

IGU Commission on the Dynamics of Economic Spaces

2018-2019 Report

A. Membership

1. Steering Committee:

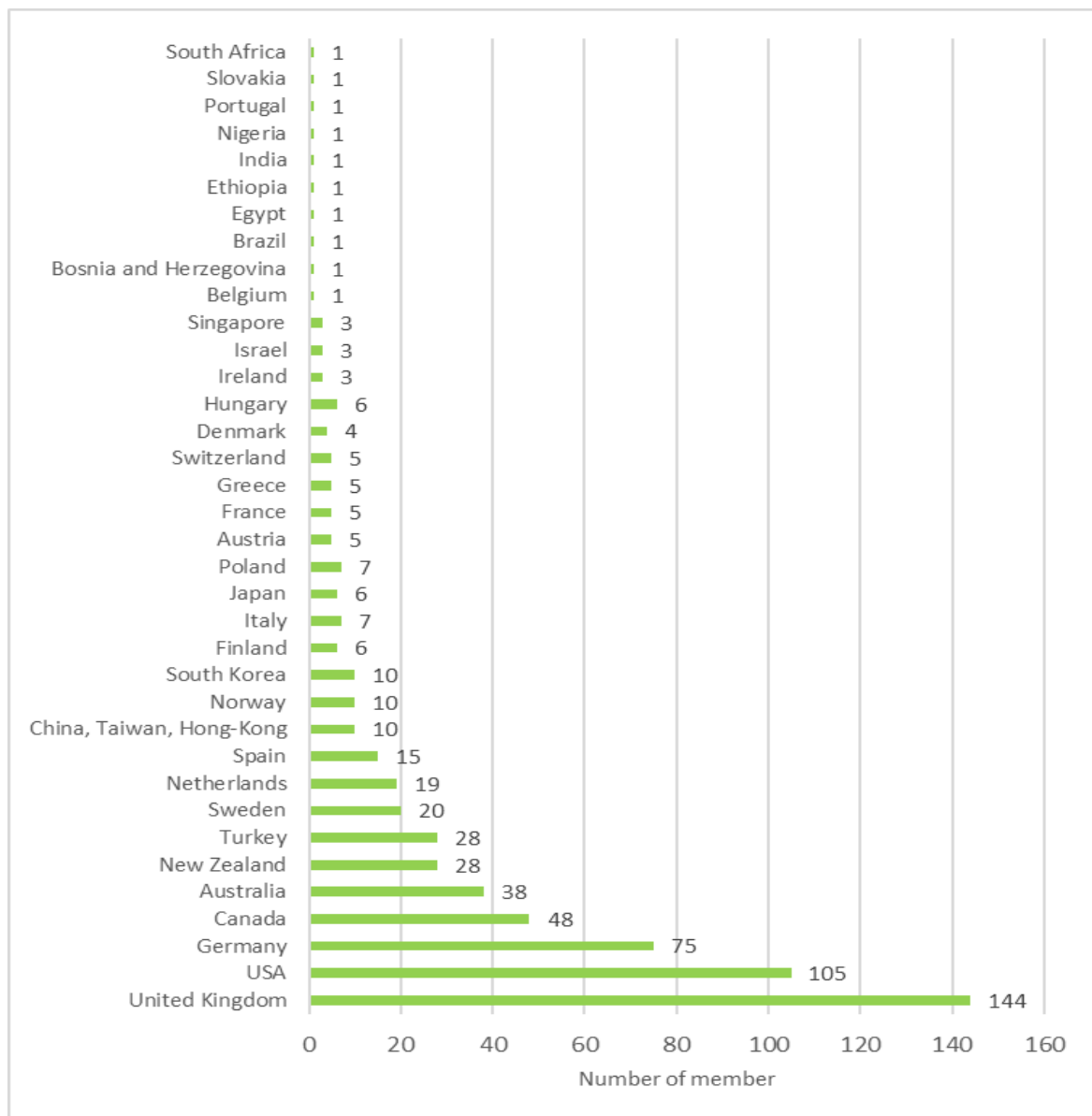
The Steering Committee of the IGU Commission on the Dynamics of Economic Spaces (CDES) consists of twelve members from different countries (Australia, Canada, Germany, Hungary, New Zealand, Norway, Poland, Singapore, Slovak Republic, The Netherlands, Turkey, US). The steering committee contains three women and nine men and has representatives from Europe, North America, Australia and Asia. The current members of the Steering Committee are listed as follows:

- **Chair:** Nuri Yavan, Ankara University, Faculty of Language, History and Geography, Department of Geography, Ankara, TURKEY. Email: nuri.yavan@ankara.edu.tr
- **Vice Chair:** Eva Kiss, Hungarian Academy of Sciences, Geographical Institute, Budapest, and West-Hungarian University, Faculty of Economics, Sopron, HUNGARY. Email: kiss.eva@csfk.mta.hu
- Niels Beerepoot, University of Amsterdam. Amsterdam Institute for Metropolitan and International Development Studies, Amsterdam, NETHERLANDS. Email: n.p.c.beerepoot@uva.nl
- Hege Knutsen, University of Oslo, Department of Sociology and Human Geography, Oslo, NORWAY. Email: h.m.knutsen@sosgeo.uio.no
- Rene Matlovic, University of Presov, Department of Geography and Regional Development, Presov, SLOVAK REPUBLIC. Email: rene.matlovic@unipo.sk
- Charles Mather, Memorial University of Newfoundland, Department of Geography, Newfoundland and Labrador, CANADA. Email: cmather@mun.ca
- Piotr Pachura, Czestochowa University of Technology, European Faculty of Engineering, Czestochowa, POLAND. Email: piotr.t.pachura@gmail.com
- Bill Pritchard, University of Sydney, School of Geosciences, Sydney, AUSTRALIA. Email: bill.pritchard@sydney.edu.au
- Neil Reid, The University of Toledo, Department of Geography and Planning, Toledo, Ohio USA. Email: neil.reid@utoledo.edu
- Michael Roche, Massey University, School of People, Environment and Planning, Palmerston North, NEW ZEALAND. Email: m.m.roche@massey.ac.nz
- Christine Tamásy, University of Greifswald, Institute for Geography and Geology, Greifswald, GERMANY. Email: christine.tamasy@uni-greifswald.de
- Henry Wai-chung Yeung, National University of Singapore, Department of Geography, Singapore, SINGAPORE. Email: henryyeung@nus.edu.sg

2. Commission Members:

The IGU Commission on the Dynamics of Economic Spaces (CDES) does not have a formal membership base. Our 'membership' list we use to distribute information consists of 625 active email addresses from all over the world (Figure 1). Although the commission currently has 36 member countries, half of the members (52%) are from United Kingdom (23%), USA (16.8%) and Germany (12%). When we add Canada (7.7%), Australia (6.1%) and New Zealand (4.5%) to this rate, 70.1% of the member are from Anglo-American countries (except Germany). In 2019, 19 new members joined the commission but half of them are from Turkey and the rest of them has been from Germany, Hungary, Poland, Canada, the United Kingdom and Italy. However, the representation of developing worlds such as South America, Africa and South Asia is still very low.

Figure 1: IGU Commission on the Dynamic of Economic Spaces Membership by Country (As of 31 December 2019)



B. Meetings

During 2018-2019 period, the Commission held in traditional annual mini conference on 2-4 October 2019 in Budapest, Hungary. The mini conference was organized by the Geographical Institute of Hungarian Academy of Sciences for three 3 days. 20 delegates from 12 universities in 7 countries were attended to the conference. The title of the conference held in Budapest, Hungary was "Rethinking Economic Geography in the Era of the Fourth Industrial Revolution: Manufacturing, Entrepreneurship, Employment and Industry 4.0". As mentioned above, 20 academics and experts in the field from USA, Germany, Poland, Italy, Bosnia and Herzegovina, Hungary and Turkey was participated the conference. The conference had two very interesting keynote speakers each day, who are experts in Industry 4.0. Invited speakers made their presentations that talked about the latest developments, problems and solutions in the field of Industry 4.0. As always, the conference ended with a technical field trip to the Suzuki automobile factory and Kirchhoff automotive supply industry plant in the organized industrial zone in Esztergom, Hungary (See Photo in Annex).

The conference was held under four session (plus two plenary sessions) on the following themes:

- Industrial Space and Industry 4.0
- Branches and Employment in The Age of Industry 4.0
- Regions, Cities and Smart Specialization
- Transportation and Automotive Industry in The Fourth Industrial Revolution

During the conference, presenters aimed to contribute to the increasing debate on Industry 4.0 and its wider relations and implications in the context of in the Fourth Industrial Revolution from an *Economic Geography* perspective. In this context, delegates analyzed and discussed one of the most important trends in the world economy, which is called the industrial revolution of the 21st century, also called Industry 4.0. Overall, during the conference, the following topics were particularly emphasized and opened for discussion:

- 9 new technological developments (Artificial Intelligence, Augmented Reality, Internet of Things, Horizontal and Vertical Integration, Additive Manufacturing, Machine Learning, Cyber Security, Smart-Learning Robots, Big Data, Cloud Computing) that form the basis of Industry 4.0 led by Germany discussed in the framework of the conference.
- In particular, the effects and consequences of these 9 Industry 4.0 technologies on manufacturing industry, employment, innovation and entrepreneurship, regional development and inequalities were analyzed.
- Institutional and political awareness of Industry 4.0 in the country and its place in the development plan and industrial policy process,
- How existing industrial areas and new industrial spaces in urban areas will be affected by industry 4.0,
- The compatibility of production technologies of local products with industry 4.0 and their relations with digital production technologies,
- Geographical or spatial imbalances and their effects caused by digitalization,
- Effects and consequences of industry 4.0 in the automotive industry and transportation.

Further planned meetings:

- 34th IGU International Geographical Congress 2020, Istanbul, Turkey, 17-21 August 2020.
- IGU CDES Mini-Conference on Coastal Transitions: Blue Economy, New Haven, Connecticut, USA, 4-8 November, 2020, jointly organized by Liverpool John Moores University, Southern Connecticut State University and MIC University of Limerick.
- IGU CDES Mini-Conference on Investment Risks, Environmental Risks and Risks in Global Production Networks, University of Osnabruck, Osnabruck, Germany, June, 2021.
- 6th Global Conference on Economic Geography, 22-25 June 2021, Dublin, Ireland.
- IGU Regional Conference, Paris, France. 18-22 July, 2022.

C. Networking

The IGU CDES did not engage in any collaboration with other IGU Commissions and Task Forces as well as collaboration with other international, intergovernmental, and inter- and multi-disciplinary groups in 2018-2019.

During 2018-2019, the CDES had no cooperative efforts with either the International Social Science Council (ISSC) or the International Council for Science (ICSU) and International Council for Philosophy and Human Sciences (CIPSH) programs.

D. Publications

1. Regular Publications:

Since long time, CDES has a very good reputation in publishing edited book and special issues in international peer-reviewed journals. CDES conferences typically result in the publication of one edited book (sometimes two) that is published as part of Routledge's (formerly Ashgate) *Dynamics of Economic Spaces* series. The Commission has already published more than 18 edited books in the series.

In 2018, CDES has renewed its contract with Routledge to publish Commission's series of *Dynamics of Economic Spaces*. Thus, now CDES has continued its very successful publishing relationship with Routledge Publishers. The book series is entitled *The Dynamics of Economic Space* (see <https://www.routledge.com/The-Dynamics-of-Economic-Space/book-series/ASHSER1030>) and the Chair of the Commission serves as the Series Editor.

In 2019, one book was published in the book series of the Commission although this book is not an outcome of the direct activity of the commission, actually collaborated with and supported by the commission.

Citation of the book are following:

- Baqir, F., Banerjee, N., & Yaya, S. (Eds.). (2019). *Better Spending for Localizing Global Sustainable Development Goals: Examples from the Field*. Routledge: New York.

Another book that will be published soon in June 2020 in the book series of the Commission is following:

- Pezzi, M. G., Faggian, A., & Reid, N. (2020). *Agritourism, Wine Tourism, and Craft Beer Tourism: Local Responses to Peripherality Through Tourism Niches*. London: Routledge.

Last book is forthcoming as outcome of the previous year commission conference. Citation of the book is following:

- Kratzer, A.; Kister, J. & Zirkl, F. (Eds.). (Forthcoming). *Rural-Urban Linkages for Sustainable Development*, Routledge: London.

TABLE OF CONTENT OF THE FORTHCOMING BOOK

A Rural–urban linkages for sustainable development – an introduction

Armin Kratzer, Jutta Kister, Frank Zirkl

B Transitions, transformation and rural-urban linkages

- Rural-urban linkages, agri-food sustainability, ethics and the circular economy
Damian Maye
- Agribusiness, rural-urban relations and social-ecological transformation: The case of the Sinop region in Northern Mato
Grosso Martin Coy, Tobias Töpfer & Frank Zirkl
- The Challenges Posed by UN-Habitat's Rural-Urban Linkages in a Sustainability Transition Agenda: The Case of the Christchurch, New Zealand Rebuild
Gordon M. Winder & Sahar Hofmann

C Rural-urban differences

- Rural-Urban differences in online shopping of second-hand goods. The case of Dutch people on Marktplaats
Joris Galema and Eveline van Leeuwen
- Urban and rural labour markets in Andalusia: are they so different?
Mercedes Rodríguez, José A. Camacho and Jesús Molina
- Regional Wage Disparities and Air Quality Deterioration – Evidence from China
Zhanhan Yu
- What kind of space matters in urban – rural heterogeneity? Managing space in organizational entrepreneurship
Piotr Pachura

D Rural-urban linkages and their impacts

- The rise of craft beer and its impact on demand for local hops
Neil Reid, Paul D. Gottlieb, Elizabeth Dobis, Stephan J. Goetz, Anil Hira
- Development of Alternative Food Networks in the Peri-Urban Areas of Istanbul
Senem Kozaman, Ebru Seçkin
- Role of Rural-Urban Linkages in Local Development: A Comparative Study on Two Rural Settlements in Bangladesh
Zakir Hossain, Abu Sayed & Ashiq Ur-Rahman

E Governance and rural-urban linkages

- 'Smart Region' as governance for innovation: Cooperative approaches in Hamburg-Southern Elbe region
Galya Vladova & Jörg Knieling
- A critical analysis of rural tourism policy: Niksar-Çamiçi plateau secondary residential area (Turkey)
Fadim Yavuz & Rahman Öncüler
- How do beneficiaries perform rurality and how does it become economy-dependent?
Marcin Wójcik & Oskar Wolski

F Conclusion

Armin Kratzer, Jutta Kister, Frank Zirkl

For the outputs of the conference held this year, two publications are planned, one in the edited book as usual and the other in the special issue in the journal. While the articles selected from the presented studies are planned to be published as an edited book in the series of the commission in 2021, another publication possibility for the selected papers are planned to be published as the special issue of a peer-reviewed journal of Hungarian Geographical Bulletin in July 2020.

2. Commission website:

The commission's current website is accessible under the following address:

<http://igu-cdes.ankara.edu.tr/>

The Commission has also established a Facebook group, which is titled "IGU Commission on the Dynamics of Economic Spaces". To become a member, it is necessary to join Facebook and then click on the Like button. The group page is located at the following link:

<https://www.facebook.com/IGU-Commission-on-the-Dynamics-of-Economic-Spaces-374636672551632/>

E. Archival Contributions

CDES has not provided any archival materials available but would be willing to do so.

Annex

Photo 1: Some of the participants of the IGU CDES conference in Budapest, Hungary, 2-4 October 2019.



Photo 2: A discussion in one of the session of the IGU CDES conference moderated by the Commission Chair in Budapest, Hungary, 2-4 October 2019.



Photo 3: One of the keynote speaker of the IGU CDES conference in Budapest, Hungary, 2-4 October 2019.



Photo 4: One of the social events of the IGU CDES conference, in Budapest, Hungary, 2-4 October 2019



Photo 5 and 6: Two of the presentations of the IGU CDES conference in Budapest, Hungary, 2-4 October 2019

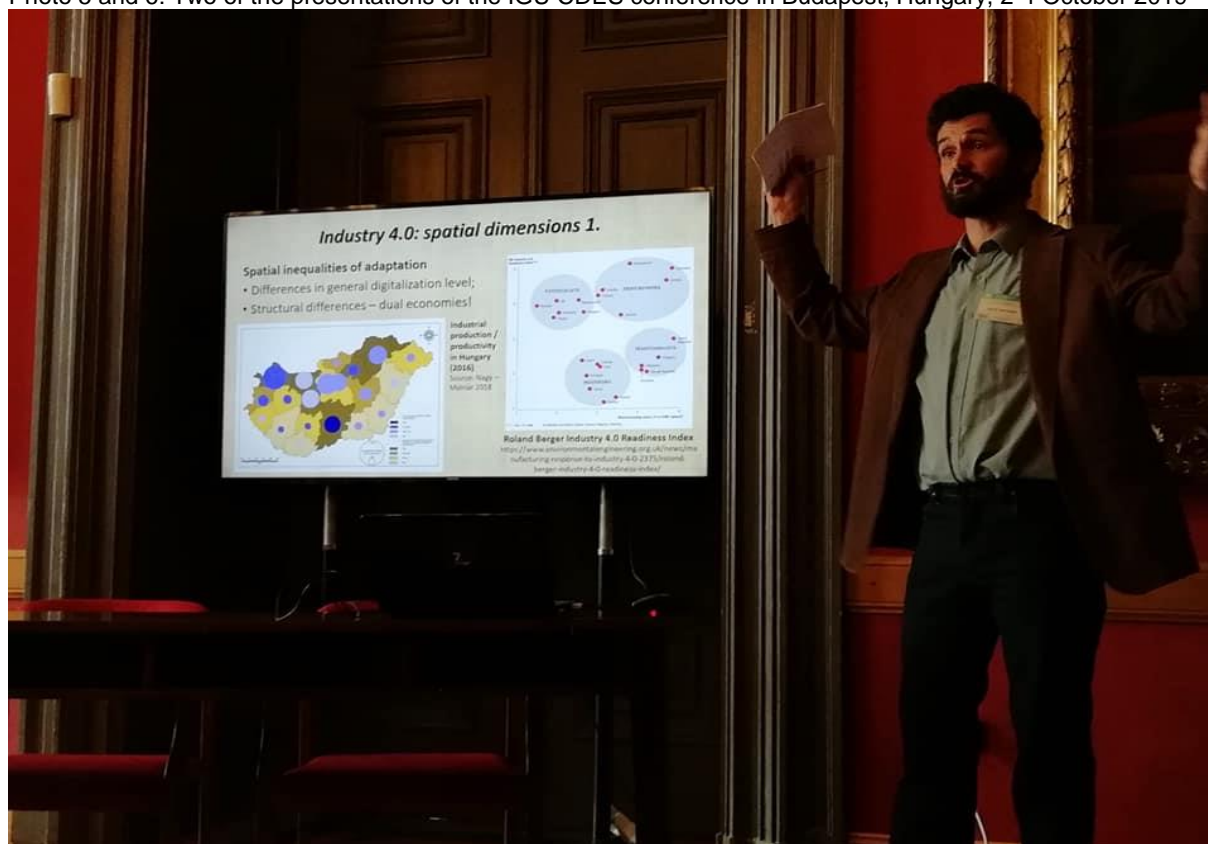


Photo 7 and 8: Field trip to Esztergom town and Suzuki car factory at the end of the IGU CDES conference in Budapest, Hungary, 2-4 October 2019

