechanical University

- Concepts, development, and trends in spatial thinking

Fernando Bernardes, Institute of Geography and Spatial Planning, University of Lisbon

- The geographical identity in landscape ecology: The concepts of environment and their representations

Charles Rawding, Faculty of Education, Edge Hill University

- Problematizing place: Issues in the geography classroom



room
B 6

Wednesday

room
B 7



C12.28 Local and Regional Development

Local and Regional Development in the Rural Space 4

Chairperson: *Konrad Czapiewski*

Carmen Vázquez, Urban Geography Department, Faculty of Geosciences, University of Castilla-La Mancha

- Building territorial identity in Castilla-La Mancha Region: The role of public policies for rural development

Liudmila Fakeyeva, Faculty of Geography, Belarusian State University

- Economic and geographical factors of rural demographic development in Belarus

Gari Raagmaa, G. Kindel, Department of Geography, University of Tartu

- Leadership, territorial identity and rural development

room
B 8



C12.33 Political Geography

Political Geographies of Multilingualism 3: Policies and Politics

Chairperson: *Virginie Mamadouh*

Lech Haydukiewicz (1), *Jarosław Cebulski* (2)

(1) Jesuit University Ignatianum in Kraków

(2) Institute of Geography and Spatial Organization, Polish Academy of Science

- The ethnic and linguistic diversity as a basis of some shapes of electoral behavior, internal policies and international relations: A case of Lithuania

Wi-Vun Chiung, Department of Taiwanese Literature, National Cheng Kung University

- Ethnolinguistic policy changes in Taiwan

László Marác, Institute of East European Studies, University of Amsterdam

- Territoriality as a „hidden” principle affecting the politics of interethnolinguistic relations: The case of ethnic Hungarians in Romania

Clotilde Bonfiglioli, Laboratoire Ea 2076 Habiter, Université De Reims Champagne-Ardenne

- How is multilingualism in the periphery of Brussels’s Capital managed by the Flemish authorities?

Virginie Mamadouh, Department of Geography, Planning and International Development Studies, University of Amsterdam

- Linguistic diversity and the (im)possibilities of (pan-)European elections

room
B 9



C12.31 Modeling Geographical Systems

Spatial Analysis and Spatial Econometrics

Chairperson: *Yee Leung*

Manfred M. Fischer (1), *James P. LeSage* (2)

(1) Institute for Economic Geography and GIScience, Vienna University of Economics and Business

(2) Department of Finance and Economics, Texas State University

- A Bayesian space-time approach to identifying and interpreting regional convergence clubs in Europe

Yee Leung, Department of Geography and Resource Management, Chinese University of Hong Kong

- An examination of error analysis and error propagation methods in GIScience

Ritwika Mukherjee, Jawaharlal Nehru University New Delhi

- Nurturing the neighbourhood: Exploring the dynamics of spatial effect over the child sex ratio distribution in India from 1961-2011

Tomasz Kossowski, Jan Hauke, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- On a concept of multivariate spatial association measure

Tamas Krisztin, Manfred M. Fischer, Institute for Economic Geography and GIScience, Vienna University of Economics and Business Administration

- The gravity model of trade: Specification and estimation issues

■ **C12.14** Geography of the Global Information Society / **C12.30** Mediterranean Basin

Mediterranean Internet Culture

Chairpersons: *Maria Paradiso, Mark Wilson*

Giorgos Somarakis, Anastasia Stratigea, Department of Geography and Regional Planning, National Technical University Athens

- Public involvement in taking legislative action as to the spatial development of the tourist sector in Greece: The opengov platform experience

Alexandre Schon, Henry Bakis, Actors, Resources and Territories in Development UMR 5281, University of Montpellier 3

- Regionalization of data centers. The case of the southeast of France

Chrysaida-Aliki Papadopoulou, Anastasia Stratigea, Department of Geography and Regional Planning, National Technical University of Athens

- ICTs-enabled participatory planning as a tool for mobilizing the revitalization of mountainous regions – the case of Taygetos-Greece

■ **Thematic session:**

Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 3

Chairpersons: *Eyüp Artvinli, Danuta Piróg*

Anne-Kathrin Lindau (1), *Alexander Finger* (2)

(1) Institute of Geoscience and Geography, Martin-Luther-University Halle

(2) Institute of Biology, Martin-Luther-University Halle

- How do pre-service teachers see their competence in organizing field trips in an unknown region?



room
B 10

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room
B 11

Teresa Sadoń-Osowiecka, Faculty of Oceanography and Geography, University of Gdańsk

- The challenge to the change of geography teaching from student's perspectives

Christo Van Der Westhuizen, Potchefstroom Campus, Faculty of Education Sciences, North-West University South Africa

- Geo-spatial thinking abilities of geography student teachers in South Africa

Marco Lupatini, Department of Teaching and Learning, University of Applied Sciences and Arts of Southern Switzerland

- Secondary school I geography teachers' formation in Canton Ticino

Eyüp Artvinli (1), İhsan Bulut (2), Niyazi Kaya (3)

(1) Faculty of Education, Eskişehir Osmangazi University, Turkey

(2) Department of Geography, Atatürk University, Turkey

(3) Basic Education Department, Ministry of National Education, Turkey

- Teacher education of geography in Turkey: The ways for improvement?

Hilmi Demirkaya, Department of Social Studies, Akdeniz University in Antalya

- Opportunities and challenges of teacher innovation from the perspective of geography teachers

BUILDING C

Wednesday 20th August

4 pm – 5:45 pm

room
C 1



■ C12.14 Geography of the Global Information Society Information Society: Health, Safety and Quality of Life

Chairperson: *Mark Wilson*

Feng Zhen, Department of Urban Planning and Design, Nanjing University

- ICT-based or led? The role of ICTs in town renewal: Case study of Zhujiajiao, Shanghai

Piotr Werner, Faculty of Geography and Regional Studies, University of Warsaw

- Rebound effects of ICT development in EU

Xiangxuan Xu, University of Gothenburg

- Top-down or bottom-up? A comparison of smart public bike sharing system in Sweden and China

room
C 2



■ C12.38 Transport and Geography Transformation of Transport Systems in Central and Eastern Europe 3

Chairperson: *Zbigniew Taylor*

Jędrzej Gadziński, Adam Mickiewicz University in Poznań

- Contemporary urbanisation processes and local transport systems in Polish agglomerations

Tomasz Komornicki, Stanisław Leszczycki Institute of Geography and Spatial Organization Polish Academy of Sciences

- Changes in Polish transport policy after 2004

Matej Gabrovec, David Bole, Nika Razpotnik Viskovič, Research Centre of the Slovenian Academy of Sciences and Arts, Anton Melik Geographical Institute

- Is unsustainable mobility the result of settlement pattern? The case of Slovenia

Miroslav Marada, Viktor Květoň, Department of Social Geography and Regional Development, Faculty of Science, Charles University in Prague

- Mode choice shift in Czechia in the last decade: Spatial differences or the same trend for all regions?

Stanislav Kraft, Department of Geography, University of South Bohemia in České Budějovice

- Daily spatial mobility and transport behaviour in the Czech Republic: Challenges for current transportation geography

Marcin Połom, Department of Geography of Regional Development, University of Gdańsk

- Multi-criteria evaluation of trolleybus transport transformations in Czech Republic, Poland and Slovakia in the light of the European Union accession

■ Thematic session:

Floods in Mountain Environments 3

Chairpersons: *Zbigniew Kundzewicz, Markus Stoffel, Bartłomiej Wyżga, Virginia Ruiz-Villanueva*

Bartłomiej Wyżga (1), Joanna Zawiejska (2), Artur Radecki-Pawlik (3)

- (1) Institute of Nature Conservation, Polish Academy of Sciences
- (2) Institute of Geography, Pedagogical University of Cracow
- (3) Department of Hydraulics Engineering and Geotechnique, University of Agriculture in Cracow

- Impact of channel incision on the hydraulics of flood flows: Examples from Polish Carpathian rivers

Hanna Hajdukiewicz (1), Bartłomiej Wyżga (1), Paweł Mikuś (1), Joanna Zawiejska (2), Artur Radecki-Pawlik (3)

- (1) Institute of Nature Conservation, Polish Academy of Sciences
- (2) Institute of Geography, Pedagogical University of Cracow
- (3) Department of Hydraulics Engineering and Geotechnique, University of Agriculture in Cracow

- Impact of a major flood on a mountain river on physical habitat conditions for river biota, channel morphology and valley-floor infrastructure

Miloš Rusnak, Department of Physical Geography, Geomorphology and Natural Hazards, Institute of Geography, Slovak Academy of Sciences

- Changes of a gravel-bed sinuous river channel due to extreme floods inferred from remotely sensed data: Morphological effects, bank migration and bank erosion risk identification

Tomasz Bryndal, Institute of Geography, Pedagogical University of Cracow

- A method for identification of small catchments more prone to flash flood: Example of the Dynowskie Foothills area (Outer Flysch Carpathians)

Tomas Galia, Vaclav Skarpich, Department of Physical Geography and Geoecology, Faculty of Science, University of Ostrava

- Connectivity of coarse bed material and the role of stream power in steep flysch-based Carpathian headwaters

room
C 4

Wednesday

room
C 5



■ C12.34 Population Geography

Reurbanization in Europe – Comparing Trends and Driving Factors

Chairperson: **Paul Gans**

Elżbieta Gołata (1), Ireneusz Kuropka (2)

(1) Department of Statistics, Poznań University of Economics

(2) Department of Forecasting and Economic Analysis, Wrocław University of Economics

- Large cities in Poland in face of demographic changes

Patrick Rerat, Institute of Geography, University of Neuchatel

- Reurbanization in Switzerland: Trends and driving factors

Stefan Siedentop, Frank Osterhage, Stefan Kaup, ILS - Research Institute for Regional and Urban Development of Germany

- Reurbanisation in Germany: The population development of large cities and the complex interplay of different migration flows

Anja Nelle, Leibniz-Institute for Regional Development (IRS)

- Re-urbanization: The ability to escape from vicious circles

room
C 6

Business meeting of IGU Commission C12.03 Biogeography and Biodiversity

room
C 7



■ C12.12 Geographical Information Science

GIScience and GIS: Changing Approaches, Challenging Problems, Responsible Science

Chairpersons: **Francis Harvey, Jacek Kozak**

Yoshiki Wakabayashi (1), Mikoto Kukimoto (2), Yoshimichi Yui (3)

(1) Department of Geography, Tokyo Metropolitan University

(2) Faculty of Economics, Oita University

(3) Graduate School of Education, Hiroshima University

- Visualization of the supply demand gap in childcare services with GIS: The case of Naha City, Japan

Viktor Putrenko, World Data Center for Geoinformatics and Sustainable Development

- GIS assessment of the dependence between the amount of emissions and air quality in cities on the example of the Donbass region in Ukraine

Eva Dodsworth, Geospatial Centre, University of Waterloo

- Google Earth: An armchair approach to conducting and discovering research

Erine Van Niekerk, Josh Fisher, Centre for Research Excellence in Environmental Management, Southern Institute of Technology, Invercargill

- GIS food shed modeling – A sustainable urban planning tool for Invercargill

Piotr Dzieszko, Zbigniew Zwoliński, Department of Geographical and Geological Sciences, Adam Mickiewicz University in Poznań

- Agent-based modelling: Effective tool for modelling lake geoecosystems

■ C12.39 Urban Commission: Urban Challenges in a Complex World Complex Urban Systems 2



COMMISSIONS

room
C 8

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Meryem Hayir Kanat, Department of Geography, Faculty of Science, Yildiz Technical University

- Gentrification and transformation process in old city of Istanbul

Manuel Valenzuela, Marco Adelfio, Carlos Palomero, Department of Geography, Autonomous University of Madrid

- Reshaping the metropolitan regions. The role of the Madrid railway transport network in the path from a monocentric to a polycentric structure

Celine Rozenblat, Antoine Bellwald, Institute of Geography, Faculty of Geosciences, University of Lausanne

- Relay cities in the world urban networking of multinational firms (2010-2013)

■ C12.39 Urban Commission: Urban Challenges in a Complex World Urbanization and Functions of Cities in Post-Socialist Countries 3



COMMISSIONS

room
C 9

Chairpersons: *Daniela Szymańska, Beata Hołowiecka, Celine Rozenblat*

Ewa Kacprzak, Barbara Maćkiewicz, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Agricultural economic development at the rural-urban interface of the Poznań Agglomeration at the beginning of the 21st century

Barbara Maćkiewicz, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- The conversion of rural land-use to urban sprawl in the Poznań Agglomeration

Sławomir Kurek (1), Jadwiga Gałka (2), Mirosław Wójtowicz (1)

(1) Institute of Geography, Pedagogical University of Cracow

(2) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Urban umbilical cord. Spatial and functional relations between suburban communities and the central city on the example of the Kraków Metropolitan Area

Andrzej Zborowski, Tomasz Chaberko, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Urban areas in Poland – an expected decline or spiral of shrinkage?

room
C 10



■ **C12.39 Urban Commission: Urban Challenges in a Complex World**
The place and Role of Small Towns in Complex Urban Systems 1

Chairperson: *Agnieszka Kwiatek-Sołtys*

Jean-Charles Edouard, Department of Geography, Centre for Studies and Applied Science in the Massif Central (CERAMAC), Blaise Pascal University in Clermont-Ferrand

- Small towns, relevant witnesses of current territorial development issues. Lessons from France

Helene Mainet, Department of Geography, Centre for Studies and Applied Science in the Massif Central (CERAMAC), Blaise Pascal University in Clermont-Ferrand

- The paradoxical place of small towns in sustainable development policies. What is beyond the images of places where the living is easy?

Peter Haugseth (1), *Pertti Joenniemi* (2)

(1) UIT The Arctic University of Norway

(2) University of Eastern Finland

- Kirkenes – Nikel; Twin cities in the Norwegian – Russian borderland?
Local context – trans-nationalities in the making

Etienne Nel, Department of Geography, University of Otago

- Coping with demographic and economic change: The recent experience of small town
New Zealand

Antonin Vaishar, *Milada Štastná*, *Kateřina Stonawská*, Department of Applied and Landscape Ecology, Mendel University in Brno

- Small towns: Engines of rural development in the South-Moravian region (Czechia). An analysis of the demographic development

Manfred Kuehn, *Regeneration of Cities*, Leibniz Institute of Ecological Urban and Regional Development

- Small towns in peripheral regions of Germany

Poster exhibition

Wednesday 20.08.2014, 9 am – 5:45 pm

■ C12.04 Climatology

Weather and Climate Extremes

Joanna Popławska, Katarzyna Grabowska, Faculty of Geography and Regional Studies, University of Warsaw

- Supercell tornadoes in Poland (case studies)

Katarzyna Grabowska, Joanna Popławska, Tomasz Grabowski, Faculty of Geography and Regional Studies, University of Warsaw

- Synoptic conditions during the occurrence of long series of storm days in selected regions of Poland

Zuzanna Bielec-Bąkowska (1), Katarzyna Piotrowicz (2)

(1) Department of Climatology, University of Silesia

(2) Department of Climatology, Jagiellonian University in Kraków

- Weather types during strong anticyclones in Poland

■ C12.04 Climatology

Atmospheric Circulation in Different Scales

Małgorzata Falarz, Department of Climatology, Faculty of Earth Sciences, University of Silesia

- Changes and variability in centres of action of the atmosphere in the Northern Hemisphere in January and July

Joong-Bae Ahn, Yong-Jun Park, Department of Atmospheric Sciences, Pusan National University

- Characteristics of atmospheric circulation over East Asia associated with summer blocking

Małgorzata Śliwińska, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Comparison of the causes, course and consequences of a very strong foehn wind in the Tatra Mountains in 1968 and 2013

Bartłomiej Pietras, Institute of Geography, Pedagogical University of Cracow

- Influence of meteorological conditions on high suspended dust concentration in Krakow and attempt to determine origin of particles

Zuzanna Bielec-Bąkowska, Department of Climatology, University of Silesia

- Strong anticyclones over Europe

Monika Lisowska, Faculty of Geography and Regional Studies, University of Warsaw

- Wind energy potential in Ciężkowice Piedmont (Poland)

■ C12.06 Cold Region Environments

Arctic Integrated Geographical Research and Observation Networks

Elżbieta Majchrowska, Faculty of Earth Sciences, University of Silesia

- Hydrological response of High-Arctic catchment to changing climate: A case study of Werenskioldbreen Watershed, Spitsbergen

Dariusz Ignatiuk (1), Dariusz Puczko (2), Agnieszka Piechota (1)

(1) Department of Geomorphology, Faculty of Earth Sciences, University of Silesia

(2) Institute of Biochemistry and Biophysics, Polish Academy of Sciences

- Mass balance of Werenskioldbreen (Spitsbergen) in periods 1998-2002 and 2008-2012



building
B



COMMISSIONS



COMMISSIONS

Andrzej Kostrzewski, Józef Szpikowski, Grzegorz Rachlewicz, Zbigniew Zwoliński, Grażyna Szpikowska, Department of Geoecology, Institute of Geoecology and Geo-Information, Faculty of Geographical and Geological Science, Adam Mickiewicz University in Poznań

- Seasonal variability of fluvial transport in polar zone (Petuniabukta, central Spitsbergen, Svalbard)

Łukasz Stachnik (1, 2), Marta Kondracka (3), Dariusz Ignatiuk (3)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków
(2) Sogn og Fjordane University College
(3) Faculty of Earth Sciences, University of Silesia

- Water chemistry of the naled situated in proglacial area of polythermal glacier (Werenskioldbreen, SW Spitsbergen)

Elżbieta Majchrowska, Department of of Geomorphology, Faculty of Earth Sciences, University of Silesia

- Glacier River Delta change detection (Spitsbergen, High-Arctic)



■ C12.15 Geography of Tourism, Leisure, and Global Change Geographies of heritage and cultural tourism

Martyna Plaza, Institute of Geography, Pedagogical University of Cracow

- Directions and reasons of European international retiree emigration

Elżbieta Stach, Institute of Geography an Spatial Management, Jagiellonian University in Kraków

- Geographical travel destinations for children and young people exemplified by the activities of school tourist and sightseeing clubs in Krakow

Takaharu Miyoshi, Department of Civil Engineering and Urban Design, Hiroshima Institute of Technology

- Walking through Miyajima-Machiya-Street using the Old Drawing from the Edo Period on an iPad



■ C12.17 Global Change and Human Mobility New approaches to migratory policies in a mobile world

Yungang Liu (1), Yue Chen (1), Wenting Zhou (2)

(1) School of Geography Sciences and Planning, Sun Yat-sen University
(2) Life and Environmental Sciences, University of Tsukuba

- Global Economy, local landscape: Study on the ethnic economy of Japanese expatriates in Guangzhou City



■ C12.19 Health and Environment Health and health care

Cláudia Costa (1), Paula Santana (2), Ricardo Almendra (1)

(1) CEGOT - Centre of Studies on Geography and Spatial Planning, Department of Geography, University of Coimbra

(2) CEGOT - Centre of Studies on Geography and Spatial Planning, University of Coimbra

- Geographic accessibility and avoidable mortality ameanable to healthcare in Portugal. Is there an association?

Adriana Diaz, Corina Rodriguez, Centro de Investigaciones y Estudios Ambientales, Facultad de Ciencias Humanas UNICEN

- Right to water in lower rank settlements. Contribution from local to global. A study case in Buenos Aires province (Argentina)

■ C12.27 Latin American Studies

Environmental Issues, Climate Change and Risk Management in Latin America

Cristian Henriquez (1), Fanny Coulombie (2), Francisco de la Barrera (3)

- (1) Pontifical Catholic University of Chile
- (2) AgroParisTech, Ingenierí a Ambiental
- (3) Center for Sustainable Urban Development (CEDEUS), Pontifical Catholic University of Chile

- Urban sprawl and social resistance: Ecosystem services of El Panul native forest at Metropolitan Area of Santiago of Chile



COMMISSIONS

■ C12.27 Latin American Studies

Public Policy and Land Management

Julián Alberto Rengifo, Department of Geography, University of Nari

- Territorial planning in Colombia



COMMISSIONS

■ C12.30 Mediterranean Basin

Mediterranean Changes and Challenges

Fernando Almeida Garcia, Rafael Cortes Macías, Antonia Balbuena Vazquez, Department of Geography, University of Malaga

- Trends and evolution of tourism in the Mediterranean Basin



COMMISSIONS

■ C12.34 Population Geography

Education Migration within and across the Global World

Artur Bajerski (1), S. Kucerová (2)

- (1) Department of Spatial Management, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań
- (2) J. E. Purkyne University

- Which way to the nearest school? The factors influencing primary schools catchment areas in Poland and Czechia



COMMISSIONS

■ C12.35 Sustainability of Rural Systems

Farming in Peri-Urban Areas and Rural-Urban Interactions 1

Taiye Adewuyi (1), Emmanuel Olofin (2),

- (1) Department of Geography, Nigerian Defence Academy in Kaduna
- (2) Department of Geography, Bayero University in Kano

- Sustainability of the rate of fuel wood harvest from Afaka Forest in Kaduna State, Nigeria



COMMISSIONS



C12.35 Sustainability of Rural Systems

Societies in Transition - Evidences of Changes in Values and Expectations

Yuheng Li, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

- Approaching integrated urban-rural development in China: The changing institutional roles

building
C



C12.03 Biogeography and Biodiversity

Charlotte Payne, Kenichi Nonaka, Department of Geography, Rikkyo University

- The biogeography of insect semi-domestication: An overview using case studies from Southeast Asia, Oceania and Japan



C12.12 Geographical Information Science

GIScience and GIS: Changing Approaches, Challenging Problems, Responsible Science

Eva Dodsworth, Geospatial Centre, University of Waterloo

- Multi-disciplinary research, management and discovery using Geoweb applications

Małgorzata Grodzińska-Jurczak (1), *Agata Pietrzyk-Kaszyńska* (1), *Agnieszka Olszańska* (2), *Piotr Matczak* (3), *Krzysztof Niedziałkowski* (4), *Marcin Rechciński* (5), *Vera Helene Hausner* (6), *Gregory Brown* (7)

- Institute of Environmental Sciences, Jagiellonian University in Krakow
- Department of Wildlife Conservation, Institute of Nature Conservation, Polish Academy of Sciences
- Institute of Sociology, Adam Mickiewicz University in Poznań
- Project Management Team, Mammal Research Institute, Polish Academy of Sciences, Białowieża
- Institute of Geography and Spatial Management, Jagiellonian University in Krakow
- Department of Arctic and Marine Biology, University of Tromsø
- School of Geography Planning and Environmental Management, University of Queensland

- The use of public participation GIS in biodiversity conservation and governance: Comparative research in Poland and Norway within the LINKAGE project



C12.26 Land Use and Land Cover Change

Oluwagbenga Orimoogunje (1), *Olutoyin Fashae* (2), *Akinola Akinwumiju* (3)

- Department of Geography, Obafemi Awolowo University
- Department of Geography, University of Ibadan
- Institute of Ecology and Environmental Studies, Obafemi Awolowo University

- Artisanal mining and the changing landscape in rural environment of south-western Nigeria

Edmore Kori (1), *Ronald Mukanya* (2)

- Department of Geography and Geo-Information Sciences, University of Venda
- 2TIGED B&V Eco-solution's

- A local level evaluation of land-use sustainability through the ecological footprint lenses

Prashant Magar, Department of Geography, Government Vidarbha Institute of Science and Humanities, Amravati

- Hydrological assessment of Maji Malguzari Talav – traditional water tank structures for sustainable water resource management in Eastern Vidarbha, Maharashtra (India)

Witold Jucha, Institute of Geography, Pedagogical University of Cracow

- Changes of wetland areas in Niepołomice forest in XX century saved on archival maps

Monika Lelęć, Institute of Geography, Pedagogical University of Cracow

- Determine the differences in the morphometry of the debris slopes depending on the slope surface exposure

Dariusz Brykala, Piotr Czarnecki, Kamil Chrzanowski, Stanisław Leszczycki Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Hydraulic structures in studies of landscape reconstruction – examples from Northern Poland

Marta Chmielewska, Faculty of Earth Sciences, University of Silesia

- Land use changes from the point of view of urban morphology on the example of a part of post-industrial town: Study case: Dortmund - Hörde (Ruhr Area, Germany)

Justyna Kachnic, Maciej Bryndza, Justyna Chwałek, Maria Dąbek, Adriana Dobrowolska, Anna Dzie-mianko, Katarzyna Gogola, Andżelika Grywalska, Magdalena Grzywa, Magdalena Hurlak, Gabriela Konieczna, Anna Suchocka, Paulina Wilk, Krzysztof Ostafin, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Landscape changes of the Polish Carpathians under the oil mining impact: From oil fever trough industrialization to marginalization

■ C12.26 Land Use and Land Cover Change

Land Use of Towns and Villages

Yansui Liu, Yuheng Li, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

- Comprehensive analysis of hollowing villages in China



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■ C12.26 Land Use and Land Cover Change

Historical/dynamic changes of land use / Land use of towns and villages

László Sütő (1), Zoltán Dobány (1), Tibor József Novák (2), József Incze (2), Péter Rózsa (3)

(1) Department of Tourism and Geography, College of Nyíregyháza

(2) Department of Landscape Protection and Environmental Geography, University of Debrecen

(3) Department of Mineralogy and Geology, University of Debrecen

- Typifying human disturbed landscapes for landscape planning: case studies in NE Hungary



COMMISSIONS



■ **C12.34 Population Geography**

Spatial Patterns of Fertility

Ewa Szafrńska, Institute of Urban Geography and Tourism Studies, University of Łódź

- Regional disparities in the demographic transition in post-socialist Poland in the context of selected socio-economic conditions



■ **C12.38 Transport and Geography**

Transformation of Transport Systems in Central and Eastern Europe

Przemysław Śleszyński, Stanisław Leszczycki Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Assessment of transport-settlement efficiency of Poland and its use in regional and spatial policy

Janusz Górny, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Regional railway passenger traffic in Poland

Łukasz Lechowski, Faculty of Geographical Sciences, University of Łódź

- An impact of spatial planning policy on spatial development changes in the vicinity of the A2 motorway. A case study of Zgierz District in Poland



■ **C12.39 Urban Commission: Urban Challenges in a Complex World**

Creating Sustainability

Clara Yoshitake (1), Yuzuru Isoda (2)

(1) Department of Planning Building Environment, Technical University of Berlin

(2) Department of Science, Tohoku University

- Effects of urban parks on house price: Land productivity of non-urban use vs urban use (Sendai, Japan)

Chunshan Zhou, Sainan Lin, Dandan Dai

- A study on the changes and reasons of investment environment for the Pearl River Delta since the reform and open policy



■ **C12.39 Urban Commission: Urban Challenges in a Complex World**

Urbanization and Functions of Cities in Post-Socialist Countries

Roman Matykowski, Katarzyna Kulczyńska, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Divided towns on the southern and western frontiers of Poland

Grzegorz Zębik, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Poland's new suburbs: The transition to high quality housing

Przemysław Śleszyński, Stanislaw Leszczycki Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Socio-economic costs of uncontrolled urbanization in Poland

Wioletta Szymańska, Institute of Geography and Regional Studies, Pomeranian University in Słupsk

- The administrative function in the social perception of the city. The case of cities degraded in the administrative hierarchy

Victoria Bityukova, Faculty of Geography, Lomonosov Moscow State University

- Modern socio-ecological problems in cities and towns of Russia

■ Thematic session:

Floods in Mountain Environments

Judyta Lasek, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Seasonal changes in microbial concentrations in two catchments featuring mixed land use

Bartłomiej Wyżga (1), *Joanna Zawiejska* (2), *Paweł Mikuś* (1), *Ryszard J. Kaczka* (3)

(1) Institute of Nature Conservation, Polish Academy of Sciences/Faculty of Earth Sciences, University of Silesia

(2) Institute of Geography, Pedagogical University of Cracow

(3) Faculty of Earth Sciences, University of Silesia

- Contrasting patterns of wood storage in mountain watercourses narrower and wider than the height of riparian trees: Implications for flood risk management

Miguel Saz-Sánchez (1), *Andres Díez-Herrero* (2), *Mar Génova* (3), *Pablo Mayer* (4), *Juan Antonio*

Ballesteros (5), *Juan Manuel Rubiales* (3), *L. Becerril* (2), *M. Hernández* (2), *I. Gutiérrez Pérez* (6),

J.M. Bodoque (7), *Virginia Ruiz-Villanueva* (5)

(1) Department of Geography, University of Zaragoza

(2) Geological Survey of Spain (IGME)

(3) Technical University of Madrid

(4) Department of Geography, University of Las Palmas de Gran Canaria

(5) Dendrolab.ch, Institute of Geological Sciences, University of Bern

(6) Ferrovial-Agroman

(7) University of Castilla-La Mancha

- Flood hazard analysis in the 'Caldera de Taburiente' National Park (La Palma, Canary Islands, Spain) using dendrogeomorphology

Paweł Mikuś (1, 2), *Bartłomiej Wyżga* (1, 2), *Ryszard J. Kaczka* (2), *Joanna Zawiejska* (3), *Virginia*

Ruiz-Villanueva (4)

(1) Institute of Nature Conservation, Polish Academy of Sciences

(2) Faculty of Earth Sciences, University of Silesia

(3) Institute of Geography, Pedagogical University of Cracow

(4) Dendrolab.ch, Institute of Geological Sciences, University of Bern

- Methods to assess large wood-related flood risk in Polish Carpathian watercourses of different size

Wiktorija Laszek (1), Artur Radecki-Pawlik (1), Bartłomiej Wyżga (2), Hanna Hajdukiewicz (2)

(1) Department of Hydraulics Engineering and Geotechnique, University of Agriculture in Cracow

(2) Institute of Nature Conservation, Polish Academy of Sciences

- Modelling the flooding capacity of the Biała River, Polish Carpathians:
A comparison of constrained and free channel conditions

Virginia Ruiz-Villanueva (1), Markus Stoffel (1), Bartłomiej Wyżga (2), Zbigniew W. Kundzewicz (3), Barbara Czajka (4), Tadeusz Niedźwiedz (4)

(1) Dendrolab.ch, Institute of Geological Sciences, University of Bern

(2) Institute of Nature Conservation, Polish Academy of Science/Faculty of Earth Sciences, University of Silesia

(3) Institute for Agricultural and Forest Environment, Polish Academy of Sciences

(4) Faculty of Earth Sciences, University of Silesia

- More extreme and/or frequent floods in the northern foreland of the Tatra Mountains?

Juan Ballesteros-Canovas (1), Ryszard J. Kaczka (2), Barbara Czajka (2), K. Janecka (2), M. Lempa (2), Markus Stoffel (1)

(1) Dendrolab.ch, Institute of Geological Sciences, University of Bern

(2) Faculty of Earth Sciences, University of Silesia

- Regional flash-flood activity reconstruction in the Tatra Mountains

Witold Bochenek, Łukasz Wiejaczka, Stanisław Leszczycki Institute of Geography and Spatial Organization, Polish Academy of Sciences

- The impact of large floods on the transformation of the Ropa riverbed (Polish Carpathians)

■ Thematic session:

Geomorphometry of Landforms in Different Landscape Zones

Piotr Majecki, Faculty of Geography, University of Łódź

- Close-range photogrammetry application in research of shore cliffs of Jeziorsko Reservoir

Małgorzata Mazurek, Institute of Geoecology and Geoinformation, Adam Mickiewicz University in Poznań

- Channel head geomorphometry in landscape of the temperate zone (NW Poland)

Karol Majewski, Institute of Geography, Pedagogical University of Cracow

- Relationship between spring occurrence and orientation of flysch aquifers in the western part of Podhale region (Polish Central Carpathians)

Marcin Jaskulski, Aleksander Szmidt, Faculty of Geography, University of Łódź

- Transformations in morphometry of valley bottom as a result of the creation of artificial water reservoir on the example of Sulejowskie Lake in the light of the chosen GIS methods

Maciej Liro, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Modeling the development of an alluvial river channel above a dam reservoir

Piotr Kłapyta, Natalia Kolecka, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Application of high-resolution DEM based on airborne LiDAR in geomorphological mapping of Babia Góra range (Western Carpathians, Poland and Slovakia)

Barbara Czajka (1), Adam Łajczak (2), Ryszard J. Kaczka (1)

(1) Faculty of Earth Sciences, University of Silesia

(2) Physical Geography Department, Pedagogical University of Cracow

- LIDAR - new proxy to detailed study of hill slope forms at Babia Góra Mountain

Workshops

■ Improving your presentation skills: A video-training workshop for young geographers

Organisers: *Joos Droogleever Fortuijn, Michael Solem, Joop van der Schee*

- 9 am - 12:30 pm Group 3
- 3:30 pm - 7 pm Group 4

room
A 1

■ 'City without God'. Origin and changes of religious space new socialist and post-socialist cities

Organisers: *Elżbieta Bilska-Wodecka, Tomáš Havlíček, Katarzyna Kulczyńska, Justyna Liro, Izabela Sołjan*

- Part 1 9 am - 1 pm

room
A 3





IGU Regional Conference
POLAND KRAKÓW 2014

THURSDAY

21

AUGUST 2014



**Campus of the 600th Anniversary of the Jagiellonian University Revival,
7 Gronostajowa St.**

Conference sessions and business meetings of the IGU Commissions

room
A 2

■ Thematic session:

Religion and Changes of Socio-Economic and Cultural Space of Cities and Regions 2

Chairperson: *Lucyna Przybylska*

Alvaro Sanchez-Crispin, Enrique Propin-Frejomil, Instituto de Geografía, Universidad Nacional Autónoma de México

- Socio-economic, cultural and territorial transformations at the Chalma Sanctuary, Mexico

Tomas Havlicek, Charles University in Prague

- Development and transformation of religious landscape in Prague in context of global and European shifts

Gustav Novotny, Petr Daněk, Human Geography, Masaryk University in Brno

- New religions in a post-communist city: Seventh-Day Adventists and Diamond Way Buddhists in Brno

Olga Liubitseva, Faculty of Geography, Taras Shevchenko National University of Kyiv

- Geography of religion in Kiev

room
A 3



■ C12.17 Global Change and Human Mobility

Rethinking the Concept of Human Mobility: New Theoretical Advances 1

Chairperson: *Barbara Staniscia*

Juan Parreno-Castellano, Ramón Díaz-Hernández, Josefina Domínguez-Mujica, Department of Geography, University of Las Palmas de Gran Canaria

- A compared perspective on retired migration in Spain. The choices of Spaniards and other Europeans

Zaiga Krisjane (1), Elina Apsite-Berina (1), Ineta Grīne (2), Līga Feldmane (1), Maris Berzins (3)

(1) Department of Human Geography, University of Latvia
(2) Chair of Geomorphology and Geomatics, University of Latvia
(3) Institute of Geography, University of Tartu

- The anatomy of rural shrinkage: Migration and depopulation in Latvia's countryside

Daniel Göler, University of Bamberg

- Transnationalism or transregionalism? On the variability of migration systems

Martin Van Der Velde, Radboud University Nijmegen

- Cross-border mobility in times of crisis

Mihaly Tomori, Institute of Tourism and Geography, College of Nyiregyhaza

- Changes in consumption-led mobility in Hungary due to the economic crisis

■ C12.07 Cultural Approach in Geography

Cultural Approach to Technology and Digital Geomedia 1

Chairperson: *Tilo Felgenhauer*

Karsten Gaebler, Friedrich-Schiller-University Jena

- Digital R/Evolution

Angela Abbott, Randal Richardson, Centre for Urban & Regional Development Studies (CURDS), Newcastle University

- Getting value from digital technology in disadvantaged communities: A qualitative exploration

Fabio Betioli Contel, Department of Geography, University of Sao Paulo

- New information technologies and consumer culture of banking services in Brazil



room
A 4

■ C12.10 Gender and Geography

Feminist Approaches to Research: A Critical Review

Chairperson: *Shirlena Huang*

Marianne Blidon, Universite Paris 1-Sorbonne University

- The backside of hierarchical relationship on queer geography

Ewa Krzaklewska, Aleksandra Migalska, Institute of Sociology, Jagiellonian University in Kraków

- Exploring the potential of FG interviews in research gender equality

Elena Vacchelli, Middlesex University

- Participatory strategies for the women's sector in London



room
A 5

■ C12.15 Geography of Tourism, Leisure, and Global Change

Tourism and Regional Development (Tourism Development in Natural Environments / Post-socialist perspectives)

Chairpersons: *Dieter K. Müller, Tim Coles*

Sanette Ferreira, Stellenbosch University

- Kruger National Park: Tourism development and issues of carrying capacity in the management of large numbers of tourists

Manuela Gutberlet, Department of Geography, RWTH Aachen University

- Tourism practices in an oasis and in the desert: The sultanate of Oman

Sławomir Dorocki, Paweł Brzegowy, Institute of Geography, Pedagogical University of Cracow

- Current and future trends in Polish spa. The case of Krynica-Zdrój

Zita Martyin, Department of Economic and Social Geography, University of Szeged

- Effects of the spa towns developments on the local society

Jolanta Wojciechowska, Institute of Urban Geography and Tourism, Faculty of Geographical Sciences, University of Łódź

- The uniqueness of the Polish agritourism



room
A 6

room
A 7



■ C12.08 Dynamics of Economic Spaces

Creative Industries - a Driver of New Spatial Dynamics? Creative Industries and the Post-Socialist Transformation: Current Trends and Resilience to Crisis

Chairperson: *Krzysztof Stachowiak*

Tamas Egedy, Institute of Geography, Hungarian Academy of Sciences

- Soaring between size and crisis: Current trends in the creative economy of Hungary

Andrei Craciun, Anda Becut, National Institute for Research and Cultural Training of Romania

- The contribution of creative industries to the development of the Romanian economy and their resilience to crisis

Rahman Nurkovic, Department of Geography, University of Sarajevo

- Contemporary development of creative industries in Bosna and Herzegovina

Krzysztof Bondyra (1), Tomasz Herudziński (2)

(1) Department of Sociology, Adam Mickiewicz University in Poznań

(2) Department of Sociology, Warsaw University of Life Sciences – SGGW

- From creative crafts to creative industries: The case of Wielkopolska

room
A 8



■ C12.15 Geography of Tourism, Leisure, and Global Change

Urban Tourism Geographies 1

Chairperson: *Anne-Marie d'Hautserre*

Rita de Cássia Ariza da Cruz, Department of Geography, São Paulo University

- (Mega)events, tourism and production of urban space: Socio-spatial legacies of FIFA World Cup 2014 to Brazilian host cities

Angela Hof (1), Macia Blazquez (2)

(1) Department of Geography, Ruhr University Bochum

(2) Department of Earth Sciences, University of the Balearic Islands

- Residential tourism and the transformation of the urban landscape in Mallorca, Balearic Islands, Spain

Velvet Nelson, Department of Geography and Geology, Sam Houston State University

- Gastronomy in the promotion of Houston, Texas as an urban tourism destination

Maciej Kałaska, Faculty of Geography and Regional Studies, University of Warsaw

- Development of the tourism space in the urban structure. Some cases from the Maghreb countries

Aija van der Steina (1), Maija Rozite (2)

(1) Faculty of Economics and Management, University of Latvia

(2) Faculty of Geography, University of Latvia

- How the place of residence and socio-demographic factors affect the attitude of Riga's residents towards the development and impact of tourism

room
A 9

■ Thematic session:

Takeovers and Acquisitions by Foreign Investors – Implementation, Local Impacts, and Perception

Chairpersons: *Martin Franz, Martina Fuchs, Sebastian Henn*

Sebastian Henn, Leibniz-Institute for Regional Geography

- “Conquerors, Spies or Saviors?” – A media analysis of investments from Brazil, Russia, China and India in Germany

Martin Schalljo, Martina Fuchs, University of Cologne

- Patterns of interpretation about foreign acquisitions and takeovers in German management

Kai Bollhorn, Martin Franz, Department of Geography, Philipps-Universität Marburg

- Labour resistance and its impact on international acquisitions – German rubber becoming Chinese

■ C12.10 Gender and Geography

Challenges of Gendered Lives and Places: Wellbeing, Planning and Gendered Scales of Citizenship

Chairpersons: *Orna Blumen, Tovi Fenster*

Tovi Fenster (1), Efrat Eizenberg (2)

- (1) Department of Geography and Human Environment, Tel Aviv University
- (2) Department of Architecture, Technion – Israel Institute of Technology

- Bargaining with patriarchy: The development of gendered civic capacity in regeneration projects in Meonot Yam, Bat Yam Israel

Yuval Karplus (1), Rachel Katoshevski (2)

- (1) Department of Geography and Environmental Development, Ben-Gurion University of the Negev
- (2) Department of Civil Engineering, Technion – Israel Institute of Technology

- Bedouin women negotiating urban tribalism: Tensions between town planning and housing policy as agents of change

Judit Timár, Centre for Economic and Regional Studies, Hungarian Academy of Sciences

- Deficiencies of well-being in marginalised rural spaces in Hungary from a feminist perspective

Joseli Maria Silva (1), Ivan Jairo Junckes (2), Edson Armando Silva (1), Rodrigo Horochovski (2), Neilor Fermio Camargo (2)

- (1) University of State of Ponta Grossa
- (2) Federal University of Paraná

- Gender and networks of electoral funding in Brazil

■ Thematic session:

Tourism and Security: Travelling in an Unsafe World

Chairperson: *Jürgen Schmude*

Yoel Mansfeld, Aliza Jonas, University of Haifa

- “You are strongly advised to avoid traveling to this country altogether” – Tourists’ perceptual and behavioral reaction to travel warnings



room
B 1

Thursday

room
B 2

Marion Karl, Department of Geography, Ludwig Maximilians University Munich

- Risk, uncertainty and insecurity in travel decisions – Using set theory as a mapping tool for destination choice

Wolfgang Aschauer, Department for Political Science and Sociology, University of Salzburg

- Arab spring and tourism fall? Barriers and opportunities of the future tourism development in Egypt

Anna Trono, Department of Cultural Heritage, University of Salento

- Beach tourism, environmental risks and unsafety in the Italian coastal regions

room
B 3



■ C12.04 Climatology

Weather and Climate Extremes 2

Chairpersons: *Stefan Broennimann, Zbigniew Ustrnul*

Ewa Łupikasza, Department of Climatology, University of Silesia

- Spatial and seasonal variability of genetic types of extreme precipitation in Europe

Elena Voskresenskaya, Olena Vyshkvarkova, Olga Kovalenko, Aleksander Yurovsky, Marine Hydrophysical Institute in Sevastopol, National Academy of Sciences of Ukraine

- Extreme events in Ukraine: Climate, change and variability

Justyna Pastwa, Vít Voženilek, Department of Geoinformatics, Palacky University in Olomouc

- Spatial and temporal analysis of direct causes of extreme events on populated areas in Poland (1994-2011)

Mieczysław Sobik, Department of Climatology and Atmosphere Protection, University of Wrocław

- Impact of fog on catastrophic events - selected examples from Polish experience

Rajmund Przybylak (1), Krystyna Bryś (2), Tadeusz Bryś (2), Przemysław Wyszyński (1)

(1) Department of Meteorology and Climatology, Nicolaus Copernicus University

(2) Institute of Environmental Protection and Development, Wrocław University of Environmental and Life Sciences

- Extreme thermal and precipitation conditions in Wrocław in the period of instrumental observations, 1791-2010

■ C12.04 Climatology

Climate Change and Variability Impacts 2

Chairpersons: *Julie A. Winkler, Krzysztof Błazejczyk*

Yingjiu Bai (1), Ikuyo Kaneko (1), Hikaru Kobayashi (1), Hidetaka Sasaki (2), Mizuki Hanafusa (2), Kazuo Kurihara (2), Izuru Takayabu (2), Akihiko Murata (2)

(1) Graduate School of Media and Governance, Keio University

(2) Meteorological Research Institute of Japan

- A web platform construction for regional adaptation decision-making for depopulated communities in Japan

Roland Goetzke, Jana Hoymann, Federal Institute for Research on Building, Urban Affairs and Spatial Development

- A land-use change simulation model to evaluate the effect of climate change mitigation and adaptation policies for Germany

room
B 4



Magdalena Kuchcik (1), Daniel Rabczenko (2)

(1) Department of Geoecology and Climatology, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Centre for Monitoring and Analyses of Population Health Status and Health Care System, National Institute of Public Health, National Institute of Hygiene of Poland

- Periods of increased influenza and atmospheric thermal conditions in the biggest Polish cities, 1975-2010

GiHo Jo, Kongju National University

- The effects of climate change on human characters

■ C12.11 Geographical Education

Changing Practices in Geography Education: Meeting the Challenges of the Future 3: Innovations in Curriculum 3

Chairperson: *John Lidstone*

Tricia Seow, Humanities and Social Studies Education, National Institute of Education of Singapore

- Singapore pre-service teachers negotiations of discursive pressure in the performance of the good geography teacher

Rhoda Larangeira, University of the Witwatersrand Johannesburg

- Map skills and spatial cognition: First year students; difficulties with map literacy

Maria Martins, Department of Geography, Faculty of Arts and Humanities, University of Porto

- From the flexible management of the geography curriculum in Portuguese basic education to its cognitive rigidity. Different discourses, similar practices

Aubrey Golightly, Department of Geography Education, North-West University of South Africa

- Geography student tutors' perceptions and experiences in problem-based learning tutorial sessions

■ C12.11 Geographical Education

Research Findings and Challenges in Geography Education 1: Technology Mediated Instruction (not GIS)

Chairperson: *Sarah Bednarz*

Anna Steegen (1), Mieke de Cock (2), Femke Hasendonckx (2)

(1) Department of Earth and Environmental Sciences, KU Leuven

(2) Department of Physics and Astronomy, KU Leuven

- Do misconceptions of students about the formation of clouds disappear when they use a learning path on a tablet-pc?

Steffen Höhnle, Department of Geographic Education, University of Erlangen-Nuremberg

- International student online projects about global problems

Ali Demirci, Department of Geography, Fatih University

- How does the media contribute to mental mapping in society: The use of maps in newspapers



room
B 5



room
B 6

Thursday

room
B 7



■ C12.28 Local & Regional Development / C12.29 Marginalization, Globalization and Regional & Local Responses

Areas of Growth and Economic Stagnation – The Challenges of Globalization and Marginalization 1: The implications of Globalization on Regional Development Processes

Chairpersons: *Michael Sofer, Stanko Pelc, Paweł Churski*

Sahab Deen, Centre for the Study of Regional Development (CSRD), Jawaharlal Nehru University New Delhi

- Caste rigidity and socio-economic condition of dalits in India

Etienne Nel, Tony Binns, Department of Geography, University of Otago

- Global change and regional responses to marginalization: Evidence of regional and community response in Zambia's Copperbelt Region

Marian Kulla, Ladislav Novotny, Department of Human and Regional Geography, Institute of Geography, Pavol Jozef Safarik University in Kosice

- Electrical engineering industry in Slovakia in the period of globalization

Jan Ženka (1), Petr Pavlínek (2)

(1) Department of Human Geography and Regional Development, University of Ostrava

(2) Department of Social Geography and Regional Development, Charles University in Prague

- Global production networks and regional development effects of upgrading in the Czech automotive industry

room
B 8



■ C12.19 Health and Environment

Health and Health Care 4

Chairperson: *Mark Rosenberg*

Ricardo Almendra (1), Adriana Loureiro (1), Paula Santana (2)

(1) CEGOT - Centre of Studies on Geography and Spatial Planning, University of Coimbra

(2) CEGOT - Centre of Studies on Geography and Spatial Planning, Department of Geography, University of Coimbra

- Seasonal mortality trends in Portugal since 1980: Comparing suicide and cardiovascular mortality

Linsheng Yang, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

- Urbanization and population health in Africa

Liliana Dumitrache, Mariana Nae, Gabriel Simion, Faculty of Geography, University of Bucharest

- Working in the private health care system, a real alternative to emigration of Romanian health professionals?

■ C12.33 Political Geography

Special session sponsored by the academic journal *Political Geography*: **The Political Geographies of Camps**

Chairpersons: *Elena dell’Agnese, James Sidaway*

Claudio Minca, Wageningen University

- Political Geography IGU 2014 lecture: Camps

Intervention: *Vladimir Kolossov, Institute of Geography, Russian Academy of Sciences*



room
B 9

■ Thematic session:

Natural Environment, Climate Change, Disasters and its Impact on Human Society in South Asia 1

Chairpersons: *R.B. Singh, Pawel Prokop, Anupam Anand*

Mohan Pathak, Department of Geography, SMRDPG College Bhurkura Ghazipur UP India

- Environmental value and human adjustment to flood hazard in the Ganga floodplain: India

Anupam Anand, Jyottheswar Nagol, Joseph Sexton, Global Land Cover Facility, Geographical Sciences, University of Maryland

- Integrating remote sensing for monitoring and mitigation of climate disasters in Indian Himalayas

Monika Vij, Department of Geography, Miranda House, University of Delhi

- Mapping the city: A geographical perspective of urban crime in the National Capital Territory of Delhi

RB Singh, Aakriti Grover, Department of Geography, Delhi School of Economics, University of Delhi

- Monitoring spatial patterns of land surface temperature and urban heat island in Mumbai metropolitan city, India using Landsat TM data

room
B 10

■ C12.34 Population Geography

Migrations: International. Spatial Patterns and Models 2

Chairperson: *Alina Potrykowska*

Marius Otto, Department of Geography, Rheinisch-Westfälische Technische Hochschule (RWTH), Aachen University

- „Home is where we are“ - Transnational daily lives of Upper Silesian resettlers in North Rhine-Westphalia (Germany)

Barbara Jaczewska, Faculty of Geography and Regional Studies, University of Warsaw

- Immigrant integration policy at different levels of administration. A case study of Germany and Poland



room
B 11

Alina Potrykowska, Central Statistical Office, The Government Population Council of Poland

- International migration in Poland. New trends and national policy perspective

Elżbieta Kuźma, Université Libre de Bruxelles

- The Polish migrants in Brussels: The migration from the peripheral rural communities to the European urban metropolis

BUILDING C

Thursday 21th August

9 am – 10:45 am

room
C1



■ C12.39 Urban Commission: Urban Challenges in a Complex World The Place and Role of Small Towns in Complex Urban Systems 2

Chairpersons: *Agnieszka Kwiatek-Sołtys*

Gábor Pirisi, András Trócsányi, Bernadett Makkai, Institute of Geography, University of Pecs

- Social capital as a factor of small towns' resilience in Hungary

Barbara Konecka-Szydłowska, Barbara Maćkiewicz, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Endogenous capital of small towns in the Poznań agglomeration

Krzysztof Wiedermann, Radosław Uliszak, Faculty of Geography and Biology, Pedagogical University of Cracow

- The role of Special Economic Zones in the development of small towns in Poland

Hermanus Geyer, Hermanus Geyer Jr, Department of Geography, CRUISE Stellenbosch University

- Distinguishing between layers of functional urban space in South Africa: Selective migration to smaller towns and cities

Igor Venceslau, Universidade de Sao Paulo

- Small towns and postal logistics in Brazil: A study in southern Bahia state

room
C2

■ Thematic session: Geomorphological Hazards in Different Morphoclimatic Zones – Magnitude and Frequency 1

Chairpersons: *Zofia Rączkowska, Piotr Migoń, Zbigniew Zwoliński*

Jacek Jania (1), Zbigniew Zwoliński (2)

(1) University of Silesia

(2) Institute of Geoecology and Geoinformation, Adam Mickiewicz University in Poznań

- Zonality and cascade sequences of extreme geomorphological phenomena in Poland

Piotr Migoń, Institute of Geography and Regional Development, University of Wrocław

- Geomorphologically dormant mountains? Thoughts on the magnitude and frequency relationships and hazard assessment in the Sudetes, Central European mountain belt

Andrzej Tyc, Department of Geomorphology, University of Silesia

- Induced collapse and piping formation in karst: Geomorphological issue

Janusz Wasowski (1), Fabio Bovenga (2), Raffaele Nutricato (3), Davide Nitti (4), Maria Teresa Chiaradia (4)

- (1) IRPI, CNR - National Research Council
- (2) ISSIA, CNR - National Research Council
- (3) c/o Politecnico di Bari, GAPsrl
- (4) Dipartimento Interateneo di Fisica, Politecnico di Bari

- Satellite multi-temporal interferometry for local and regional scale slope instability and subsidence hazard assessment

■ C12.25 Landscape Analysis and Landscape Planning

Landscape Analysis and Landscape Planning 1

Chairpersons: *Małgorzata Luc, Jacek Szmańda*

Hong Leng, Yanhong Ma, School of Architecture, Harbin Institute of Technology

- An analysis on social impact of landscape fragmentation in densely populated areas under an ecological background in China

Milan Skoupy, Department of Geography, Masaryk University

- The landscape research in the Svratka-river basin (Czech Rep.) using cultural services according to the CICES methodology

Ievgeniia Maruniak, Leonid Rudenko, Sergiy Lisovsky, Alexander Golubtsov, Victor Chekhniy, Yuriy Farion, Institute of Geography of Ukrainian National Academy of Sciences

- Elaboration of the Ukraine's first multi-level system of landscape plans (a case of Cherkassy region)

■ C12.26 Land Use and Land Cover Change

Natural Changes by Human Activity 1

Chairperson: *Ivan Bičík*

Claudia Heidecke, Andrea Wagner, Peter Kreins, Markus Venohr, Thuenen-Institute of Rural Studies

- Trends in agricultural nutrient leaching and potential measures - An integrated model analysis of nutrient inputs in the Baltic Sea Catchment

Johanna Fick (1), Roland Goetzke (2), Horst Goemann (1), Jana Hoymann (2), Peter Kreins (1)

- (1) Thuenen Institute for Rural Studies, Johann Heinrich von Thuenen Institute
- (2) I 5 – Transport and Environment, Federal Institute for Research on Building, Urban Affairs and Spatial Development (BBSR)

- Interdependencies between land use (change) and climate change in Germany until 2030: Perspectives and trade-offs

Emma Romanova (1), Marina Arshinova (2), Ali Alyautdinov (1), Mikhail Liberman (1)

- (1) Faculty of Geography, Lomonosov Moscow State University
- (2) Lomonosov Moscow State University

- Ecological evaluation of landscape-geoecological systems of Europe based on the ecosystem services realization

Irina Kuchinskaya, Sevil Guliyeva, Institute of Geography, National Academy of Sciences of Azerbaijan

- Ecologic-landscape-recreation potential of mountain geosystems (on an example of the Azerbaijan part of the Major Caucasus)



COMMISSIONS

room
C3

COMMISSIONS

room
C4

Thursday

room
C 5



■ C12.34 Population Geography Processes of Population Change and Migration 1

Chairpersons: *Jianfa Shen, Yu Zhu*

Allan Findlay, Helen Packwood, Department of Geography and Sustainable Development, University of St Andrews

- Immigration, Scotland and the constitutional change debate: Geography, difference and the question of scale

David McCollum, Scott Tindal, Department of Geography & Sustainable Development, University of St Andrews

- The political-economy of immigration policy: The Scottish example

Lawrence Brown, Department of Geography, Ohio State University

- Population composition, urban neighborhoods, and future scenarios: A crystal ball perspective, from past to future

Teesta Dey, Department of Geography, University of Calcutta

- Changing space identity of West Bengal Edge: Perspective from India - Bangladesh cross border migration

room
C 6



■ C12.18 Hazard and Risk Disaster and Resilience 1

Chairpersons: *Shigeko Haruyama, Hiroshi Shimazu*

Wojciech Pokojski (1), Michał Kowalewski (2), Patryk Korzeniecki (1)

(1) Faculty of Geography and Regional Studies, University of Warsaw

(2) Institute of Meteorology and Water Management - National Research Institute of Poland

- Climate natural hazards in Poland - an attempt to assessment the indicators

Burghard Meyer (1), Gabor Mezosi (2)

(1) Department of Physical Geography, University of Leipzig

(2) Department of Physical Geography, University of Szeged

- From regional climate change to landscape hazards: Operationalisation of the impacts

Andrzej Tiukało, Grzegorz Dumieński, Anna Pasiecznik-Dominiak, Institute of Meteorology and Water Management - National Research Institute of Poland, Branch Wrocław

- Analysis of vulnerability of Polish districts to flood risk

Jisoo Kim, Hyo Hyun Sung, Department of Social Studies Education, Ewha Womans University

- Possible threat on cultural heritage by flooding in Seoul

Krzysztof Blazejczyk, Jarosław Baranowski, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Acoustic climate of selected sections of road corridors in Poland

■ C12.39 Urban Commission: Urban Challenges in a Complex World The Labyrinth of Social Changes: New Theoretical and Methodological Approaches 1

room
C 7

Chairpersons: *Magdalena Górczyńska, Caroline Bouloc*

Grzegorz Węclawowicz, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Mechanisms of transformation of post socialist-cities, conceptualization of the changes involved, related research practice and explanatory concepts

Sylwia Dudek-Mańkowska, Faculty of Geography and Regional Studies, University of Warsaw

- How diverse are metropolitan areas in Poland? Social differentiation in chosen Polish metropolitan areas

Zoltan Kovacs, University of Szeged

- New pattern of social segregation in post-socialist cities: The case of Budapest

Petros Petsimeris (1), Stefania Rimoldi (2)

(1) Géographicités UMR 8504 CNRS, Université Paris 1 Pantheon-Sorbonne

(2) Dipartimento di Statistica e Metodi Quantitativi, Università degli Studi di Milano-Bicocca

- Recent dynamics in the social and ethnic division of urban space in Northern Italy: Case studies of Milan and Turin

■ C12.39 Urban Commission: Urban Challenges in a Complex World Urban Governance 1

room
C 8

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Yeon-Taek Ryu, Department of Geography Education, Chungbuk National University

- Housing markets and the politics of scale

Monika Pawłowska, Faculty of Geography and Regional Studies, University of Warsaw

- Mumbai's environmental and recreation spatial function diversity: Implications for the city development

Jianfa Shen, Department of Geography and Resource Management, The Chinese University of Hong Kong

- Not quite a twin city: Cross-boundary integration in Hong Kong and Shenzhen

Lachang Lyu, Environment and Tourism, College of Resources, Beijing Capital Normal University

- The innovation linkage between the major Chinese cities

Virendra Nagarale, Anushri Kadam, Department of Geography, S.N.D.T.Womens University Mumbai, Pune Campus

- Monitoring urban land use changes by geoinformatics, a case study of PCMC (Pune, Maharashtra, India)

room
C 9



■ **C12.36 Toponymy**

Geographical Aspects of Place Names: Naming Motives, Place Names as Keys to Culture and Cultural History

Chairperson: *Cosimo Palagiano*

Peter Raper, University of the Free State

- Toponymic motivation shift in Southern Africa

Sang-Hyun Chi, Sungjae Choo, Heesu Kim, Kyung Hee University

- Place-name conflicts: A typology for intra-national cases

Joan Tort Donada, Physical Geography and Regional Geographical Analysis, University of Barcelona

- On the toponymy of Pyrenean lakes. Some geographical, historical and linguistic questions

10:45 am – 11:15 am COFFEE BREAK

room
A 1

■ **Thematic session:**

Religion and Changes of Socio-Economic and Cultural Space of Cities and Regions 3

Chairperson: *Tomas Havlicek*

Ramon Bauer (1), Markus Speringer (2), Guy Abel (2)

(1) Department of Geography and Regional Research, Wittgenstein Centre (IIASA, VID/ÖAW, WU) and University of Vienna

(2) Wittgenstein Centre (IIASA, VID/ÖAW, WU)

- Religious and ethnic neighbourhood profiles in Vienna 1971–2011: A spatio-temporal comparison of two dimensions of urban diversity

Elżbieta Bilska-Wodecka (1), Roman Matykowski (2), Katarzyna Kulczyńska (2)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- The 2011 parliamentary elections in Poland in terms of socio-religious and geographical differences

Lucyna Przybylska, University of Gdańsk

- Sacralization of public spaces in Poland

Ewa Klima, Department of Population and Services Studies, University of Łódź

- Religious space – urban vs. rural areas

■ C12.17 Global Change and Human Mobility

Rethinking the Concept of Human Mobility: New Theoretical Advances 2

Chairperson: *Barbara Staniscia*

Josefina Dominguez-Mujica, Ramon Diaz-Hernandez, Juan Parreno-Castellano, Department of Geography, University of Las Palmas de Gran Canaria

- Economic crisis and export of wit. The emigration of young skilled Spaniards

Birgit Glorius, European Studies Department, Technische Universitaet Chemnitz

- New Guestworkers from Spain? Exploring Spanish migration to Germany in the context of economic crisis and societal change

Katarzyna Sila-Nowicka, Stewart Fotheringham, Centre for GeoInformatics, University of St Andrews

- Calibration of a spatial interaction model using volunteered GPS trajectories in small and medium size urban areas

Barbara Staniscia, Armando Montanari, Department of European American and Intercultural Studies, Sapienza University of Rome

- Human mobility: From theoretical definitions to applied research

Roger Marjavaara, Department of Geography and Economic History, Umea University

- Post-mortal mobility and attachment to place



COMMISSIONS

room
A 3

■ C12.07 Cultural Approach in Geography

Cultural Approach to Technology and Digital Geomedia 2

Chairperson: *Tilo Felgenhauer*

Francis Harvey, Department of Earth Sciences, University of Minnesota

- Reconsidering technology and geography of the twentieth century: The Tool/Application Gap

Pablo Abend, Media Culture and Theater Studies, University of Cologne

- Maps as action spaces - Geomedia and new user practices

Pavel Dobos, Petr Daněk, Department of Geography, Masaryk University in Brno

- Observing the Other: Imaginative geographies of Czech news media



COMMISSIONS

room
A 4

■ Thematic session:

Urban Agriculture in the Neoliberal City 1

Chairpersons: *Sandrine Baudry, Ségolène Darly, Johan Milian*

Tony Binns, Etienne Nel, University of Otago

- Spatial and social variability, and developing policy support for urban agriculture: Evidence from Zambia and Sierra Leone

Lana Slavuj Borcic, Aleksandar Lukic, Marin Cvitanovic, Department of Geography, Faculty of Science, University of Zagreb

- Community Gardens in Zagreb, Croatia: Old/new practices for the local sustainability

room
A 5

Don MacKeen, Community, Care & Social Science, City of Glasgow College

- Making a way out of no way - from Glasgow to Detroit: Urban gardening and community building

room
A 6



■ C12.15 Geography of Tourism, Leisure, and Global Change Tourism and Regional Development (Post-Socialist Perspectives)

Chairpersons: *Dieter K. Müller, Tim Coles*

Magdalena Kubal, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Beyond farming - women in the rural labour market

Vuk Tvrtko Opacic, Faculty of Science Department of Geography, University of Zagreb

- Criteria and indicators for typology of tourist destinations in Croatia

Ivan Sulc, Faculty of Science Department of Geography, University of Zagreb

- Typology of tourist destinations in Dubrovnik-Neretva County (Croatia)

Sholpan Abdreyeva, Alyiya Aktymbayeva, Gulzhan Aizholova, Department of Recreational Geography and Tourism, Al-Farabi Kazakh National University

- Evaluation of tourism potential of cities: A case study on Southern Kazakhstan regions

room
A 7



■ C12.08 Dynamics of Economic Spaces Emerging Economic Spaces 1

Chairperson: *Neil Reid*

Christine Tamasy, University of Vechta

- Emerging innovation spaces in rural Germany

Neil Reid, Geography and Planning, University of Toledo

- Breaking path dependence: The role of local buzz and local pipelines

Michael Roche, Massey University

- Changes & challenges facing the export meat industry in New Zealand

room
A 8



■ C12.15 Geography of Tourism, Leisure, and Global Change Urban Tourism Geographies 2

Chairperson: *Anne-Marie d'Hautserre*

Anne-Marie d'Hautserre, Department of Geography and Tourism, University of Waikato

- Tourism and the socialization of urban space

Marta Derek, Faculty of Geography and Regional, University of Warsaw

- Ethnic food in Warsaw: Tourist attractions for local residents

Alexandru Gavris, Bucharest University of Economic Studies

- Geography production of tourism through blogging in the city of Bucharest, Romania

Łukasz Matoga, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Academic function of the city as the context for creating the tourism product in Krakow

■ **C12.15** Geography of Tourism, Leisure, and Global Change

Tourism, Sustainability and Global Change 1: Tourism and Climate Change

Chairpersons: *Sanette Ferreira, Dieter K. Müller*

Jarkko Saarinen, Kaarina Tervo-Kankare, Eva Kaján, Department of Geography at University of Oulu

- Tourism, global climate change and adaptation: Local scale needs and costs of adaptation

Christian Rogerson, Wayde Pandey, School of Tourism and Hospitality, University of Johannesburg

- Tourism and climate change: South African tourism industry perspectives on key issues, challenges and future directions

Christina Hans, Department für Geographie, Ludwig-Maximilians-Universität München

- Opportunities and risks in tourism from climate change: Differences between urban and rural areas (City of Nürnberg and Tegernsee Valley) in Bavaria

Viachaslau Filimonau, Liverpool Hope University

- Exploring the public attitudes to the use of biofuels in tourism aviation



room
A 9

■ **C12.10** Gender and Geography

Challenges of Gendered Lives and Places: Teaching and Feminist Geography

Chairpersons: *Orna Blumen, Tovi Fenster*

Sahab Deen, Jawaharlal Nehru University New Delhi

- Women in higher education: A spatial-temporal analysis of higher education from gender perspective in India

eje Kim, Department of Social Studies Education, Gyeongin National University of Education

- Beyond stereotypes of Asian women in world regional geography: Revisiting Southeast Asia for feminist teaching and researches

Rodrigo Pérez-Toledo, José Alberto Garibay-Gómez, National Autonomous University of Mexico

- Territorial pattern of gay socializing places in Lima, Peru



room
B 1

room
B2

■ Thematic session:

Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 4

Chairpersons: *Eyüp Artvinli, Danuta Piróg*

Sirpa Tani (1), Eyüp Artvinli (2), Karl Donert (3), David Lambert (4), Michael Solem (5)

(1) Department of Teacher Education, University of Helsinki

(2) Department of Elementary Education, Eskisehir Osmangazi University

(3) EUROGEO

(4) Institute of Education, University of London

(5) Association of American Geographers

- Geography teacher education and GeoCapabilities: A comparative analysis of teacher education systems in a selection of European countries and the US

Michael Solem (1), David Lambert (2), Sirpa Tani (3)

(1) Association of American Geographers

(2) Institute of Education, University of London

(3) University of Helsinki

- GeoCapabilities: Toward an international framework for researching the purposes and values of geography education

Cristiana Martinha (1), Sergio Claudino (2)

(1) CEGOT and CITCEM, University of Porto

(2) IGOT, University of Lisbon

- Recent changes in geography initial teacher training in Portugal. Change of pedagogic and scientific paradigm

Janis Foegele, FAU Erlangen-Nuremberg

- Symbiotic teacher training courses as an innovative approach for in-service teacher education

room
B3



COMMISSIONS

■ C12.04 Climatology

Climate Change and Variability in Different Spatial and Temporal Scales 1

Chairpersons: *Nigel Tapper, Mirosław Miętus*

Bartosz Czernecki (1), Mirosław Miętus (2)

(1) Department of Climatology, Adam Mickiewicz University in Poznań

(2) Department of Meteorology and Climatology, University of Gdańsk

- Thermal seasons variability in Poland, 1951-2010

Agnieszka Wypych (1), Zbigniew Ustrnul (1), Julie Ann Winkler (2)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Department of Geography, Michigan State University

- Late spring frosts in Poland with relation to atmospheric circulation

Dzung Nguyen-Le (1), Jun Matsumoto (1), Thanh Ngo-Duc (2)

(1) Department of Geography, Tokyo Metropolitan University

(2) Department of Meteorology, Hanoi College of Science

- Interannual variability of rainy seasons onset over the eastern Indochina Peninsula

Elena Voskresenskaya, Veronika Maslova, N.V.Mikhailova, A.V.Yurovsky, Marine Hydrophysical Institute in Sevastopol, National Academy of Sciences of Ukraine

- Interannual-interdecadal variability of climate anomalies in the Mediterranean-Black Sea region

Zsuzsanna Ladanyi, Gabor Mezosi, Viktoria Blanka, Janos Rakonczai, Department of Physical Geography and Geoinformatics, University of Szeged

- Assessment of the relation between drought and vegetation indices in Hungary

■ C12.04 Climatology

Climate Change and Variability Impacts 3

Chairpersons: *Julie Ann Winkler, Krzysztof Błażejczyk*

Barbaros Gonencgil, Department of Geography, Istanbul University

- Regional impacts of the climate change and awareness studies on adaptation to climate change in Turkey

Anne-Laure Lereboullet, Gerard Beltrando, Department of Geography, University Paris 7 Denis Diderot

- Integrating individual and collective risk assessment towards adaptation in agricultural systems exposed to climate change. A case study of viticulture in France and Australia

Jina Hur (1), Joong-Bae Ahn (1), Kyo-Moon Shim (2)

(1) Department of Atmospheric Sciences, Pusan National University
(2) RDA, National Academy of Agricultural Science

- The change of cherry first-flowering date over South Korea projected from downscaled IPCC AR5 simulation

Jukka Kayhko (1), Lauri Oksanen (2), Tim Horstkotte (1), Sonja Kivinen (1), Tarja Oksanen (2), Pekka Niemelä (2), Lars Ericson (3), Bruce Forbes (4), Jane Jepsen (5), Bernt Johansen (6), Erkki Korpimäki (2), Annamari Markkola (7), Johan Olofsson (3), Jouni Pulliainen (8), Tove Utsi (9)

(1) Department of Geography and Geology, University of Turku
(2) Department of Biology, University of Turku
(3) Department of Ecology and Environmental Science, Umeå University
(4) Arctic Centre, University of Lapland
(5) Norwegian Institute for Nature Research
(6) NORUT-IT, Norway
(7) Department of Biology, University of Oulu
(8) Arctic Research, Finnish Meteorological Institute
(9) Department of Arctic and Marine Biology, University of Tromsø

- Can reindeer grazing stop expansion of woody vegetation in the warming tundra?

■ C12.11 Geographical Education

Changing Practices in Geography Education: Meeting the Challenges of the Future 4: Technology Enhanced Pedagogies 1

Chairperson: *John Lidstone*

Yaives Ferland, Faculte des Sciences del Education, Universite Laval

- Geoliteracy, geospatial learning threshold, and a fifth phase of cognitive development: Using digital maps and mobile serious games on the terrain



COMMISSIONS

room
B 4

Thursday



COMMISSIONS

room
B 5

Alexandra Budke, Miriam Kuckuck, Institute of Geography and Didactics, University of Cologne

- Virtual Excursion about water problems in Cologne (Germany) to improve students argumentation skills in geography education

Young-Hoon Kim, Jeong Hwan Park, Department of Geography Education, Korea National University of Education

- Applications of marker based augmented reality techniques for geographical learning

Fernando Alexandre, Department of Social Sciences, AESJE

- The use of GIS in geographical education in Portugal: A case of true innovation, or a tool to disguise ancient practices

room
B 6



■ C12.11 Geographical Education

Research Findings and Challenges in Geography Education 2: GIS Instruction / Student Learning

Chairperson: *Sarah Bednarz*

Tim Favier (1), Joop van der Schee (2)

(1) Department of Geography, Fontys Hogeschool

(2) Faculty of Geosciences, Utrecht University

- Geospatial technologies an geography education - the effects of geography lessons with geospatial technologies on the development of students' relational thinking

Soon Singh Bikar Singh, Grant Kleeman, Penny Van Bergen, School of Education, Macquarie University

- The impact of GIS Integrated teaching on underachieving Malaysia students' motivation to learn geography

Yaohui Wang, Che-Ming Chen, Department of Geography, National Taiwan Normal University

- The effectiveness of a web-based adaptive learning environment for senior high school GIS education

room
B 7



■ C12.28 Local and Regional Development

■ C12.29 Marginalization, Globalization and Regional & Local Responses

Areas of Growth and Economic Stagnation – The Challenges of Globalization and Marginalization 2: Polarity of Development in Different Spatial Scales

Chairpersons: *Michael Sofer, Stanko Pelc, Paweł Churski*

Jan Hauke, Robert Perdał, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Determinants of socio-economic development in Poland in 2000-2010

Dovile Krupickaite (1), Jan Hauke (2), Barbara Konecka-Szydłowska (2)

(1) Department of Geography and Land Management, Vilnius University

(2) Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Spatial variability in the socio-economic development in terms of population and settlement at the level of NUTS 4 units. The case study of Poland, Slovakia and Lithuania

Joanna Dominiak, Barbara Konecka-Szydłowska, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Effect of the crisis on the socio-economic situation of growth areas: The case of Wielkopolska

Chiung-wen Chang, Department of Taiwan and Regional Studies, National Dong Hwa University

- Retrieving the liberty of living flexibility: An experimental case of a local cooperative in eastern Taiwan

■ C12.28 Local and Regional Development

Local and Regional Development in Poland

Chairperson: *Jerzy Bański*

Anna Kołodziejczak, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Spatial convergence of agriculture in Poland

Małgorzata Zdon-Korzeniowska, Sławomir Dorocki, Monika Borowiec, Department of Entrepreneurship and Spatial Management, Institute of Geography, Pedagogical University of Cracow

- The activities of local governments in the implementation of knowledge-based economy in Malopolskie voivodeship

Maciej Tarkowski, University of Gdańsk

- Local dimension of unreported employment and hidden unemployment in Poland - the attempt of estimation and explanation

Mariola Ferenc, Department of Rural Geography and Local Development, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Spatial planning and land use change in municipalities affected by flooding in Poland

Karolina Dmochowska-Dudek, Faculty of Geographical Sciences, University of Łódź

- The issue of socio-spatial conflicts in context of local development in Poland

■ C12.33 Political Geography

The Political Geographies of Camps 1

Chairpersons: *Irit Katz, James D. Sidaway*

Paolo Giaccaria, University of Turin

- Agambenian spaces: The camp and the ban in contemporary political geography

Pamela Colombo, Fondation Fyssen, EHESS IRIS

- Spatio-temporal constellations beyond concentration camp experiences

Irit Katz, University of Cambridge

- From expansion to exception: The versatile spatio-political instrument of the camp



room
B 8



room
B 9

Thursday

room
B 10

■ Thematic session:

Natural Environment, Climate Change, Disasters and its Impact on Human Society in South Asia 2

Chairpersons: *R.B. Singh, Pawel Prokop, Reija Hietala, Narcisa Pricope*

Reija Hietala (1), Raj Braj Sinha (2)

(1) Department of Geography and Geology, University of Turku

(2) School of Economics, Department of Geography, University of Delhi

- Changing socio-economical environment in Northwestern Himalaya: Land use change and tourism

Vishwa Sharma, Department of Geography, Shaheed Bhagat Singh College, University of Delhi

- Monitoring and modelling socio economic impact of landuse/cover and pollution along Yamuna River, Delhi

Raj Braj Singh, Ajay Kumar, Department of Geography, University of Delhi

- Implications of irrigation on development of tribal region: A case study of Jakham Command Area, Rajasthan, India

Zofia Rączkowska (1), Ramesh Ch. Joshi (2)

(1) Department of Geoenvironmental Research, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Department of Geography, Kumaun Univeristy

- Relief of the Pindari valley (Kumaun Himalaya) and its recent transformation

Suraj Mal (1), Raj Braj Singh (2)

(1) Department of Geography, Shaheed Bhagat Singh College, University of Delhi

(2) Department of Geography, Delhi School of Economics, University of Delhi

- Conservation status of wildlife in the Nanda Devi Biosphere Reserve, Indian Himalaya

room
B 11



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■ C12.33 Political Geography

European Integration 1: Territoriality

Chairpersons: *Virginie Mamadouh, Anna Casaglia, Jussi Laine*

Andreas Faludi, Delft University of Technology

- European integration and the territorial-administrative complex

Antoine Laporte, UMR 5600 Environnement, Ville et Société, Ecole Normale Supérieure de Lyon

- Towards a European model of capital city: Location strategies of diplomatic functions between and inside capital cities

Estelle Evrard, University of Luxembourg

- Taking a step further in understanding EU territoriality: What can we learn from cross-border cooperation?

Vladimir Kolosov, Laboratory of Geopolitical Studies, Institute of Geography, Russian Academy of Sciences

- Looking East and West: Bordering, integration and securitization (the case of Russia's borders with CIS countries and the EU)

■ Thematic session:

What is Geography: Debates and Definitions (The Seventh Session of the Lelevel Society Research Group) 1

Chairpersons: *Gideon Biger, Witold Wilczynski*

Witold Wilczyński, Pedagogical University of Cracow

- Epistemology and subject of geography according to A. Bonnett

Haim Goren, Tel-Hai College

- What was geography? Or, why should we try to return to the basics?

Georges Cravins, Department of Geography and Earth Sciences, University of Wisconsin-La Crosse

- Why has academic geography significantly lost social-political relevance, particularly within the United States, Canada, and other Anglophone countries?

Olga Glezer, Tatiana Borodina, Institute of Geography, Russian Academy of Sciences

- „Regional Research of Russia”, the new journal on regional science: The difference between geographic and economics approach of research

Subbiah Shanmugam Pillai, Anna Centre for Public Affairs, University of Madras

- Region: Welcome back as the core for the study of geography

room
C 1

■ Thematic session:

Geomorphological Hazards in Different Morphoclimatic Zones - Magnitude and Frequency 2

Chairpersons: *Zofia Rączkowska, Piotr Migoń, Zbigniew Zwoliński*

Jacek Szymańda (1), Piotr Gierszewski (2)

(1) Pedagogical University of Cracow

(2) Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Geomorphological and sedimentological response of the floodbank interruption - case study Vistula river floodplain near Płock (Poland)

Anna Kidova, Department of Physical Geography, Geomorphology and Natural Hazards, Institute of Geography, Slovak Academy of Sciences

- Geomorphic response of braided-wandering river to flood events - case study of the Belá River (Slovakia)

Elżbieta Gorczyca, Kazimierz Krzemień, Mateusz Sobucki, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Transformation of a mountain river channel due to human impact: Czarny Dunajec River case study in the Polish Carpathians

Jacek Szymańda (1), Milan Lehotský (2), Ján Novotný (1)

(1) Institute of Geography, Pedagogical University of Cracow

(2) Institute of Geography, Slovak Academy of Sciences

- Flood cyclothem as key for interpretation of flood flow regime changes - example from Danube river floodplain in Slovakia

room
C 2

Thursday

room
C 3



■ C12.25 Landscape Analysis and Landscape Planning

Landscape Analysis and Landscape Planning 2

Chairpersons: *Małgorzata Luc, Jacek Szmańda*

Anastasia Glebova, Kirill Chistyakov, Marianna Koroleva, Faculty of Geography and Geoecology, Department of Physical Geography and Landscape Planning, St Petersburg State University

- The historical-landscape analysis of the Altai Mountains in Scythian time (VIII - III century BC).

Bilyana Borisova (1), Assen Assenov (1), Petar Kirilov (2)

(1) Landscape Ecology and Environmental Protection, Sofia University

(2) Space Research and Technology Institute, Bulgarian Academy of Sciences

- The natural capital of selected mountain areas in Bulgaria

Christian Besendoerfer, Institute of Socio-Economics, Leibniz Centre for Agricultural Landscape Research

- Innovation management in sustainable land management

Luca Rizzo (1), Raffaella Rizzo (2), Filippo Smerghetto (3)

(1) Centro Interdipartimentale, University of Padua

(2) Università Cattolica del Sacro Cuore - Brescia

(3) CA S.A., Chile

- Land use and landscape changes. A methodological proposal for the creation of sustainable cultural tourism itineraries

room
C 4



■ C12.26 Land Use and Land Cover Change

Natural Changes by Human Activity 2

Chairperson: *Ivan Bičik*

Olutoyin Fashae (1), Oluwagbenga Orimoogunje (2), Rita Ayomanor (1)

(1) Department of Geography, University of Ibadan

(2) Department of Geography, Obafemi Awolowo University

- An assessment of land use dynamics and surface water quality in Ibadan metropolis, south-western Nigeria

Tsai-Ming Lee, Mihiri Gamlath, Chi-Cheng Liao, Institute of Earth Science, Chinese Culture University

- Quantification of Apiaceae flora in different vegetation assemblages of Taiwan

Kirill Ganzei, Pacific Geographical Institute Far Eastern Branch, Russian Academy of Sciences

- Land cover changes on Kurile Islands under volcanic influences (on example of Matua Island)

Kimoto Koichi (1), Arun Das (2)

(1) Department of Liberal Arts, Hiroshima Jogakuin University

(2) Department of Geography, University of Mysore

- Systems of protected areas and its fringe region: A case of Western Ghats, India

■ C12.34 Population Geography

Processes of Population Change and Migration 2

Chairpersons: *Jianfa Shen, Yu Zhu*

Yu Zhu, Baoyu Xiao, Liyue Lin, School of Geography, Fujian Normal University

- Recent situation and changes in the spatial and temporal patterns of China's floating population: Insights from the 2010 and 2000 population censuses

Jianfa Shen, The Chinese University of Hong Kong

- Assessing modelling performance of regional emissiveness, attractiveness and the effect of spatial interaction: The case of interregional migration in China

Piotr Raźniak, Dariusz Nowotnik, Institute of Geography, Pedagogical University of Cracow

- Differentiation of migration processes in Krakow Metropolitan Area

Ladislav Novotny, Marian Kulla, Department of Human and Regional Geography, Institute of Geography, Pavol Jozef Safarik University in Kosice

- Migration and spatial redistribution of population in Central European urban regions: Case study of Bratislava and Košice (Slovakia)



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room
C 5

■ C12.18 Hazard and Risk

Disaster and resilience 2

Chairpersons: *Shigeko Haruyama, Hiroshi Shimazu*

Ramiz Mamedov, Elbrus Alizade, Institute of Geography, National Academy of Sciences of Azerbaijan

- Geomorphological hazards in Azerbaijan

Rebecca Martin, David Martin, Samantha Cockings, Department of Geography and Environment, University of Southampton

- Spatio-temporal population vulnerability to radiological and nuclear hazards

Shigeko Haruyama, Mie University

- Tsunami risk and coastal geomorphology: Lesson from 2011 Eastern Japan Mega-Earthquake

Hirotsugu Fujita, Graduate School of Humanities, Kobe University

- Reconstruction support utilizing old maps remaining in the disaster area of the 2011 Tohoku earthquake



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room
C 6

Business meeting of IGU Commission
C12.18 Hazard and Risk (1 – 2 pm)

■ C12.39 Urban Commission: Urban Challenges in a Complex World

The Labyrinth of Social Changes: New Theoretical and Methodological Approaches 2

Chairpersons: *Magdalena Górczyńska, Caroline Bouloc*

Shinya Kawamura, Faculty of Regional Science, Hokkaido University

- The relationship between real estate transactions by Fukushima refugees and land price changes after the Great East-Japan Earthquake



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room
C 7

Magdalena Górczyńska, Department of Urban and Population Studies, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Towards social upgrading: Conceptualization of social change in the post-socialist city (the case of Warsaw, Poland)

Caroline Bouloc, Centre National de la Recherche Scientifique, UMR Géographie-cites

- Using qualitative methods in order to study Polish élites in Warsaw

Hikoyat Salimova, Hafen City University Hamburg

- A tale of two bazaars: The narratives and storytelling techniques in exploring the transformation of public spaces in Post-Soviet Tashkent

Anna Grzegorzcyk, Barbara Jaczewska, Department of Geography and Regional Studies, University of Warsaw

- Social segregation vs spatial isolation. Housing policy in selected metropolitan areas: Preliminary surveys

room
C8



■ C12.39 Urban Commission: Urban Challenges in a Complex World Urban Governance 2

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Abdullah Mahboob, Urban and Regional Planning, King Abdulaziz University

- The capacity building of local governments for better city management: A case study of Jeddah city, Saudi Arabia

Marta Lackowska, Faculty of Geography and Regional Studies, University of Warsaw

- Political rescaling of post-socialist cities. The case of Poland

Ewa Korcelli-Olejniczak (1), *Mirosław Grochowski* (2)

(1) Department of Urban Geography and Population, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Department of Geography and Regional Studies, University of Warsaw

- Warsaw as a diverse city: How policy reflects reality

Roman Matousek, Charles University in Prague

- Public and social housing in Czechia: Path dependence, risks of segregation and need for innovation

room
C9



■ C12.36 Toponymy Geographical Aspects of Place Names: Names in Urban Space

Chairperson: *Joan Tort Donada*

Cosimo Palagiano, Sapienza University of Rome

- Communicative names of cities and streets

Danielle Drozdowski, University of New South Wales

- Using history to affirm geopolitics of memory of the Kraków streetscape

Wenchuan Huang, National Dong Hwa University

- The politics of street names in Tainan, the oldest city of Taiwan

Peter Kang, Department of Taiwan and Regional Studies, National Dong Hwa University

- The new toponymic representation of urban space: The case of naming of metro-stations in Taiwan

Business meeting of IGU Commission **C12.30 Mediterranean Basin**

room
C 10

1 pm – 2 pm LUNCH BREAK

2 pm – 3:30 pm

Thursday 21th August

BUILDING B

Plenary session: Responsibility

Prof. Julie Winkler, Michigan State University, USA

- Embracing the Complexity and Uncertainty of Climate Change: Responsibilities for Geographers

Prof. Andreas Faludi, Delft University of Technology, The Netherlands

- Place is a no-man's land, so who is responsible?

room
B 0

3:30 pm – 4 pm COFFEE BREAK

4 pm – 5:45 pm

Thursday 21th August

BUILDING A

■ C12.35 Sustainability of Rural Systems

Food Chains and the 3 S (Sovereignty, Safety and Sustainability) 1

Chairperson: **Serge Schmitz**

Rie Makita, Rikkyo University

- Poverty reduction and environmental conservation through Fair Trade

Alessandro Leto, University for Foreigners of Perugia

- The role of sustainable and responsible development to preserve and increase the 3S

Marie Syrovatkova, Charles University in Prague

- The adoption of the 'local-food' concept in a post-communist context: Farmers' markets and farmers' shops in Czechia



room
A 1

Thursday

room
A 4



■ C12.07 Cultural Approach in Geography / C12.14 Geography of the Global Information Society

Digital Culture and the Digital Revolution

Chairpersons: *Karsten Gäbler, Mark Wilson*

Mike Duggan, Social & Cultural Geography, Royal Holloway University of London

- Augmenting the everyday: Emerging places for digital research

Tilo Felgenhauer, Institute for Geography, University of Jena

- The digital construction of traditional geographical imaginations

Graeme Mearns (1), Rebecca Simmonds (2), Randal Richardson (3), Paul Watson (2), Mike Coombes (3), Paolo Missier (2)

(1) Department of Geography, Newcastle University

(2) School of Computing Science, Newcastle University

(3) Centre for Urban and Regional Development, Newcastle University

- Tweet my street: A geographical snapshot of digital culture in North-East England

room
A 5

■ Thematic session:

Urban Agriculture in the Neoliberal City 2

Chairpersons: *Sandrine Baudry, Ségolène Darly, Johan Milian*

Marion Ernwein, Department of Geography and Environment, University of Geneva

- Gardening the neoliberal city or neoliberal nature?

Ségolène Darly, Johan Milian, Department of Geography, University of Paris 8 Vincennes St-Denis

- Farming the post-industrial city? Practices and politics at the gates of Paris (France)

Taro Futamura, Doshisha University

- Contesting spaces: Growth and politics of urban farmers markets in Tokyo, Japan

room
A 7



■ C12.08 Dynamics of Economic Spaces

Emerging Economic Spaces 2

Chairperson: *Neil Reid*

Arie Romein (1), Robert Kloosterman (2), Jan-Jacob Trip (1)

(1) Faculty of Architecture and the Built Environment, Delft University of Technology

(2) Amsterdam Institute for Social Science Research, University of Amsterdam

- Creative industries and their importance for urban economy and space: A comparison of Amsterdam and Rotterdam from a path-dependence perspective

Bolesław Domański, Krzysztof Gwosdz, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- External shocks and the evolution of an industrial town: The factors behind the success of creative destruction of the economy of Bielsko-Biała

Nicolas Reum, Department of Economic and Social Geography, University of Cologne

- Skill-Mismatch in the electronics-industry in selected regions of Germany, the Netherlands and Poland

■ C12.15 Geography of Tourism, Leisure, and Global Change

Tourism, Sustainability and Global Change 2: Tourism and Sustainable Development

Chairpersons: *Sanette Ferreira, Dieter K. Müller*

Valente Vázquez-Solís, Álvaro Gerardo Palacio-Aponte, Patricia Julio-Miranda, School of Social Sciences and Humanities, Autonomous University of San Luis Potosí

- Tourism carrying capacity in the Joya Honda volcano, San Luis Potosí, México: A social and perceptive approximation

Alina Zajadacz, Ilona Potocka, Adam Mickiewicz University in Poznań

- Attitude of future tourist services sector workers to disabled clients. Case studies from Poland and Russia

Katarzyna Podhorodecka, Faculty of Geography and Regional Studies, University of Warsaw

- The impact of global economic crisis on tourism of Spain. Case study of the Canary Islands

Bogdan Włodarczyk, Robert Wiluś, University of Łódź

- Research into Tourism Space in Poland at the "Geographical Centre" in Łódź



COMMISSIONS

room
A 9

■ C12.10 Gender and Geography

Challenges of Gendered Lives and Places: The place we call home

Chairpersons: *Orna Blumen, Tovi Fenster*

Mikoto Kukimoto (1), Yoshimichi Yui (2), Yoshiki Wakabayashi (3)

- (1) Faculty of Economics, Oita University
- (2) Graduate School of Education, Hiroshima University
- (3) Department of Geography, Tokyo Metropolitan University

- Role of women NPOs in managing childcare support services in metropolitan suburbs in Japan

Orna Blumen, University of Haifa

- Taking the work home: Women and the wellbeing of family business

Magdalena Ślusarczyk, Paula Pustulka, Institute of Sociology, Jagiellonian University in Kraków

- Home-making in the transnational context? Case study of Poles in Norway

Lianet Camara, Dip. Tempo Spazio Immagine e Società, University of Verona

- Transformation of the territorial configuration of Arcella in the new multicultural setting

Selim Jahangir (1), Anindita Datta (1), Ajay Bailey (2)

- (1) Department of Geography, University of Delhi
- (2) Faculty of Patila Sciences, University of Groningen

- Ageing, gender performances and care: A study of elderly men and their care providers in Kolkata



COMMISSIONS

room
B 1

room
B 2

■ Thematic Session:

Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 5

Chairpersons: *Eyüp Artvinli, Danuta Piróg*

Cristiana Martinha, CEGOT and CITCEM, University of Porto

- The in-service teacher training in Portugal – the case of Geography

Gregor Falk, Johannes Bertsch-Joas, Institute of Geography, University of Education Freiburg

- Teacher training across borders: Geographical education and capacity building between intellectual heritage and modernity

Fernando Alexandre (1), Manuela Ferreira (2)

(1) AESJE, Department of Social Sciences

(2) DEED, Universidade Aberta

- The “universitisation” of geography teachers’ training in Portugal: Reflecting on its results and weaknesses

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B 3



■ C12.20 History of Geography / C12.33 Political Geography

What (Political) Geography Ought to Be? Theoretical Approaches to and Historical Perspectives on Geography and Geopolitics as Instruments of Peace 3

Chairpersons: *Elena dell’Agnese, Toshiyuki Shimazu*

Toshiyuki Shimazu, Department of Geography, Wakayama University

- War, peace and a geographical internationalism: The 1871 Antwerp International Geographical Congress as a Peace Festival after the Franco-Prussian War

Ewelina Żurawicz, Magdalena Oberska, Małgorzata Surmacz, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Tolerance in geographical education - a comparative analysis of geography school textbooks in Poland, Great Britain and Spain

Akihiko Takagi, Department of Geography, Kyushu University

- Japanese wartime geopolitics and exceptionalism in the post war era

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B 4

■ Thematic session:

Language and Scientific Production in the Context of Globalization: A Question for Geographers

Chairpersons: *Nathalie Lemarchand, Antoine Le Blanc*

Nathalie Lemarchand, University of Paris 8 Vincennes St-Denis

- Former & agrave; la recherche, analyser et produire un savoir scientifique dans une langue internationale: Le risque de l’uniformisation des schémas intellectuels?

Benjamin Wayens, Brussels Studies e-journal, Université Saint-Louis

- The need to translate: Brussels Studies and the dissemination of academic knowledge in a small world city

Louis Dupont, University Paris-Sorbonne

- Beyond translation: Globostyle production of geographic knowledge and local cultures

■ C12.11 Geographical Education

Changing Practices in Geography Education: Meeting the Challenges of the Future 5: Technology Enhanced Pedagogies

Chairperson: *John Lidstone*

Andreas Rienow (1), Henryk Hodam (1), Gunter Menz (1), Kerstin Voss (2)

(1) Department of Geography, University of Bonn

(2) Department of Geography, PH Heidelberg

- Earth observation and space travels in schools; Two examples of digital knowledge transfer

Yael Sneh, Department of Geography and Environmental Studies, Oranim College of Education

- Teaching Geography Today: The role of technology in „explaining the present“

Jeremy Che-Ming Chen, Yao-Hui Wang, Department of Geography, National Taiwan Normal University

- The educational application of volunteered geographic information: A geocaching website for promoting geographic education in Taiwan



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■ C12.11 Geographical Education

Research Findings and Challenges in Geography Education 3: Teacher Training in Geography

Chairperson: *Sarah Bednarz*

Rod Lane, Macquarie University

- Assessing experienced geography teachers' epistemological beliefs about learning and teaching

Janis Foegele, Chair for Geography Education, FAU Erlangen-Nuremberg

- Operationalization of geography key concepts through symbiotic teacher trainings

Joseph Stoltman, Geography and Science Education, Western Michigan University

- Teacher preparation in geography education: Implementing the road map



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B 6

■ C12.28 Local and Regional Development / C12.29 Marginalization, Globalization and Regional & Local Responses

Areas of Growth and Economic Stagnation – The Challenges of Globalization and Marginalization 3: Regional Development Processes and Policy Intervention

Chairpersons: *Michael Sofer, Stanko Pelc, Paweł Churski*

Donatas Burneika (1), Paweł Churski (2), Pavol Korec (3)

(1) Lithuanian Social Research Centre

(2) Department of Regional Analysis, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

(3) Department of Human Geography and Demography, Comenius University

- Areas of development and stagnation in the context of regional policies of new EU member states. Comparative analysis of Lithuania, Poland and Slovakia



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B 7

Paweł Churski, Department of Regional Analysis, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Regularities underlying differences in development processes in Poland in the context of designing a regional policy along the lines of a polarisation-diffusion model

Joanna Krukowska, Faculty of Geography and Regional Studies, University of Warsaw

- Regional approaches to the implementation of EU Cohesion Policy in Poland

Boian Koulov, National Institute of Geophysics, Geodesy and Geography, Bulgarian Academy of Sciences

- On the need of a convention for sustainable development of mountains in Southeast Europe (Balkan Convention)

room
B 8



■ 12.28 Local and Regional Development / C12.30 Mediterranean Basin

Local and Regional Development in the Mediterranean Basin

Chairpersons: *Maria Paradiso, Michael Sofer*

Yuval Karplus, Avinoam Meir, Geography and Environmental Development, Ben-Gurion University of the Negev

- Spatial imbrications and rural space dialectics: The case of Bedouin production of space in Israel

Daniel Göler (1), Dhimiter Doka (2), Matthias Bickert (1)

(1) Institute of Geography, MigTrans, University of Bamberg
(2) Departement of Geography, Tirana University

- Chrome against the blockade? The restructuring of Albanian chrome mining

Kari Makelainen, School of Economics, University of Turku

- Innovative regions in the Mediterranean Basin: Metal and engineering industries in Turkey

Bassem Neifar, UMR TELEMME Aix-Marseille University and CNRS

- Towards a new reading of the tourism space in the Island of Jerba in Tunisia Based on reviews of tourists on internet

■ C12.33 Political Geography

The Political Geographies of Camps 2

Chairpersons: *Irit Katz, James D. Sidaway*

Ian Klinke, School of Geography, University of Oxford

- The bunker and the camp: Inside West Germany's nuclear tomb

Gaja Maestri, Geography, Durham University

- The geographies of the nomad camps system in Rome: One camp, multiple alternative spaces

James Zomighani Junior, Sao Paulo University

- Brazil: Dialectical utilizations of the territory by the prison system in the State of São Paulo

room
B 9



■ Thematic session:

Natural Environment, Climate Change, Disasters and its Impact on Human Society in South Asia 3

Chairpersons: *R.B. Singh, Pawel Prokop, Roman Soja, Dominik Gargol*

Pawel Prokop (1), Adam Walanus (2)

(1) Department of Geoenvironmental Research, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Department of Geoinformatics and Applied Computer Science, AGH University of Science and Technology in Kraków

- Extreme rainfall changes over the Meghalaya Hills (Northeast India) during the 20th century

Roman Soja (1), Joanna Nowakowska (2)

(1) Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Institute of Geography, Pedagogical University of Cracow

- Diurnal variation of precipitation in Cherrapunjee (Meghalaya, India)

Tomasz Bryndal, Roman Soja, Institute of Geography, Pedagogical University of Cracow

- Maximum flow and the maximum specific flow in small catchments, affected by summer monsoon near Cherrapunjee (Meghalaya Plateau, India)

Dominik Gargol, Małgorzata Juszczuk, Roman Soja, Physical Geography Department, Pedagogical University of Cracow

- Spatial distribution and structure of precipitation in Cherrapunjee area (Meghalaya, India)

Maciej Kędzierski, Dominik Gargol, Physical Geography Department, Pedagogical University of Cracow

- Bioclimate conditions of Andaman Islands in relation to climate determinism of Negrito people

room
B 10

■ C12.33 Political Geography

European Integration 2: Borders and Cross-Border Cooperations

Chairpersons: *Virginie Mamadouh, Anna Casaglia, Jussi Laine*

Izabela Bal, University of Wrocław

- The future of the Schengen Area - challenging for free movement of persons and immigration controls in the European Union

Jussi Laine, Karelian Institute, University of Eastern Finland

- European neighborhood: Contradictory practices and irrational rationalities

Alexander Sebestsov, Maria Zotova, Laboratory of Geopolitical Studies, Institute of Geography, Russian Academy of Sciences

- Kaliningrad region in the space of European integration: Challenges and problems of cross-border cooperation

Maria Zotova, Alexander Sebestsov, Laboratory of Geopolitical Studies, Institute of Geography, Russian Academy of Sciences

- Barrier boundaries the Post-Soviet space and gradients of socio-economic development in the European context



room
B 11

Thursday

room
C 1

■ **Thematic Session:**

**What is Geography: Debates and Definitions
(The Seventh Session of the Lelevel Society Research Group) 2**

Chairpersons: *Gideon Biger, Witold Wilczynski*

Mateusz Wierciński, Institute of Geography, University of Jan Kochanowski in Kielce

- Geography and the image of the world - the problem of a paradigm

Je-Hun Ryu, Department of Geography, Korea National University of Education

- The future of Korean human geography as a discipline in the Korean Studies

Nuri Yavan, Erdem Bekaroglu, Ankara University

- Influences of Western geography on the historical development of modern Turkish geography: An empirical analysis
- **Discussion panel:** The influence of political correctness and emotional factors on geographical research

room
C 2

■ **Thematic session:**

**Geomorphological Hazards in Different Morphoclimatic Zones
- Magnitude and Frequency 3**

Chairpersons: *Zofia Rączkowska, Piotr Migoń, Zbigniew Zwoliński*

Zofia Rączkowska (1), Michał Długosz (1), Bogdan Gądek (2), Mariusz Grabiec (2), Michał Kalafarski (2), Ryszard J. Kaczka (2), Elżbieta Rojan (3)

(1) Department of Geoenvironmental Research, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Faculty of Earth Science, University of Silesia

(3) Faculty of Geography and Regional Studies, University of Warsaw

- Environmental conditions, dynamic and multiproxy records of snow avalanches in the Tatra Mts.

Adam Łajczak, Pedagogical University of Cracow

- Timberline at Mt. Babia Góra as a reflection of the different rates of slope processes

Eliza Płaczowska, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Headwater channels as the area of geomorphological hazard initiation (Western Tatra Mts., Poland)

Jan Lenart (1), Tomáš Pánek (1), Petr Tábořík (2), Ondřej Turský (1), Vratislav Blecha (2)

(1) Department of Physical Geography and Geoecology, University of Ostrava

(2) Institute of Hydrogeology, Engineering Geology and Applied Geophysics, Charles University in Prague

- Recognition of the deep-seated landslides structure in sedimentary flysch rocks by application of four different geophysical methods

Michał Zatorski, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Characteristics of the Mroczna Cave in the Low Beskid based on the morphotectonic analysis

■ C12.26 Land Use and Land Cover Change

Natural Changes by Human Activity 3

Chairperson: *Ivan Bičík*

Katarzyna Ostapowicz (1), Matthias Bürgi (2), Urs Gimmi (2), Jacek Kozak (1), Achilleas Psomas (2), Agnieszka Wypych (1), Niklaus Zimmerman (2)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Research Unit Land Use Dynamics, Swiss Federal Research Institute for Forest, Snow and Landscape Research (WSL)

- Estimation of past forest cover changes over last 150 years: Case studies from the Swiss Alps and the Polish Carpathians

Maria Gunko (1), Natalia Koldobskaya (2)

(1) Department of Cartography, Institute of Geography Russian Academy of Sciences

(2) Department of Geography, Moscow State Lomonosov University

- On the problems and the spatial distribution of waste disposal sites in Russia

Mariola Ferenc, Department of Rural Geography and Local Development, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- The formation and spatial organization of villages in Poland after 1989

Peter Szilassi, Viktória Blanka, Zsuzsanna Ladányi, Department of Physical Geography and Geoinformatics, University of Szeged

- Assessment of the connection between drought and agricultural land use changes in Hungary



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C 4

■ C12.34 Population Geography

Processes of Population Change and Migration 3

Chairpersons: *Jianfa Shen, Yu Zhu*

Małgorzata Flaga, Monika Wesołowska, Maria Curie-Skłodowska University

- Demographic and social degradation in the peripheral rural areas of the Eastern Poland

Jadwiga Gałka, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Regional diversity of migration from Poland after Poland accession to the European Union

Andrzej Sokolowski (1), Małgorzata Markowska (2), Danuta Strahl (2)

(1) Department of Statistics, Cracow University of Economics

(2) Department of Regional Economy, Wrocław University of Economics

- Dynamic clustering of short-term demographic changes in EU NUTS 2 regions

Martin Simon, Renata Mikešová, Local and Regional Studies, Institute of Sociology, Academy of Sciences of the Czech Republic

- Population shrinkage in Central Europe: Paradigmatic shift towards adaptation policies?



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C 7



■ **C12.39 Urban Commission: Urban Challenges in a Complex World
Urbanization and Functions of Cities in Post-Socialist Countries 4**

Chairpersons: *Daniela Szymańska, Beata Hołowiecka, Celine Rozenblat*

Zaiga Krisjane (1), Maris Berzins (2), Tiit Tammaru (2)

(1) Department of Human Geography, University of Latvia

(2) Institute of Geography, University of Tartu

- Always moving: Mobility patterns at the meso-scale in Riga

Eva Svobodová, Alois Hynek, Petr Kubiček, Viola Dítěťová, Department of Geography, Faculty of Science, Masaryk University Brno

- Appraisive imagery of Liberec-city (North Bohemia, Czech Republic)

Balazs Szabo (1), Szabolcs Szabo (2)

(1) Research Centre for Astronomy and Earth Sciences, Geographical Institute, Hungarian Academy of Sciences

(2) Institute of Geography and Earth Sciences, Faculty of Science, Eotvos Lorand University

- Functional and architectural change in the inner-city of Budapest after 1990

Szymon Marcińczak, Faculty of Geographical Sciences, University of Łódź

- Buildings, altitude and social status: Vertical social differentiation in Vienna, Budapest and Bucharest

Yefang Huang, The Chinese University of Hong Kong

- The development of Shanghai as an International Shipping Centre

room
C 8



■ **C12.39 Urban Commission: Urban Challenges in a Complex World
Increasing Insecurity**

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Kaihuai Liao (1), Rainer Wehrhahn (1), Werner Breitung (2)

(1) Department of Geography, University of Kiel

(2) Xi'an Jiaotong, Liverpool University

- An agency-structure approach to urban borderland study: The case of a gated community and its neighboring area in Panyu in Guangzhou, China

Rainer Wehrhahn, Dominik Haubrich, Department of Geography, University of Kiel

- The 'doings' and 'sayings' of the reproduction of urban (in)security in Brazil

Ludmila Ribeiro, Alexandre Diniz, Pontifical Catholic University of Minas Gerais

- Robbery, burglary and damage of public and private property during 2013 FIFA's Confederations Cup in Belo Horizonte, Brazil

room
C 9

Business meeting of IGU Commission **C12.36 Toponymy**

Poster exhibition

Thursday 21.08.2014, 9 am – 5:45 pm

■ **C12.04 Climatology****GIS and Remote Sensing Methods in Atmospheric Sciences**

Paweł Milewski, Department of Geoecology and Climatology, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Evaluation of local bioclimatic conditions in Polish health resorts

Witold Bochenek (1), *Wojciech Marczewski* (2)

(1) Department of Geoenviromental Research, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Space Research Centre, Polish Academy of Sciences

- The dynamics of soil moisture content based on SMOS (ESA) data

Anetta Drzeniecka-Osiadacz (1), *Mariusz Szymanowski* (2), *Małgorzata Malkiewicz* (3), *Justyna Krynicka* (1)

(1) Department of Climatology and Atmosphere Protection, University of Wrocław

(2) Department of Geoinformatics and Cartography, University of Wrocław

(3) Faculty of Earth Science and Environmental Management, University of Wrocław

- The spatial variation of the start dates of Artemisia pollen seasons in Poland

Maciej Kryza (1), *Mariusz Szymanowski* (2), *Hanna Ojrzyńska* (1), *Kinga Wałaszek* (1)

(1) Department of Climatology and Atmosphere Protection, Wrocław University

(2) Department of Geoinformatics and Cartography, Wrocław University

- WRF and bioclimate: Evaluation of 2001-2010 high resolution wind chill index estimation for Poland

■ **C12.04 Climatology****Climate Change and Variability Impacts**

Dragan Milošević (1), *Stevan Savić* (1), *Igor Žiberna* (2), *Dragan Dolinaj* (1), *Vladimir Marković* (3),

Daniela Arsenović (3), *Uglješa Stankov* (3)

(1) Climatology and Hydrology Research Centre, Faculty of Science, University of Novi Sad

(2) Department of Geography, Faculty of Arts, University of Maribor

(3) Center for Spatial Information of Vojvodina Province, Faculty of Science, University of Novi Sad

- Fluctuations of the meteorological parameters and its influence on plant development in the Republic of Slovenia

Ales Urban, *Jan Kysely*, Department of Climatology, Institute of Atmospheric Physics, Czech Academy of Science

- Spatial patterns of links between temperature extremes and cardiovascular mortality and morbidity in the Czech Republic

Monika Dzwonkowska, *Elwira Żmudzka*, Department of Climatology, University of Warsaw

- Unfavourable atmospheric phenomena for plant growth in Poland - spatial diversity and temporal variability (1971-2011)



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Thursday

Krzysztof Jarzyna, Institute of Geography, Jan Kochanowski University in Kielce

- Adaptation of analogue method for studying the impact of climate change on the snow making possibilities in the Polish mountain areas

Adam Piasecki, Faculty of Earth Sciences, Nicolaus Copernicus University

- Changes in the surface morphometry of lakes in the Wielkopolska Lake District

Joanna Plenzler, Joanna Pociask-Karteczka, Institute of Geography and Spatial Management, Jagiellonian University in Krakow

- The Stara River streamflow response to seasonal snow cover changes (the Carpathian Foothills)



■ C12.10 Gender and Geography

Challenges of Gendered Lives and Places

Łukasz Kowalski, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Spatial accessibility to sport facilities for women in Krakow



■ C12.11 Geographical Education

Changing Practices in Geography Education: Meeting the Challenges of the Future

Ladislav Tolmaci, Alfonz Gajdos, Peter Barto, Department of Geography, Geology and Landscape Ecology, Faculty of Natural Sciences, Matej Bell University

- Changes of geography curriculum and new tasks of geography education in Slovakia

Alejandro Ramos-Trejo (1), Álvaro Sánchez-Crispín (2)

(1) Escuela Nacional Preparatoria, Universidad Nacional Autonoma de Mexico

(2) Instituto de Geografia, Universidad Nacional Autonoma de Mexico

- Outcome and organization of Geography Bees recently held in Mexico, at high school level

Makoto Ikeshita, Hiroshima University

- The way that should be to instruct social studies geographical field for junior high school to foster the ability to think, to make decision, to express themselves: Thorough adopting ESD's view



■ C12.11 Geographical Education

Research Findings and Challenges in Geography Education

Haruna Ayuba (1), Mohammed Daura Mala (1), Mohammed Idris Nasiru (2)

(1) Department of Geography, University of Maiduguri

(2) Department of Geography, Nasarawa State University, Keffi

- Wither physical geography in Nigerian universities?

Rajko Gnjato, Marko Stanojevic, Slobodan Gnjato, Department of Geography, Faculty of Natural Sciences and Mathematics, University of Banja Luka

- Theoretical-methodological background of scientific and educational Serbian regional geography

Dana Reznickova, Miroslav Marada, Veronika Oubrechtova, Tereza Kococova, Department of Social Geography and Regional Development, Charles University in Prague

- Inquiry based learning: Future of Czech school geography?

Maria Cristina Davanzo (1), Francesco Micelli (2)

(1) Polisportiva San Marco Rowing Club

(2) Department of History, University of Trieste

- Teaching geography as a relationship between man and earth to young people through the experience of geographicity in agonistic rowing (research project)

Victor Salinas Silva, Arenas Andoni, Instituto de Geografia, Pontificia Universidad Catolica de Valparaiso

- What does the geographical distribution of students tell us about their civic knowledge? Geographical inequalities and civic engagement in Chilean Grade 8 students

Kinga Xenia Havadi Nagy, Department for Regional Geography and Spatial Planning, Faculty of Geography, Babes-Bolyai University Cluj

- Students' awareness of their own learning process during summer schools

■ C12.15 Geography of Tourism, Leisure, and Global Change Tourism, Sustainability and Global Change

Kosei Yamada, Teikyo University

- The problem and possibility of sustainable tourism in rural areas of Indonesia



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■ C12.15 Geography of Tourism, Leisure, and Global Change Urban Tourism Geographies

Aljosa Budovic, Nikola Jovic, Ivan Ratkaj, Faculty of Geography, University of Belgrade

- The phenomenon of hostel expansion in Belgrade: A stakeholder analysis

Tomasz Napierala, Faculty of Geographical Sciences, University of Łódź

- Location within a city as a determinant of hotel room rates



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Fernando Almeida Garcia, Antonia Balbuena Vazquez, Rafael Cortes Macias, Department of Geography, University of Malaga

- Attitudes of residents towards tourism. The case of Benalmadena, Spain

■ C12.15 Geography of Tourism, Leisure, and Global Change Tourism and Regional Development

Jinhe Zhang, Jinkun Sun, Lu Yang, Department of Land Resources and Tourism Sciences, Nanjing University

- Estimating model of carbon dioxide emissions from regional tourism transportation: Empirical analysis of Nanjing and Huangshan city



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Kei Ota, Tourism Sciences, Tokyo Metropolitan University

- Land use changes and their regional characteristics in the coastal resort area of Tokyo Metropolitan Suburbs: A case study of Hojo Area, Tateyama City, Chiba Prefecture

Hongyi Zhou, Huixia Li, Department of Resources and Environment Science, Foshan University

- The tourism sector's international competitiveness: A value chain analysis: A case from Sichuan province of China

Marta Chmielewska, University of Silesia

- Tourism as a factor of redevelopment of old-industrial regions – study cases: Ruhr Area (Germany) and Upper Silesia (Poland)

Urszula Myga-Piątek, Polish Geographical Society

- Between globalization and glocalization. The role of sustainable tourism in the strengthening of regional identity and protection of natural and cultural heritage



■ C12.20 History of Geography / C12.33 Political Geography

What Political Geography Ought to be? Theoretical Approaches to and Historical Perspectives on Geography and Geopolitics as Instruments of Peace

Hana Svatonova, Frantisek Bartik, Department of Geography, Faculty of Education, Masaryk University in Brno

- Geographical view on postwar reality of the Czech uranium mining



■ C12.28 Local and Regional Development / C12.29 Marginalization, Globalization and Regional & Local Responses

Areas of Growth and Economic Stagnation - The Challenges of Globalization and Marginalization

Anna Borowczak, Paweł Churski, Michał Dolata, Joanna Dominiak, Jan Hauke, Barbara Konecka-Szydłowska, Robert Perdał, Faculty of Geography and Geology, Adam Mickiewicz University in Poznań

- Growth and stagnation areas in Poland - spatial distribution

Robert Perdał, Paweł Churski, Michał Dolata, Joanna Dominiak, Jan Hauke, Barbara Konecka-Szydłowska, Anna Borowczak, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Growth and stagnation areas in Poland - developmental factors

Barbara Konecka-Szydłowska, Michał Dolata, Paweł Churski, Joanna Dominiak, Anna Borowczak, Robert Perdał, Jan Hauke, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Growth and stagnation areas in Poland - temporal distribution

Joanna Dominiak, Paweł Churski, Barbara Konecka-Szydłowska, Michał Dolata, Jan Hauke, Anna Borowczak, Robert Perdał, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Growth and stagnation areas in Poland - Impact of the world economic crisis

Paweł Churski, Anna Borowczak, Barbara Konecka-Szydłowska, Jan Hauke, Michał Dolata, Joanna Dominiak, Robert Perdał, Department of Regional Analysis, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Growth and stagnation areas in Poland - international comparative studies

Anna Tobolska, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Local and regional links of Swedwood Poland at Chlastawa: The birth of a cluster

Franziska Görmar, Department of Regional Geography of Europe, Leibniz Institute for Regional Geography

- The Initial Training Network „Socio-economic and Political Responses to Regional Polarisation in Central and Eastern Europe“ (RegPol²) – the project and its objectives

■ **C12.29** Marginalization, Globalization, and Regional and Local Responses

Changing Nature of Globalization, Marginalization and Marginality - New Challenges for Understanding and Responding

Arthur Zieliński (1), *Krzysztof Czerwiński* (2)

(1) Institute of Geography, Jan Kochanowski University in Kielce

(2) Samorządowe Gimnazjum School No. 1 in Busko-Zdrój

- Ponidzie - peripherally located region with above-average natural and cultural values



■ **C12.33** Political Geography

European Integration, Conflict Resolutions and Persisting Divides

Nicolai Teufel, Chair of Cultural Geography, University of Bayreuth

- Border-related monuments and public art along the southern Polish-German border

Richard Nikischer, Department of Social Geography and Regional Development, Faculty of Science, Charles University in Prague

- What is 'Europe'? Different perceptions of European identity across 27 European Union countries



■ **Thematic session:**

Natural Environment, Climate Change, Disasters and its Impact on Human Society in South Asia

Łukasz Wiejaczka (1), *Subir Sarkar* (2), *Rafał Kozłowski* (3)

(1) Department of Geoenvironmental Research, Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Geography Department, North Bengal University

(3) Jan Kochanowski University in Kielce

- The impact of a reservoir on chemical properties of water in the mountain course of the Tista River (Darjeeling Himalaya)

Niels Schwab, *Udo Schickhoff*, Department of Physical Geography, Center for Earth System Research and Sustainability (CEN), University of Hamburg

- Transition from monoculture to agroforestry: Improving soil conditions and phytodiversity for sustainable land use and livelihood security in the mid-hills of Nepal

Ravi Singh, Banaras Hindu University

- Human response to natural disasters: A study of people's perception of river bank-erosion

■ Thematic Session:

Urban Agriculture in the Neoliberal City

Sophia Ilyniak, Food Security, Ryerson University

- Recognizing urban agriculture's reflexive politics: Perspectives from Toronto, Canada

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■ C12.18 Hazard and Risk

Anthropogenic Influence on Natural Hazards and Related Risks

Jadwiga Gorajska, Faculty of Geography and Biology, Pedagogical University of Cracow

- Changes in the geometry of selected sections of the Vistula Channel in the Foreland of the Carpathian Mountains due to river regulation in the 19th and 20th centuries

Józef Żychowski, Institute of Geography, Pedagogical University of Cracow

- Impact of cemeteries on groundwater bacteriological content. An assessment based on the literature review

Jacek Mucha (1), Agnieszka Dobosz (2)

(1) Department of Geomorphology, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Department of Regional Development, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- The geomorphological verification of the efficiency of the landslide stabilization methods in Tymbark (Flysch Carpathians)



■ C12.18 Hazard and Risk

Yuriy Efremov, Kuban State University

- Conditions of mudflows formation on the Greater Caucasus

Benyong Wei, Guiwu Su, Institute of Geology, China Earthquake Administration

- Public response to earthquake disaster - a case study in Yushu, Qinghai Province, China



■ C12.26 Land Use and Land Cover Change

Szymon Biały, Józef Kukulak, Institute of Geography, Pedagogical University of Cracow

- The old mine roads transformations in the Tatra Mts in the last 150 years

Katarzyna Wasak, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Carbon sequestration dynamics as consequence of land use change:
The case of abandoned pastureland in the Tatra Mountains

Renata Dulias, Faculty of Earth Sciences, University of Silesia

- Changes in land cover and land use in areas of underground mining - a case study from the Upper Silesian Coal Basin, Poland

Paulina Dudzik, Faculty of Earth Science and Environmental Management, University of Wrocław

- Changes in the cultural landscape of rural areas of Kłodzko District in Poland

Wei Sun, Wen Chen, Jianglong Chen, Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences

- Study on cooperative constraint regionalization of water environment and the guide of industrial distribution: A case study of Jiangsu Province

Łukasz Musielok, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- The influence of spruce monocultures introduction on properties of soils developed from sedimentary and metamorphic rocks in the Sudety Mountains

Ratnaprabha Jadhav, Chandmal Tarachand Bora College Shirur Dist Pune, University of Pune

- Application of RS and GIS in land use/land cover (LULC) changes of Wada Circle, Khed Tahsil, Pune District, MS

Barbara Czajka (1), Ryszard J. Kaczka (1), Adam Łajczak (2)

(1) Faculty of Earth Sciences, University of Silesia

(2) Faculty of Geography and Biology, Pedagogical University of Cracow

- Timberline: Line or zone? Multiproxy analyses of timberline ecoton in the Polish Carpathians (Babia Góra and Tatras)

■ C12.34 Population Geography

Processes of Population Change and Migration

Agnieszka Gil, Institute of Geography, Pedagogical University of Cracow

- Demographical changes in reference to Polish national censuses of 2002 and 2011

Iwona Jażdżewska, Faculty of Geographical Sciences, University of Łódź

- Duopolis Warsaw - Łódź in the light of the changes in the population density

Mirjanka Madjevikj, Biljana Apostolovska Toshevskaja, Svemir Gorin, Marija Ljakoska, Institute of Geography, Faculty for Natural Sciences and Mathematics, Ss. Cyril and Methodius University in Skopje

- The regional differentiation of the demographic movements in the Republic of Macedonia

Daniela Arsenovic (1), Dragan Dolinaj (2), Uglješa Stankov (1)

(1) Department of Geography Tourism and Hotel Management, Faculty of Science University of Novi Sad

(2) Department of Geography, Faculty of Arts, University of Maribor

- Changing excess mortality during summer months: Evidence for urban population in Novi Sad

■ C12.39 Urban Commission: Urban Challenges in a Complex World

Urban Governance

Chengguo Zhang (1), Li Xun (2), Youliang Guo (2)

(1) Public Policy Research Centre, Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong

(2) Geography and Planning School, Sun Yat-Sen University

- Domesticating the growth machine for urban village redevelopment in a globalizing city: The case of Liede Village in Central Guangzhou



■ **Thematic Session:**

Geomorphological Hazards in Different Morphoclimatic Zones - Magnitude and Frequency

Lidiya Dubis, Ivan Franko National University of Lviv

- Relict dunes of the right-bank side of Ukrainian Polissia: Peculiarities of expansion and formation

■ **Thematic Session:**

Knowledge and Rurality: Creation, Transfer & Migration

Anna Dubownik, Roman Rudnicki, Department of Spatial Management and Tourism, Nicolaus Copernicus University

- European Union funds for rural areas in Poland as a source of progress and stagnation

Wioletta Szymańska, Paulina Szmielińska-Pietraszek, Institute of Geography and Regional Studies, Pomeranian University in Słupsk

- Local government in the role of organizer of the development of the information society in coastal regions in Poland

■ **Thematic Session:**

What is Geography: Debates and Definitions (The Seventh Session of the Lelevel Society Research Group)

Alexander Gladkey, Department of Economic and Social Geography, Taras Shevchenko National, University of Kyiv

- Humanistic paradigm in geography



IGU Regional Conference
POLAND KRAKÓW 2014

FRIDAY

22

AUGUST 2014





**Campus of the 600th Anniversary of the Jagiellonian University Revival,
7 Gronostajowa St.**

Conference sessions and business meetings of the IGU Commissions

■ Thematic session:

Urban South Africa: Progress and Challenges Twenty Years post Apartheid

Chairperson: *Gustav Visser*

Gustav Visser, Department of Geography, University of the Free State

- Off the map spaces in off the maps places: Looking deeper into South African urban scholarship

Christian Rogerson, School of Tourism and Hospitality, University of Johannesburg

- South Africa's uneven tourism space economy: The challenge of urban dominance

Jayne Rogerson, Department of Geography, Environmental Management and Energy Studies, University of Johannesburg

- The greening of South Africa's commercial property sector

room
A 1

■ C12.05 Coastal Systems

Management of the Coast and Sea in the Mediterranean Basin and the Black Sea

Chairperson: *Françoise Breton*

Françoise Breton (1), François Morisseau (2), Emile Ivanov (3)

(1) Universitat Autònoma de Barcelona

(2) AMP French Federation

(3) UNOTT

- Revising the ICZM concept and exploring some of its spatial representations

M. Garmendia, A. Marín, M. Dinares, François Morisseau, Françoise Breton, Research Group SGR INTERFASE, Department of Geography, Autonomous University of Barcelona

- Alternative techniques to assess the eutrophication in offshore water under the ecosystem approach's requirements

Salim Bouakline, Makhlof Boutiba, Mohand Saïd Guettouche, LGG/FSTGAT, University of Sciences and Technology Houari Boumediene

- Residual sediment transport trajectories on dynamic submarine compartments of Réghaïa Beach (Algiers East coast-Algeria)



room
A 3

room
A 4



■ C12.08 Dynamics of Economic Spaces

Emerging Economic Spaces 3

Chairperson: *Neil Reid*

Michael Carroll, Bowling Green State University

- Organizing air service in emerging economic spaces

Andreas Winkler, Geographical Research of Migration and Transition, University of Bamberg

- What local development? A small investment-Mecca on the Western Balkans

Vladimir Kotlyakov, Vladimir Kolossov, Olga Glezer, Andrei Treivish, Institute of Geography, Russian Academy of Sciences

- Basic research on Russia's spatial development

room
A 5



■ C12.33 Political Geography

European integration 3: Eastern Partnership and ENP

Chairpersons: *Virginie Mamadouh, Anna Casaglia, Jussi Laine*

Ilkka Liikanen, University of Eastern Finland

- Future of wider Europe? Eastern Partnership and changing spatial imaginaries of EU policy documents

Sergiy Lisovsky, Eugenia Maruniak, Leonid Rudenko, Institute of Geography, National Academy of Science of Ukraine

- Ukrainian revolution's roots and geography: The context of European integration

Wojciech Jarczewski, Institute of Urban Development

- Urban renewal as a mechanism designed to support civic development in Ukraine. Project experiences from the Eastern Partnership Program

Jan Wendt, University of Gdańsk

- EU membership prospects for the former Yugoslav countries

Renata Blumberg, University of Minnesota

- Beyond europeanization: Food safety and the multiscalar politics of European integration

room
A 6



■ C12.15 Geography of Tourism, Leisure, and Global Change

Tourism in Mountain Areas 1

Chairpersons: *Dieter Müller, Alison Gill*

Alison Gill, Department of Geography, Simon Fraser University

- Sustainability and the Winter Olympic legacy: Opportunities and challenges in Whistler, British Columbia, Canada

Miha Koderman, Department of Geography, Faculty of Humanities, University of Primorska

- Second homes in the Alpine municipalities of Slovenia: A constant phenomenon in the landscape?

Yilmaz Ari, Faculty of Geography, Balikesir University

- Tourism in mountain national parks of Turkey: Mount Ida (Kazdagi) as a case study

Mariana Assenova, Vasil Marinov, Elka Dogramadjieva, Geography of Tourism Department, Sofia University

- Models of tourism development in small mountain destinations: The case of Bulgaria

■ C12.08 Dynamics of Economic Spaces

Dynamics of Knowledge Sectors in the Post-socialist Countries 1

Chairpersons: *René Matlovič, Piotr Pachura*

Lucka Lorber, Department of Geography, Faculty of Arts, University of Maribor

- Reasons for Slovenia's fallback in economic development in the time of the global financial crisis

Zoltan Gal, Institute of Regional Studies, Centre for Economic and Regional Studies, Hungarian Academy of Sciences

- Changing regional structure of the Hungarian higher education

Zdenek Szczyrba, Pavel Ptacek, Vaclav Tousek, Department of Geography, Palacky University in Olomouc

- Innovations, competitiveness and knowledge economy: Dynamics and regional examples from the Czech Republic

Rene Matlovic (1), Pavol Korec (2), Vladimir Ira (3)

(1) Department of Geography and Regional Development, University of Presov

(2) Department of Human Geography and Demography, Comenius University in Bratislava

(3) Institute of Geography, Slovak Academy of Sciences

- Spatial and organizational dynamics of the higher education sector in post-socialist Slovakia

■ C12.15 Geography of Tourism, Leisure, and Global Change / C12.33 Political Geography

Tourism and Political Borders 1

Chairpersons: *Marek Więckowski, Elena dell'Agnes*

Marek Więckowski (1), Dallen J. Timothy (2)

(1) Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) School of Community Resources and Development, Arizona State University

- Tourism and international borders: Globalization processes in the modern world

Raffaella Rizzo (1), Giulio Lucarno (2), Gian Paolo Scaratti (2)

(1) Università Cattolica del Sacro Cuore - Brescia

(2) Department of History, Archaeology and Art History, Università Cattolica del Sacro Cuore - Milano

- Physical and psychological borders: Attractions and destination of contemporary tourism

Sylvia Dołzbłasz, Institute of Geography and Regional Development, University of Wrocław

- Networking in borderlands: The role of tourism in transborder cooperation



room
A 7



room
A 8

room
A 9



■ C12.15 Geography of Tourism, Leisure, and Global Change Tourism and Regional Development (Tourism Development in Asia)

Chairpersons: *Dieter K. Müller, Tim Coles*

Yoshihisa Matsumura, Department of International Tourism, Hannan University

- Inner city rejuvenation and international tourism: A comparative study of Tokyo, Yokohama, and Osaka in Japan

Koun Sugimoto, Department of Tourism Science, Tokyo Metropolitan University

- GIS-based location analysis of accommodation facilities in the Greater Kanto Region of Japan

Erbaio Dai, International Centre for the Study of East Asian Development (ICSEAD)

- The destination choice behaviors of Asian tourists visiting Japan

BUILDING B

Friday 22th August

9 am – 10:45 am

room
B 1



■ C12.10 Gender and Geography Geographies of Parenthood: New Media, Old Clichés?

Chairperson: *Valeria Pecorelli*

Paula Pustulka, Magdalena Ślusarczyk, Institute of Sociology, Jagiellonian University in Kraków

- Co-residential or not-good-enough? Polish parents in Norway

Maarit Sireni, Nora Schuurman, Karelian Institute, University of Eastern Finland

- Blogging the clash between pregnancy and a human – animal relationship

Kristin Sziarto, Department of Geography, University of Wisconsin - Milwaukee

- Mediality, parenting, and race in the media controversy over Milwaukee's infant mortality reduction campaign

room
B 2

■ Thematic session: Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 6

Chairpersons: *Eyüp Artvinli, Danuta Piróg*

Kalyani Chatterjea, Humanities and SS Education Academic Group, National Institute of Education Singapore

- Mobile technology in management of field-based learning for pre-service teachers: An assessment of mGeo

Jesus Granados Sanchez, Universitat Autònoma de Barcelona

- Geography in teacher education in Spain

Simon Catling, School of Education, Oxford Brookes University

- Does it matter that we know little about the geographical understanding of trainee primary teachers?

Stefano Malatesta, Enrico Squarcina, 'Riccardo Massa' Human Sciences for Education Department, Università di Milano-Bicocca

- Is there a place for geography? A reading of the new Italian university degree in teacher education

■ C12.28 Local and Regional Development

Local and Regional Development: Project and Planning 1

Chairperson: *Benjamin Ofori-Amoah*

Petr Baklanov, Pacific Geographical Institute of the Russian Academy of Sciences, Far Eastern Federal University

- Structural transformations in territorial social-economic systems of Pacific Russia

Anthony Sorensen, Department of Geography and Planning, University of New England

- Small business finance in Australia's rural regions

Jerzy Bański, Institute of Geography and Spatial Organization Polish, Academy of Sciences

- Polycentric development of Mazovia region: Vision or reality?

Fredriika Jakola, Department of Geography, University of Oulu

- Combining the institutional regional theory and the critical border theory for the study of regional development in the peripheral Finnish-Swedish border region

Rassem Khamaisi, University of Haifa

- Planning face to face border region between Palestine and Israel

■ C12.23 Karst

Environmental Change and Stewardship Responsibilities in Karst Regions 1

Chairpersons: *Elena Trofimova, Martin Trappe*

Janusz Siwek, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- The changes of spring-water chemical composition in 2000-2011 as the effect of transformation of rural areas in Silesian and Malopolska Uplands (Poland)

Martin Trappe, Catholic University of Eichstaett-Ingolstadt

- Changing karst water chemistry as responses to human activity behaviour - results from the Franconian Alb (Germany)

Luiz Eduardo Panisset Travassos, Bruno Duro Rodrigues, Graduate Program in Geography, Pontifical Catholic University of Minas Gerais

- Mapping dry forests associated with carbonate karst: Geomorphology and GIS for the protection of sensitive areas in Minas Gerais, Brazil

Eszter Tanacs, Department of Climatology and Landscape Ecology, University of Szeged

- Forestry in karst areas - impacts, current trends and their implications



room
B 3



room
B 4

room
B5



■ C12.11 Geographical Education

Changing Practices in Geography Education: Meeting the Challenges of the Future 6: Innovation in Pedagogy

Chairperson: *John Lidstone*

Fer Hooghuis (1), Martin van der Velde (1), Joop van der Schee (2), Monique Volman (3)

(1) Radboud Graduate School of Teaching, Radboud University Nijmegen

(2) Centre for Educational Training, Assessment and Research, VU University Amsterdam

(3) Department of Child Development and Education, Pedagogical and Educational Sciences, University of Amsterdam

- Geographical reasoning in TTG lessons: Characteristics and quality of teachers' performances

Markus Hilander, Department of Teacher Education, University of Helsinki

- Applying a semiotic approach to interpretation of photos in geography education

Shigefumi Nagata, Mie University

- Geographical learning for fostering citizenship: Utilizing geographical enquiry into social dispute issues

room
B6



■ C12.11 Geographical Education

Research Findings and Challenges in Geography Education 4: Student Learning/Assessment

Chairperson: *Sarah Bednarz*

Rainer Mehren (née Uphues) (1), Eva Marie Ullrich-Riedhammer (1), Armin Rempfler (2), Janine Buchholz (3), Johannes Hartig (3)

(1) Department of Geography Education, University Erlangen-Nuremberg

(2) Department of Geography Education, University of Teacher Education Lucerne

(3) German Institute for International Educational Research, Frankfurt

- System Competence Modelling

Thomas Kisser, Department of Geography, University of Education Heidelberg

- Execution of excursions: The development of educational trails to a structured net of geopoints with geocaching

Martin Hanus, Miroslav Marada, Tereza Kocova, Department of Social Geography and Regional Development, Charles University in Prague

- What does map the map-skill-test tell us about Czech pupils?

Michael Solem, Association of American Geographers

- GeoProgressions: Building capacity for learning progressions research in geography

■ C12.10 Gender and Geography / C12.33 Political Geography

Gender, Human Rights and Citizenship

Chairpersons: *Inocent Moyo, Marcella Schmidt di Friedberg*

Inocent Moyo, University of South Africa

- Cross border traders in Johannesburg inner city: Challenging the geographical fixity of belonging

Eriko Ikeya, Department of Integrated Arts and Sciences, Kochi National College of Technology

- Background and cause of low fertility in Japan compared with the United Kingdom

Katarzyna Leśniewska, Department of Geography and Regional Studies, University of Łódź

- The comparison of the contemporary situation of Poles in Lithuania and Latvia from the institutional perspective

Tovi Fenster, Chen Misgav, Department of Geography and the Human Environment, Tel Aviv University

- The protest within protest: Political spaces of feminism and ethnicities in Levinski Protest Camp, Summer 2011



COMMISSIONS

**room
B 9**

■ C12.16 Geoparks

Geoparks 1

Chairperson: *Jose Luis Palacio-Prieto*

Gabriela Baran, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- The influence of rock resistance on sandstone rocky forms micromorphology as exemplified by the Kozie Skały geosite at Mt. Żurawnica (Beskid Średni Mts., Outer Carpathians)

Gulpinar Akbulut (1), Omer Unsal (2)

(1) Department of Geography, Cumhuriyet University

(2) Esri.com

- The geopark studies and geosites in Levent Valley Geopark (Malatya/Turkey)

José Luis Palacio-Prieto (1), Guadalupe C. Gómez-Aguado de Alba (2)

(1) Instituto de Geografía, Universidad Nacional Autónoma de México

(2) Centro de Enseñanza para Extranjeros, Universidad Nacional Autónoma de México

- Caverns and geotourism in Mexico; The case of the Cacahuamilpa Caves



COMMISSIONS

**room
B 10**

room
C 1



■ C12.18 Hazard and Risk

Land Use Change and Urban Flood 1

Chairpersons: *Hiroshi Shimazu, Jose Novoa*

Hiroshi Shimazu, Department of Geography, Rissho University

- Flash flood caused by a severe short-time downpour in highly urbanized Tokyo Metropolis

Jose Novoa, Department of Social Sciences, University of La Serena

- Geomorphological risk and maximum flow tendencies in climatic change context (semiarid Chile, South America)

Kamila Klemesova, Ivan Andrasko, Department of Geography, Faculty of Science, Masaryk University in Brno

- Spatial changes in the area as an effective flood protection in the Czech Republic

Anna Wojtowicz-Nowakowska, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Automatic classification of impervious surface areas on the basis of WorldView-2 images and LIDAR data

room
C 2



■ C12.29 Marginalization, Globalization, and Regional and Local Responses

Changing Nature of Globalization, Marginalization and Marginality: New Challenges for Understanding and Responding 3: Border and Rural Areas Socio-Economic Imprint of Marginality, Commuting, Emigration and Identity

Chairperson: *Stanko Pelc*

Tomas Havlicek, Charles University in Prague

- Selective development of peripheral region in Czechia and Austria in the post-industrial period

Marta Zorko, Ivan Sulc, Marko Kovacic

- (1) Faculty of Social Science, University of Zagreb
- (2) Department of Geography, Faculty of Science, University of Zagreb
- (3) Institute for Social Research in Zagreb

- Socio-spatial identities and dynamics in the Croatian borderland to Slovenia

Gabor Nagy, Erika Nagy, Centre for Economic and Regional Studies, Hungarian Academy of Sciences

- Global embedding as a response to socio-spatial marginality - Entrepreneurial strategies and the perceptions of well-being in the declining rural spaces of Hungary

Raghubir Chand, Department of Geography, Kumaun University Nainital

- Rural urban migration in Bhutan: A study in local and regional responses and marginalization

room
C 3



■ C12.25 Landscape Analysis and Landscape Planning

Landscape Analysis and Landscape Planning 3

Chairpersons: *Małgorzata Luc, Jacek Szmańda*

Małgorzata Luc (1), Jacek Szmańda (2)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Institute of Geography, Pedagogical University of Cracow

- Landscape management towards sustainability - Kraków quarries case

Rok Ciglic, Anton Melik Geographical Institute, Research Center of the Slovenian Academy of Sciences and Arts

- Determination of natural landscape types at local (municipality) level with machine learning and statistical methods

Peter Szilassi (1), Teodora Bata (1), Szabolcs Szabó (2), Zsolt Molnár (3), Balint Czúcz (3)

(1) Department of Physical Geography and Geoinformatics, University of Szeged

(2) Department of Physical Geography and Geoinformatics, University of Debrecen

(3) Institute of Ecology and Botany, Centre for Ecological Research, Hungarian Academy of Sciences

- Investigation the connection between the landscape pattern and naturalness of vegetation: A case study of Hungary

Christian Schneider, Institute for Geography, Leipzig University

- Evaluating traditional and modernized landscapes for sustainable agriculture. GIS and field methods to evaluate high productive landscapes from an ecological perspective

■ C12.18 Hazard and Risk

Anthropogenic Influence on Natural Hazards and Related Risks 1

Chairperson: *Sergey A. Sokratov*

Gregor Falk, Institute of Geography, University of Education Freiburg

- Increased vulnerability as a result of land use change and environmental degradation in coastal regions of Bangladesh

Sergey Govorushko, Pacific Geographical Institute, Far Eastern Branch, Russian Academy of Sciences, Far Eastern Federal University

- Global avalanches problem

Sergey Sokratov, Yury Seliverstov, Aleksandr Shnyparkov, Faculty of Geography, Natural Risk Assessment Laboratory, Lomonosov Moscow State University

- Anthropogenic pressure in mountain environment and related changes in snow avalanches and debris flows activity

Marek Degórski, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Impact of heavy road traffic on soil properties and human well-being

■ C12.34 Population Geography

Processes of Population Change and Migration 4

Chairpersons: *Jianfa Shen, Yu Zhu*

Lajos Boros, Viktor Pal, Department of Economic and Social Geography, University of Szeged

- The migration of health care professionals - the case of Hungary

Wojciech Janicki, University of Maria Curie-Skłodowska

- Replacement migration as a stimulant of growth of peripheral areas

Stacey Balsdon, Department of Geography, Loughborough University

- Intra and inter-migration(s) of students in university towns



room
C 4



room
C 5

Friday

room
C 6



■ C12.25 Landscape Analysis and Landscape Planning

Forest Landscapes and Society

Chairperson: *Urszula Somorowska*

Fernando Bernardes, Institute of Geography and Spatial Planning, University of Lisbon

- The landscape ecology according to geography: A proposal of tools for the analysis and management of the environment

Urszula Somorowska, Department of Hydrology, Faculty of Geography and Regional Studies, University of Warsaw

- Dynamic patterns of NDVI over the Biosphere Reserve Kampinos Forest, Poland: Vegetation and water relationships

Tadeusz Ciupa, Roman Suligowski, Grzegorz Wałek, Institute of Geography, Jan Kochanowski University in Kielce

- Morphological and soil conditions of forest cover changes in the Holy Cross Mts. (Central Poland) since 1800

Márton Kiss (1), Viktória Cseh (2), Eszter Tanács (1)

(1) Department of Climatology and Landscape Ecology, University of Szeged
(2) Department of Ecology, University of Szeged

- Carbon sequestration potential of floodplain forests in the Maros river valley (Hungary)

room
C 7

■ Thematic session:

Knowledge and Rurality: Creation, Transfer & Migration 1

Chairpersons: *Konrad Czapiewski, Krzysztof Janc*

Krzysztof Janc (1), Konrad Czapiewski (2)

(1) Institute of Geography and Regional Development, University of Wrocław
(2) Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Knowledge and education on rural areas

Eva Fekete, University of Miskolc

- Sources of knowledge for postmodern rural transformation

Mirosława Czerny (1), Andrzej Czerny (2)

(1) Faculty of Geography and Regional Studies, University of Warsaw
(2) Faculty of Earth Sciences and Spatial Management, University of Maria Curie-Skłodowska

- The knowledge and rural reality of peripheral regions. The case of Peruvian Sierra de Piura

Aleksandar Lukić, Petra Radeljak, Dane Pejnović, Department of Geography, Faculty of Science, University of Zagreb

- Know-how for local rural development: Knowledge and innovations in LEADER Local Development Strategies in Croatia

Magdalena Dej, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Scale and causes of population deconcentration in Poland in the years 1988-2011

■ C12.39 Urban Commission: Urban Challenges in a Complex World Dilemmas of Aging Cities 2

room
C 8

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Iwona Pielesiak, Mariusz Lamprecht, Department of Built Environment and Spatial Policy, University of Łódź

- Ageing and physical degradation of the city

Agnieszka Kwiatek-Sołtys (1), Helene Mainet (2)

(1) Institute of Geography, Pedagogical University of Cracow

(2) Universite Blaise Pascal

- Ageing processes versus quality of life of the elderly in small towns of France and Poland

Monika Płaziak, Department of Entrepreneurship and Spatial Management, Pedagogical University of Cracow; Polish Geographical Society

- Demographical, social and functional changes in the post socialist city on the example of Nowa Huta in globalization context

Agnieszka Brzosko-Sermak, Institute of Geography, Pedagogical University of Cracow

- How manage the future of border cities?

Katarzyna Gorczyca, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- The aging of the urban local communities - example of the large housing estates in Poland

■ C12.36 Toponymy

room
C 9

Geographical Aspects of Place Names: Naming Policies and Place-Names Use

Chairperson: *Yaïves Ferland*

Peter Jordan (1), Olivia Stummvoll (2)

(1) Institute of Urban and Regional Research, Austrian Academy of Sciences

(2) Institute of Geography and Regional Research, University of Vienna

- Commercial use of landscape and region names: The example of Austria

Sirkka Paikkala, Institute for the Languages of Finland

- Plain language and administrative names

Mohsen Dhieb, Laboratory SYFACTE, GEOMAGE Team, Departement of Geography - FLSH of SFAX, University of Sfax

- Enhancing the design of the toponymic information system of Tunisia

Andrew A. Herzen, Institute of Geography, Russian Academy of Sciences

- Ethno-political conflicts and toponymic heritage in the North-Western Black Sea region

10:45 am – 11:15 am COFFEE BREAK

room
A 1



C.12.33 Political Geography

Here, There, Everywhere: Social Movements Spatialising Dissent

Chairperson: **Valeria Pecorelli**

Renata Blumberg, University of Minnesota

- Reforming the common agricultural policy from below: Problems of Europeanization and the making of a transnational food sovereignty movement

Bianca Maria Mennini, Università di Milano-Bicocca

- In-between frame and life: Dwelling the geographical imaginary of lived spaces of political subjectivity

Naoki Oshiro, Department of Geography, Meiji University

- Pulling in a submerged geopolitical frame from Okinawan landscape

Koji Nakashima, Department of Geography, Kanazawa University

- Conditions of constructing peace: Some cases of the anti-base movements in Japan

Petr Jehlicka (1), *Nadia Johanisova* (2), *Eva Frankova* (2), *Petr Danek* (3)

(1) The Open University

(2) Department of Environmental Studies, Masaryk University

(3) Department of Geography, Masaryk University

- The unbearable rightness of sharing: Informal economic practices in post-socialist Central Europe

room
A 3

Special session: Looking for an international strategy for geography education

Discussion session organised by IGU, EUGEO and EUROGEO

room
A 4



C12.30 Mediterranean Basin

The Adriatic-Ionian Sea: Challenges in planning the future

Chairperson: **Anton Gosar**

Peter Jordan, Institute of Urban and Regional Research, Austrian Academy of Sciences

- The Adriatic Space: Reassuming the role of a central region?

Jan Wendt, *Marcin Połom*, University of Gdańsk

- Baltic Adriatic Transport Corridor - reality, perspectives and threats

Antonio Violante, Department of Cultural Heritage and Environment, University of Milan

- The new tourism in the Adriatic Montenegro

Anton Gosar, UPFTS - TURISTICA, University of Primorska

- The port of Koper in the development context of the Northern Adriatic

room
A 5



C12.33 Political Geography

European Integration 4: Processes of Europeanization

Chairpersons: **Virginie Mamadouh**, **Anna Casaglia**, **Jussi Laine**

Simona Epasto, Department of Cognitive Sciences, Educational and Cultural Studies, University of Messina

- Europe's banking union: a crucial moment of institutional change and political union

Tomasz Komornicki, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Historical and geopolitical factors of the Polish motorway network development

James Scott, University of Eastern Finland

- Geopolitical identities and the 'European Neighbourhood': Understanding the EU as a political actor from Ukrainian perspectives

Marta Zorko, Faculty of Social Science, University of Zagreb

- Croatian foreign policy towards third countries after EU membership - case studies on Turkey and Caucasus

■ C12.15 Geography of Tourism, Leisure, and Global Change

Tourism in Mountain Areas 2

Chairpersons: *Dieter Müller, Alison Gill*

Miłosz Jodłowski, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Climbing management in Europe as a tool in nature conservation

Joanna Hibner, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Tourist flow research methods for the Kasprowy Wierch mountain area (southern Poland)

Łukasz Quirini-Popławski, Institute of Geography, Pedagogical University of Cracow

- The development of the tourism function of the Eastern Beskidy Mountains

■ C12.08 Dynamics of Economic Spaces

Dynamics of Knowledge Sectors in the Post-Socialist Countries 2

Chairpersons: *René Matlovič, Piotr Pachura*

Piotr Pachura, Częstochowa University of Technology

- Toward cognitive strategy of knowledge sectors in Poland - a fuzzy cognitive map approach

Tomasz Rachwał, Department of Entrepreneurship and Spatial Management, Institute of Geography, Pedagogical University of Cracow

- The impact of economic transformation on spatial and structural changes of Polish industry in the era of knowledge-based economy

Danuta Piróg, Institute of Geography, Pedagogical University of Cracow

- Current facets of university-to-work transition in Poland: The example of geography graduates

Bartłomiej Patkowski, Institute of Geography, Pedagogical University of Cracow

- Market potential studies for selected innovative products (on the example of Poland)



COMMISSIONS

**room
A 6**


COMMISSIONS

**room
A 7**

room
A 8



■ C12.15 Geography of Tourism, Leisure, and Global Change / C12.33 Political Geography

Tourism and Political Borders 2

Chairpersons: *Marek Więckowski, Elena dell'Agnese*

Giuliano Bellezza, Sapienza University of Rome

- Poland and Italy 10 years after 2004: Good possibilities for tourism

Gideon Biger, Department of Geography and Human Environment, Tel Aviv University

- Boundary excursions in Israel

Dorina Buda, Department of Cultural Geography, University of Groningen

- Emotional performances in dark tourism

Valentin Yatsukhno (1), Elena Davydik (1), Henady Dudko (2)

(1) Faculty of Geography, Belarusian State University

(2) Belarusian Land Management Institute

- Transboundary nature protected areas forming as a tool of the development of regional collaboration and tourism (a case study Belarus-Lithuanian borderlands)

room
A 9



■ C12.15 Geography of Tourism, Leisure, and Global Change

Tourism and Regional Development (Perspectives on Tourism and Tourism Development)

Chairpersons: *Dieter K. Müller, Tim Coles*

Olga Liubitseva, Olena Motuzenko, Victoria Kiptenko, Faculty of Geography, Taras Shevchenko National University of Kyiv

- Geography as a driving force of tourism education in Ukraine

Stanislav Yerdavletov (1), Alexandr Artemyev (1), Gulzhan Aizholova (2), Kaniya Tursinbayeva (3), Danagul Mukatova (4)

(1) Department of Recreational Geography and Tourism, Al-Farabi Kazakh National University

(2) Faculty of Geography and Environment Management of Al-Farabi Kazakh National University

(3) O.A.Baikonyrov Zhezhkazgan University

(4) Abai Kazakh National Pedagogical University

- Development of science on tourism in Kazakhstan: High institutional aspect

Iuliia Blinova, Andrey Bredikhin, Department of Geomorphology and Paleogeography, Lomonosov Moscow State University

- Geomorphological sites as the foundation of tourism clusters

Pavlo Doan, Geography Faculty, Taras Shevchenko National University of Kyiv

- Sustainable development and local tourist systems:
Ukrainian perspective in eco-village network development

■ Thematic session:

Applying Geospatial Analysis Tools and Metrics for Urban Development Monitoring

Chairperson: *Maik Netzband*

Tomas Pour (1), Jaroslav Burian (1), Maik Netzband (2)

(1) Department of Geoinformatics, Palacky University in Olomouc

(2) Institute of Geography, Ruhr-University Bochum

- Advanced extraction of spatial information from high resolution satellite data

Maik Netzband, Ruhr-University Bochum

- Combining remote sensing and landscape metrics for urban development to monitor urban spatial variation: Examples from growing and shrinking regions

Cheng Guo, Nina Schwarz, Carsten Buchmann, Computational Landscape Ecology, Helmholtz Centre for Environmental Research – UFZ

- Patterns of population distribution and urban land use: A comprehensive indicator analysis of European cities

Amer Althubaity, Mohsen Dhieb, Mohamed Hafeed Hamza, Department of Geography and GIS, Faculty of Arts and Humanities, King Abdulaziz University

- Dasymetric mapping as a tool to assess the spatial distribution of population in the Jeddah city, Saudi Arabia: Methodology and implementation procedures

Xiaojun Yang (1), Libin Zhou (2), Liding Chen (3)

(1) Department of Geography, Florida State University

(2) Thomson Reuters Lanworth

(3) Research Center for Eco-Environmental Science, Chinese Academy of Sciences

- Spatial analysis of urban growth patterns using remote sensing and landscape metrics: A case study in Beijing Metropolitan Area

room
B 1

■ Thematic Session:

Teacher Education in Geography: Models, Practices, Challenges and Innovative Approaches 7

Chairpersons: *Eyüp Artvinli, Danuta Piróg*

Geok Chin Ivy Tan, Humanities and Social Studies Education, Nanyang Technological University

- Pre-service and in-service teacher education in geography in Singapore: Practices and challenges

Uwe Krause, Hans Palings, Department of Geography Education, Fontys University of Applied Sciences Tilburg

- Pedagogical network of geography teachers: A model for professional learning and learning at the workplace

Maria Martins, Faculty of Arts and Humanities, Department of Geography, University of Porto

- The initial training of geography teachers at the University of Porto. Model and training. Practices and representations

Kelly Kerrigan, Institute of Education, University of London

- Geography teacher reading the news: How to ensure case studies are up to date, whilst not ignoring our ever-changing world

room
B 2

Friday

room
B 3



C12.28 Local and Regional Development

Local and Regional Development: Project and Planning 2

Chairperson: *Peter Baklanov*

Fan Jie, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

- Major function oriented zone: New spatial planning approach and practices

Janis Balodis, Joint European Master in Comparative Local Development, Corvinus University of Budapest

- The localized learning and local entrepreneurship:
Case of Latvia's and Estonia's borderlands comparison

Benjamin Ofori-Amoah, Department of Geography, Western Michigan University

- Building capacity to use GIS in local government planning: Lessons from the Uganda Local Government GIS Project

Anna Szymańska, Monika Płaziak, Department of Entrepreneurship and Spatial Management, Pedagogical University of Cracow

- Importance of entrepreneurship and sales market in construction enterprises location in south-eastern Poland

room
B 4



C12.23 Karst

Environmental Change and Stewardship Responsibilities in Karst Regions 2

Chairpersons: *Elena Trofimova, Martin Trappe*

Huixia Li, Hongyi Zhou, Xinghu Wei, Department of Resources and Environment Science, Foshan University

- The impact of human activities on vegetation in karst area: A case study in northwest Guangxi of China

Jie Zhang, Li Ke, Jin-He Zhang, School of Geography, Nanjing University

- Cave tourism evolution revealed by calligraphic landscape in Guilin

Luiz Eduardo Panisset Travassos (1), Vania Kele Evangelista (2), Isabela Dalle Varela (3)

(1) Graduate Program in Geography, Pontifical Catholic University of Minas Gerais

(2) Federal Center for Technological Education of Minas Gerais

(3) Law School, Newton Paiva College and Promove College

- Protecting the environmentally protected area of the Lagoa Santa Karst through geotourism

Elena Trofimova, Department of Geomorphology, Institute of Geography, Russian Academy of Sciences

- Cave environmental changes: New approach to assessment

room
B 5



C12.11 Geographical Education

Changing Practices in Geography Education: Meeting the Challenges of the Future 7. Teaching Methods

Chairperson: *John Lidstone*

Rickie Sanders, Temple University

- Using photography to teach urban geography: Refining and extending previous work

Eva Svobodova, Alois Hynek, Department of Geography, Masaryk University in Brno

- Concept of sustainability in teaching and learning geography

Okkyong Yoon (1), Hyeonjin Kin (2), Jeonghye Han (3), Kwang Woo Nam (4)

(1) Department of Social Studies, Cheongju National University of Education

(2) Department of Education, Korea National University of Education

(3) Department of Computer Education, Cheongju National University of Education

(4) Department of Computer Information Engineering, Kusan National University

- Design of fieldtrip for community based environmental education

Małgorzata Pietrzak, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Transmedia learning as an innovative pedagogical approach to geography teacher training

■ C12.11 Geographical Education

Research Findings and Challenges in Geography Education 5: Geography Education Research

Chairperson: *Sarah Bednarz*

Clare Brooks, Institute of Education, University of London

- Knowing geography education's history: A review of masters level dissertation research since 1968

Peter Bagoly-Simó, Department of Geography Education, Humboldt-Universitaet zu Berlin

- Coordinates of research in geography education. A longitudinal analysis of research publications between 1900-2014 in international comparison

Simon Catling, School of Education, Oxford Brookes University

- Developing an international declaration on research in geography education

■ C12.10 Gender and Geography / C 12.35 Sustainability of Rural Systems

Food Chains and the 3 S (Sovereignty, Safety and Sustainability) 2

Chairpersons: *Ana Firmino, Ragnhild Lund, Marcella Schmidt di Friedberg*

Madlen Krone (1), Kim Schumacher (2), Peter Dannenberg (1)

(1) Institute of Geography, University of Cologne

(2) ISPA, University of Vechta

- Gender analysis of knowledge transfer in small-scale family farming: A case study in northeastern Tanzania

Ana Firmino, e-Geo, Research Center for Geography and Regional Planning, Universidade Nova de Lisboa

- The role of women in Portuguese family farms

Stefano Malatesta (1), Marcella Schmidt di Friedberg (2)

(1) Università di Milano-Bicocca

(2) Riccardo Massa Human Sciences for Education Department, Università di Milano-Bicocca

- The right place? Women as driver for a sustainable waste management on Faafu-Magoodhoo (Republic of Maldives)



COMMISSIONS

room
B 6

COMMISSIONS

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B 9

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B 10



■ C12.16 Geoparks

Geoparks 2

Chairperson: *Jose Luis Palacio*

Cheng-Hao Lu, Lee Ming Ju, National Penghu University of Science and Technology

- The geo-tourism planning in Penghu islands: A perspective of landscape evolution

Yukio Himiyama, Institute of Geography, Hokkaido University of Education

- Geopark as an instrument to enhance global understanding

Ales Smrekar, Mateja Smid Hribar, Jernej Tiran, Anton Melik Geographical Institute, Research Center of the Slovenian Academy of Sciences and Arts

- The environmental interpretation in the protected area in Slovenia

BUILDING C

Friday 22th August

11:15 am – 1 pm

room
C 1



■ C12.18 Hazard and Risk

Land Use Change and Urban Flood 2

Chairpersons: *Hiroshi Shimazu, Jose Novoa*

Bożena Degórska, Marek Degórski, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Adaptation of spatial development of big cities to climate change on example of Warsaw, opportunities and threats

Alvaro Gerardo Palacio-Aponte, Patricia Julio-Miranda, Valente Vazquez Solis, School of Social Sciences and Humanities, Autonomous University of San Luis Potosí

- Prevalent vulnerability to the occurrence of flash floods in the city of San Luis Potosi, Mexico

Marta Borowska-Stefańska, Faculty of Geographical Sciences, University of Łódź

- Land use on the areas exposed to floods in Łódź region

Adam Łajczak, Physical Geography Department, Pedagogical University of Cracow

- River training vs. flood risk in the Piedmont Section of the Vistula River, Poland

room
C 2



■ C12.29 Marginalization, Globalization, and Regional and Local Responses

Changing Nature of Globalization, Marginalization and Marginality: New Challenges for Understanding and Responding 4: Poverty, (Post)colonialism, Segregation and a Lack of Accessibility

Chairperson: *Stanko Pelc*

Justyna Weltrowska, Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in Poznań

- Extent of poverty in the EU countries

Tomasz Wites, Faculty of Geography and Regional Studies, University of Warsaw

- Relations between former colonial powers and developing countries from 1960 to 2009 in the context of the dependency and world-systems theories

Raularian Rusu, Titus Man, Sandu Ciprian Moldovan, Faculty of Geography, Babes-Bolyai University Cluj

- The impact of motorway building on the accessibility to marginal areas in the West Region of Romania

■ C12.18 Hazard and Risk

Adaptation and Governance for Future Climate Change and Disaster

Chairpersons: *Marek Degórski, Shigeko Haruyama*

Nsikan-George Eman, Project Area F, Biodiversity and Climate Research Centre

- Addressing procedural gaps in the formulation of climate change adaptation policy: Case study with the Nigeria adaptation policy

Kimoto Koichi (1), Arun Das (2), Venugopal VR (3)

(1) Department of Geography, Hiroshima Jogakuin University

(2) Department of Geography, University of Mysore

(3) Environmentalist, Emerald Enclave

- Comparative analysis of agriculture productivity and its relationship in the distribution of livestock as an indicator of desertification in Karnataka State, India

Sergey Dobrolyubov, Victor Arkhipkin, Vyacheslav Baburin, Alexander Kislov, Galina Surkova, Faculty of Geography, Lomonosov Moscow State University

- Storm activity in future climate and the assessment of socio-economic risks within Russian coastal zones

Vyacheslav Baburin (1), Sofia Gavrilova (1), Viktoriya Gryaznova (2), Veniamin Perov (2), Sergey Sokratov (1), Aleksandr Shnyparkov (1)

(1) Natural Risk Assessment Laboratory, Faculty of Geography, Lomonosov Moscow State University

(2) Laboratory of Snow Avalanches and Debris Flows, Faculty of Geography, Lomonosov Moscow State University

- Economic debris flow risk in the Northern Caucasus region

■ C12.18 Hazard and Risk

Anthropogenic Influence on Natural Hazards and Related Risks 2

Chairperson: *Sergey A. Sokratov*

Nikolay Kasimov, Sergey Chalov, Nikolay Alexeevsky, Lomonosov Moscow State University

- Water-related hazards along the Eastern border of Russia: Transboundary insight

Cedomir Crnogorac, Vesna Rajcevic, Goran Trbic, Faculty of Science, University of Banja Luka

- The influence of the water regime on the water quality of the rivers in urban areas

Artur Magnuszewski (1), Iwona Wagner (2), Maciej Zalewski (2)

(1) Hydrology Department, Faculty of Geography and Regional Studies, University of Warsaw

(2) European Regional Center for Ecohydrology under the auspices of UNESCO, Łódź

- Sulejów Reservoir eutrophication – how to quantify and solve the problem by ecohydrology approach?

Sergey Govorushko, Pacific Geographical Institute, Far Eastern Branch, Russian Academy of Sciences, Far Eastern Federal University

- Impact of ice jams on human activity



room
C 3



room
C 4

room
C 5



■ C12.34 Population Geography

Processes of Population Change and Migration 5

Chairpersons: *Jianfa Shen, Yu Zhu*

Vladimir Streletskiy, Department of Economic and Social Geography, Institute of Geography Russian Academy of Sciences

- Ethnic and cultural patterns of regionalism in Russia

Aleksandr Alekseev, Faculty of Geography, Lomonosov Moscow State University

- Changes in the functions of rural settlements in Central Russia

Darren Smith, Loughborough University

- Rural population change and gentrification

room
C 6



■ C12.18 Hazard and Risk

Disaster and Resilience 3

Chairpersons: *Shigeko Haruyama, Hiroshi Shimazu*

Jarosław Działek (1), *Wojciech Biernacki* (2), *Roman Konieczny* (3)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) University School of Physical Education in Kraków

(3) Institute of Meteorology and Water Management – National Research Institute of Poland

- Building resilient communities via online risk communication and education

Zsuzsanna Foldi, Annamaria Uzzoli, Centre for Economic and Regional Studies, Hungarian Academy of Sciences

- Social awareness of climate change related risks: Synthesis of pilot studies from Central and South East Europe

Dorota Rucińska, Faculty of Geography and Regional Studies, University of Warsaw

- Social vulnerability estimate and space scale analysis

Chun-Chieh Chi, Ethnic Relations and Culture, National Dong-Hwa University

- Post-disaster socio-cultural resilience among indigenous Taiwanese in Southern Taiwan

room
C 7

■ Thematic session:

Knowledge and Rurality: Creation, Transfer & Migration 2

Chairpersons: *Konrad Czapiewski, Krzysztof Janc*

Barbara Wieliczko, Institute of Agricultural and Food Economics, Department of Agricultural Finance

- Knowledge and agriculture: Agricultural policy as a catalyser for knowledge creation and transfer. Experiences of the EU and USA agricultural policies

Marcin Wójcik, Department of Regional and Social Geography, University of Łódź

- Looking for a new sense of 'place' – farmers, knowledge and rural transformations in Poland

Jesus Abraham Navarro Moreno, Ana Laura Gonzalez Alejo, Olga Correa Miranda, Institute of Geography, National Autonomous University of Mexico

- Methodological proposal for the identification of socio-economic reserves for agricultural production in Michoacán, Mexico

Marcin Mazur, Department of Rural Geography and Local Development, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Accessibility of rural areas to the major academic centres as a factor of education level - Polish case

Konrad Czapiewski (1), Krzysztof Janc (2)

(1) Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Institute of Geography and Regional Development, University of Wrocław

- Tacit or codified kinds of knowledge among Polish farmers

■ C12.39 Urban Commission: Urban Challenges in a Complex World Contested Social Spaces 2

Chairpersons: *Celine Rozenblat, Daniel O'Donoghue*

Carmen Bellet, Department of Geography and Sociology, Universitat de Lleida

- Activating urban voids: From alternative practices to specific public policies in some Spanish cities

Antonin Margier, Department of Geography, University of Paris Est

- Dispersal of marginalized people in urban public spaces. An explanation through residential domestication of banal public spaces

Kinga Xenia Havadi Nagy, Faculty of Geography, Babes-Bolyai University Cluj

- Landscape choreography: Space pioneers and citizens' participation in remodelling the common urban space of Cluj

Teresa Barata-Salgueiro, Amselmo Amilcar, Institute of Geography and Spatial Planning, University of Lisbon

- Public space appropriation in different neighborhoods

■ C12.36 Toponymy

Geographical Aspects of Place Names: Field Collection of Names and Names on Maps

Chairpersons: *Sungjae Choo*

Yelizaveta Milenina, Andriy Domaranskiy, Faculty of Geography, Kirovograd State Pedagogical University

- Forests of the Kirovograd Region: Space-toponym inventory and features

Bogusław Zagórski, Commission on Standardization of Geographical Names Outside the Republic of Poland

- An Ottoman Turkish map of Poland from the beginning of the 20th century. Study of toponymy

Riemer Reinsma

- Names in uninhabited areas: The case of the southern North Sea



COMMISSIONS

room
C 8

COMMISSIONS

room
C 9



Hyo Hyun Sung, Jisoo Kim, Hyo Jung Kim, Won Young Lee, Department of Social Studies Education, Ewha Womans University

- Distribution of undersea feature names based on the GEBCO Gazetteer (B8)

1 pm – 2 pm LUNCH BREAK

room
A5

1:30 pm – 3:30 pm Second Business meeting of the IGU Commission
12.11 Geographical Education

BUILDING B

Friday 22th August

2 pm – 3:30 pm

room
B0

Plenary panel session

3:30 pm – 4 pm COFFEE BREAK

4 pm – 6 pm CLOSING CEREMONY

Poster exhibition
Friday 22.08.2014

building
B



■ C12.04 Climatology

Climate modelling/GIS and remote sensing in atmospheric sciences

Elizaveta Tumenceva, Halina Eagle, East-Siberian State Academy of Education

- Climate and dangerous geomorphological processes in the Baikal region

Miguel Saz-Sánchez, Roberto Serrano-Notivoli, José María Cuadrat-Prats, Martín de Luis Arrillaga, Luis Alberto Longares-Aladrén, Ernesto Tejedor-Vargas, Edurne Martínez del Castillo, Klemen Novak, Department of Geography, University of Zaragoza

- Spatial precipitation trends in Aragon (Spain) on different climate change scenarios

Goran Trbic (1), Vladimir Djurdjevic (2)

(1) Department of Geography, Faculty of Science, University of Banja Luka
(2) Department of Meteorology, Physical Faculty, University of Belgrade

- The development of climate models and scenarios in Bosnia and Herzegovina

■ C12.04 Climatology

Climate Change and Variability in Different Spatial and Temporal Scales

Dominika Ciaranek, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Assessment of climate variability through the stability of the thermal weather types in Poland

Dagmar Novotna (1), *Milan Palus* (2)

(1) Department of Climatology, Institute of Atmospheric Physics, Academy of Science of the Czech Republic

(2) Institute of Computer Sciences, Czech Academy of Science

- Solar/geomagnetic activity and climate variability

Danuta Limanówka, *Robert Pyrc*, *Elżbieta Cebulak*, Institute of Meteorology and Water Management - National Research Institute of Poland

- The use of newly acquired „proxy data” for reconstruction of the climate of Poland

Grażyna Pluta, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Variability of cloud genera frequency on selected stations of the Southern Poland (1971-2000)

Monika Okoniewska, Institute of Geography, Kazimierz Wielki University

- Variability of climatic conditions in Poland in the second half of the 20th century



COMMISSIONS

■ C12.15 Geography of Tourism, Leisure, and Global Change

Tourism in Mountain Areas

Miłosz Jodłowski (1), *Jarosław Balon* (1), *Mikołaj Bielański* (2), *Edward Wlazło* (3), *Adrian Turkot* (1)

(1) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

(2) Faculty of Tourism and Leisure, University School of Physical Education in Kraków

(3) Tatra National Park

- Monitoring of the off-trail tourism in the Tatra National Park (Poland)



COMMISSIONS

■ C12.16 Geoparks

Justyna Warowna, *Grzegorz Gajek*, *Marian Harasimiuk*, *Wojciech Zglobicki*, *Waldemar Jezierski*, *Renata Kołodyńska-Gawrysiak*, *Leszek Gawrysiak*, Faculty of Earth Sciences and Spatial Management, Maria Curie-Skłodowska University

- Geological and geomorphological values of the proposed Malopolska Vistula River Gap Geopark



COMMISSIONS

■ C12.23 Karst

Environmental Change and Stewardship Responsibilities in Karst Regions

Xinghu Wei, *Gongcou Guan*, Research Center of Territorial Resource Environment and Tourism, Foshan University

- Impact of acid rain on the leaching of calcium ions in rendzina



COMMISSIONS

■ Thematic session:

Contemporary Urban and Regional Mobility Issues

Abdulkadir Muhammad, Department of Geography, Kano University of Science and Technology

- Distribution and ownership of means of transport in Rural Kano Region Nigeria

Moira Conway (1), Alison Conway (2)

(1) West Chester University of Pennsylvania

(2) City College of New York

- Hipsters, bikes and trucks: How gentrification has impacted transportation conflicts in Brooklyn

Carme Miralles-Guasch, Oriol Marquet Sarda, Geography Department, Universitat Autònoma Barcelona

- Is walkability for everyone? How social groups make different use of the local scale in Barcelona

Rodrigo Giraldo Cocco, Department of Geosciences, Federal University of Santa Catarina

- Relationships between public transportation and power pacts in Santa Catarina, Brazil: The interpretation about the facts of June, 2013 from the Marxist Theory of social formation

Chrysaida-Aliki Papadopoulou (1), Christos Dionelis (2), Maria Giaoutzi (1)

(1) Department of Geography and Regional Planning, National Technical University of Athens

(2) EU-TRANSPORT

- Scenarios for the development of Greek Railway System

Dariusz Brykała (1), Vitali Badziar (2)

(1) Institute of Geography and Spatial Organization, Polish Academy of Sciences

(2) Institute for Nature Management, National Academy of Sciences of Belarus

- Historical and present-day role of water canals linking the Vistula, Dnieper and Neman basins

Katarzyna Pukowiec (1), Wojciech Kurda (2)

(1) Faculty of Earth Sciences, University of Silesia

(2) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Couchsurfing as an example of new trends in tourism

Ivan Andráško, Jaroslav Biolek, Palacky University Olomouc

- Suburban environment and its study by means of mental maps

building
C



■ C12.25 Landscape Analysis and Landscape Planning

Landscape Analysis and Landscape Planning

Agnieszka Nowak, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Assessment of the environmental resilience based on regulating ecosystem services for spatial planning purposes on the local level

Ewelina Mocior, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Evaluation of landscape potential for educational purposes: The case of the city of Kraków and surrounding area

Karolina Listwan (1), Paweł Franczak (2)

(1) Faculty of Law and Administration, Jagiellonian University in Kraków

(2) Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- The Central Western Carpathians - as an example of influence of outdoor advertising on the degradation of a public space with a valuable landscape

Paweł Krąż, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Landscape typology for the purpose of the implementation of the European Landscape Convention – Malopolskie Province case study – southern Poland

Michał Jakiel, Anita Bernatek, Institute of Geography and Spatial Management, Jagiellonian University in Kraków

- Assessment of the ecological corridors network at local scale in the context of planned land use – a case study from NE Poland

Kinga Mazurek, Faculty of Earth Sciences, University of Silesia

- Transformation of the structure of the scenery in Bielszowice Stream catchment area (Upper Silesia, Poland) situated in the scope of intensive exploitation of hard bituminous coal

■ C12.25 Landscape Analysis and Landscape Planning Forest Landscapes and Society



Anna Kowalska, Ewa Kołaczowska, Department of Geoecology and Climatology, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Regeneration of forest communities in pine and mixed oak-pine forest habitats in Kampinos National Park - an example of Krzywa Góra forest division

Urszula Somorowska, Mateusz Ślęzek, Department of Hydrology, Faculty of Geography and Regional Studies, University of Warsaw

- Evapotranspiration of forest patches, grasslands and croplands across the mesoscale catchment in central Poland

■ C12.39 Urban Commission: Urban Challenges in a Complex World Contested Social Spaces



Wenzhong Zhang, Department of Economic Geography, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

- A spatial autocorrelation analysis of Beijing's residents' living distribution by groups

■ Thematic session:

Geomorphological Hazards in Different Morphoclimatic Zones: Magnitude and Frequency

Krzysztof Kiszka, Institute of Geography and Spatial Organization, Polish Academy of Sciences

- Dendrochronological study of the dynamic of L. Sawicki landslide in the Beskid Niski mountains (Polish Flysch Carpathians)

Piotr Kittel, Department of Geomorphology and Palaeogeography, Faculty of Geographical Sciences, University of Łódź

- Evolution of relief in Central Poland under the human impact in the Prehistory and Middle Ages

Jarosław Cebulski (1), Paweł Franczak (2), Rafał Krocak (3), Dominik Gargol (3), Julian Bożentka (3), Maciej Kędzierski (3), Anna Świątek (3), Dariusz Mikołajczyk (3), Grzegorz Wysmołek (3), Karol Witkowski (3), Monika Sajdak (2), Karolina Listwan (2)

- (1) Institute of Geography and Spatial Organization, Polish Academy of Sciences
- (2) Institute of Geography and Spatial Management, Jagiellonian University in Kraków
- (3) Institute of Geography, Pedagogical University of Cracow

- The influence of bedrock type and topography on sediment accumulation rates in landslide lakes/ponds in the Babia Góra Massif and Rożnów Foothills, southern Poland

- Ryszard J. Kaczka (1), Michał Lempa (1), Karolina Janecka (1), Zofia Rączkowska (2)*
(1) Faculty of Earth Sciences, University of Silesia
(2) Institute of Geography and Spatial Organization, Polish Academy of Sciences
- Tree-ring analyses of past snow avalanche activity in the Tatra Mountains

■ **Thematic session:**

Transition of Agricultural Landscape

- Jiao Huang (1), Monique Poulot-Moreau (2), Christine Aubry (3), Ségolène Darly (4), Caroline Petit (1)*
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■ **Thematic session:**

What is Geography: Debates and Definitions (The Seventh Session of the 'Lelevel Society' Research Group)

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- Evolution of the Geographic Environment and Contemporary Geography



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