



OVERVIEW PROGRAM

Programme Overview

Monday, April 8		Tuesday, April 9		Wednesday, April 10		Thursday, April 11	
Registration desk [08:00-08:30 Main Hall]		Registration desk [08:00-08:30 Main Hall]		Registration desk [08:00-08:30 Main Hall]		Registration desk [08:00-08:30 Main Hall]	
		Parallel session 2 [08:30-10:30]		Parallel session 5 [08:30-10:30]		Parallel session 8 [08:30-10:30]	
		COFFEE BREAK [10:30-11:30]		COFFEE BREAK [10:30-11:30]		COFFEE BREAK [10:30-11:30]	
		Parallel session 3 [11:00-13:00]		Parallel session 6 [11:00-13:00]		Parallel session 9 [11:00-13:00]	
OPENING CEREMONY & PLENARY SESSION I Keynote speech: Sarah A. Low <i>Engagement and Collaboration: Community-framed research for rural resiliency in the face of climate change</i> Balázs Lengyel <i>Small worlds of regional development</i> [13:00-15:30 Auditorium]		LUNCH [13:00-14:00]	LRPC of the RSAI meeting [13:00-14:00]	LUNCH [13:00-14:00]	RSAI Council meeting [13:00-14:00]	LUNCH [13:00-14:00]	
		PLENARY SESSION II Keynote speech: Eduardo Haddad <i>Modeling Spatial and Economic Impacts of Disasters</i> [14:00-15:30 Auditorium]		PLENARY SESSION III Keynote speech: Hee-Jung Jun <i>Urban Housing Development in Korea from a Comparative Perspective</i> [14:00-15:30 Auditorium]		PLENARY SESSION IV Keynote speech: Özge Öner <i>Mapping the Divide: Navigating the Microgeography and Geography of Polarisation and Discontent</i> [14:00-15:30 Auditorium]	
COFFEE BREAK [15:30-16:00]		COFFEE BREAK [15:30-16:00]		COFFEE BREAK [15:30-16:00]		COFFEE BREAK [15:30-16:00]	
OECD Policy Session <i>Shrinking Smartly – Managing Population Decline in Cities and Regions</i> [16:00-18:00 Auditorium]	Parallel session 1 [16:00-18:00]	DG Regio Policy Session <i>Cohesion Policy's contribution for solving legal obstacles in Cross-Border regions</i> [16:00-18:00 Auditorium]	Parallel session 4 [16:00-18:00]	OECD-JRC Policy Session <i>Novelties in data, novelties in methods: What's new, what's next</i> [16:00-18:00 Auditorium]	Parallel session 7 [16:00-18:00]	CLOSING CEREMONY [16:00-18:00 Auditorium]	
Welcome Reception [18:00-19:00 University Main Hall]		Job Market Session <i>Working for international institutions</i> [18:00-19:00]					
				GALA DINNER [19:00-22:00 Four Points By Sheraton Kecskemét Hotel]			

Overview Parallel Sessions

Ground Floor			First Floor			Second Floor		
Room 0.23	Room 0.24	Room 0.51	Room 1.14	Room 1.15	Room 1.45	Room 2.09	Room 2.10	Room 2.41
Monday, April 8 [16:00-18:00] Parallel session 1								
SS14 Sustainable Rural Development and Agricultural Resilience in a Globalized Landscape	RS10.1 Regional development	SS24 300 years of Alföld and modernization. The history of Budapest as a function of innovations	RS18 Resilience and Risk Management	SS18 Regional and urban innovation ecosystem by Industry 4.0 & 5.0	SS10 Regional Development and Sustainable Peace	RS08 Real estate and housing	RS04 Local finance	RS17 Globalization and territorial intelligence
Tuesday, April 9 [08:30-10:30] Parallel session 2								
SS02.1 Creating Shared Value (CSV) for Sustainable Regional Development	RS02.1 Infrastructure, transportation and accessibility	SS06.1 Cities and climate change	RS21 Agriculture, fisheries and food security	RS03.1 Knowledge and innovation	SS04.1 A New Toolbox for Novel Research in Regional, Urban and Spatial Studies	RS09.1 Regional and urban policy	RS11.1 Rural development	RS07.1 Migration and regional labor markets
Tuesday, April 9 [11:00-13:00] Parallel session 3								
SS02.2 Creating Shared Value (CSV) for Sustainable Regional Development	RS02.2 Infrastructure, transportation and accessibility	SS06.2 Cities and climate change	RS10.2 Regional development	RS03.2 Knowledge and innovation	SS04.2 A New Toolbox for Novel Research in Regional, Urban and Spatial Studies	RS09.2 Regional and urban policy	RS11.2 Rural development	RS07.2 Migration and regional labor markets
Tuesday, April 9 [16:00-18:00] Parallel session 4								
		SS06.3 Cities and climate change	RS10.3 Regional development	RS09.3 Regional and urban policy	SS04.3 A New Toolbox for Novel Research in Regional, Urban and Spatial Studies	RS11.3 Rural development	RS07.3 Migration and regional labor markets	RS03.3 Knowledge and innovation
Wednesday, April 10 [08:30-10:30] Parallel session 5								
SS09.1 Borders and Borderlands – Local, Regional, and Geopolitical Aspects	SS08.1 Territorial disparities defined along rural-urban axes	SS16.1 Global Value Chains restructuring, regional dynamics and inequalities	SS03 Regional Development and Integration in Eurasia in the Belt and Road Era	RS10.4 Regional development	RS03.4 Knowledge and innovation	RS06.1 Methods in Regional Science and Urban Economics	RS14.1 The spatial dimension of sustainable development	RS09.4 Regional and urban policy

Ground Floor			First Floor			Second Floor		
Room 0.23	Room 0.24	Room 0.51	Room 1.14	Room 1.15	Room 1.45	Room 2.09	Room 2.10	Room 2.41
Wednesday, April 10 [11:00-13:00] Parallel session 6								
SS09.2 Borders and Borderlands – Local, Regional, and Geopolitical Aspects	SS08.2 Territorial disparities defined along rural-urban axes	SS16.2 Global Value Chains restructuring, regional dynamics and inequalities	RS10.5 Regional development	RS03.5 Knowledge and innovation	SS17 Towards local development through a sustainable valorization of cultural heritage: the role of tourism	RS14.2 The spatial dimension of sustainable development	RS09.5 Regional and urban policy	RS06.2 Methods in Regional Science and Urban Economics
Wednesday, April 10 [16:00-18:00] Parallel session 7								
SS09.3 Borders and Borderlands – Local, Regional, and Geopolitical Aspects	SS11 Spatial use and tourism-related mobility in the light of Industry 4.0	SS20 The promise of transitions via innovation for sustainable regional development	SS08.3 Territorial disparities defined along rural-urban axes	RS03.6 Knowledge and innovation	RS14.3 The spatial dimension of sustainable development	RS09.6 Regional and urban policy	RS06.3 Methods in Regional Science and Urban Economics	RS10.6 Regional development
Thursday, April 11 [08:30-10:30] Parallel session 8								
RS12.1 Spatial implications of climate and environmental change	SS12 Creative cities and regions in Europe	SS05.1 EU Cohesion Policy in the age of permacrisis. Embracing resilience, transition and growth	SS22 Poverty and social exclusion in the peripheries	RS10.7 Regional development	SS01 The spatial, regional and urban dimensions of circular economy	RS19.1 Green economy and complexity of socio-ecosystems	RS15.1 Theoretical and empirical urban economics	RS16.1 Tourism
Thursday, April 11 [11:00-13:00] Parallel session 9								
SS15 Methodological challenges of statistics	SS13 Ethnic issues in a regional context: the phenomenon, problematic and manifestations of ethno regionalism	SS05.2 EU Cohesion Policy in the age of permacrisis. Embracing resilience, transition and growth	RS19.2 Green economy and complexity of socio-ecosystems	RS16.2 Tourism	RS12.2 Spatial implications of climate and environmental change			RS15.2 Theoretical and empirical urban economics

DAY BY DAY PROGRAMME

Presenting authors
are underlined

Monday, 8 April 2024

Special Session on “Highlights of Regional Science in Ukraine”

10:00-12:00 Monday, 8 April 2024

Room Kopátsy Sándor (0.51)

Chair **András Molnár**

- 26 **Housing challenges for Ukrainian refugees: a comparative analysis of Vienna and Lviv**
[Solomiia Tkach](#)
 Dolishniy Institute of Regional Research of National Academy of Science of Ukraine, Ukraine
- 209 **Universities as Regional Leaders for Sustainable Energy and Climate EU-Harmonized Policies**
[Maksym Karpash](#)¹, [Andriy Yavorskiy](#)², [Ihor Rybitskiy](#)¹, [Liubomyr Zhovtulia](#)², [Vitalii Tsykh](#)¹
¹King Danylo University, Ukraine. ²Ivano-Frankivsk National Technical University of Oil and Gas, Ukraine
- 210 **Post-War Recovery Strategy in Ukraine: a Sustainable Development Prospect**
[Ruslan Biloskurskyi](#), [Andrii Verstiak](#)
 Yuriy Fedkovych Chernivtsi National University, Ukraine
- 223 **Strengthening the Financial Capacity of Local Governments as Regards the Recovery of Sustainable Regional Development: An Empirical Case of Ukraine**
[Andrii Buriachenko](#)¹, [Hanna Kotina](#)^{2,3}, [Maryna Stepura](#)^{2,3}
¹Head of the Department of Finance named after Viktor Fedosov, Ukraine. ²Department of Finance named after Viktor Fedosov, Ukraine. ³Guest Scientist, Professorship in Federal and Regional Financial Relations, University of Bremen, Germany

OPENING CEREMONY

13:00 - 13:30 Monday, 8 April 2024

Auditorium (1.06)

Welcome Speeches



Hans Westlund
President, Regional Science Association International



Andrea Caragliu
Executive Director, Regional Science Association International



Roberta Capello
President, European Regional Science Association



Ilona Pálné Kovács
President, Hungarian Regional Science Association



Klaudia Szemerey-Pataki
Mayor, Kecskemét City



Norbert Csizmadia
Chairman, John von Neumann University Foundation Board



Tamás Fülöp
Rector, John von Neumann University



Balázs Forman
Chair, Local Organasing Committee



József Kárpáti
Chair, Local Organasing Committee

PLENARY SESSION I

13:30 - 15:30 Monday, 8 April 2024

Auditorium 1.06

Keynote Speech



Engagement and Collaboration: Community-framed research for rural resiliency in the face of climate change

Sarah A. Low

University of Illinois Urbana-Champaign, USA
NARSC



Small worlds of regional development

Balázs Lengyel

ELKH Centre for Economic and Reg. Studies, Hungary
ERSA

OECD Policy Session

16:00-18:00 Monday, 8 April 2024

Auditorium (1.06)



Shrinking Smartly – Managing Population Decline in Cities and Regions



Chair:

Rudiger Ahrend

Head of the Economic Analysis, Data and Statistics Division in the OECD

Panelists:



Jae Beum Cho

Economist and Policy Analyst at OECD



Andrea Conte

Team Leader / Economist at European Commission - Joint Research Centre



Josefina Syssner

Centre for Local Government Studies, Linköping University



Anne Goujon

IIASA Population and Just Societies Program Director

PARALLEL SESSIONS (1)

16:00-18:00 Monday, 8 April 2024

SS14.1 Sustainable Rural Development and Agricultural Resilience in a Globalized Landscape

16:00-18:00 Monday, 8 April 2024

Room Kodály Zoltán (0.23)

Chair **Nóra Gombkötő**

- 131 **Environmental, Social and Economic Dimensions of Community Supported Agriculture**
Nóra Gombkötő
Széchenyi István University, Hungary
- 191 **Ecological Feminist Analysis of Sustainable Development in Rural Tourism Economy – A Pilot Study of Hot Spring Village in Shanxi, China**
Dan Liang
Xinzhou Normal University, China
- 244 **The transformation of a rural area into a functional urban area through a Hungarian example**
Andrea Pozsgai
Széchenyi István University, Hungary
- 380 **The role of Rural Development in Development Policy**
Pál Goda^{1,2}, Katalin Mezei²
¹Institute of Agricultural Economics, Hungary. ²Széchenyi István University Albert Kázmér Faculty of Mosonmagyaróvár, Hungary
- 396 **The Impact of Széchenyi István University on the Economic and Social Development of the Transdanubian Region**
Eszter Lukács
Vice-President for International Affairs and Strategic Relations, Széchenyi István University, Győr, Hungary

RS10.1 Regional development

16:00-18:00 Monday, 8 April 2024

Room Horváth Gyula (0.24)

Chair **Hongming Zhang**

- 6 **Analyzing the Nexus between Cluster Theory and Regional Development: A Case Study of the Bridal Industry in Izmir, Turkey**
Cihan Mert Sabah
Istanbul Technical University, Turkey
- 21 **Revitalizing Post-Earthquake Urban Landscapes: A Creative Economy Approach to Sustainable Regional Economic Growth in Eleven Turkish Provinces**
Mehmet Ronael
Istanbul Technical University, Turkey
- 137 **Mines, fields, or classrooms: Effects of primary activities agglomeration on local human capital accumulation**
Kenneth Castillo-Hidalgo
Universitat Autònoma de Barcelona, Spain. Universidad de Antofagasta, Chile
- 314 **Disentangling Urban Network Externalities: A Juxtaposition of Central Place Theory and Central Flow Theory**
Hongming Zhang, Tieshan Sun
Peking University, China

SS24 300 years of Alföld and modernization. The history of Budapest as a function of innovations

16:00-18:00 Monday, 8 April 2024

Room Kopátsy Sándor (0.51)

Chair **Balázs Forman**

360 Budapest 150

[Anna Abraham](#)^{1,2}, [Adel Hogye](#)¹

¹NJE, Hungary. ²ELTE, Hungary

387 Social perception of the process of demographic shrinkage in one of Hungary's underdeveloped, inner peripheral rural regions – Case study Greater Cumania

[Tibor Kovács](#)¹, [Csaba Ruszkai](#)², [Mária Vasvári](#)³

¹Municipality of Kisújszállás, Hungary. ²Eszterházy Károly Catholic University, Hungary. ³Debrecen University, Hungary

395 Questions of social sustainability in an inner peripheral rural Hungarian region in the light of talent geography research

[Tibor Kovács](#)¹, [Szabolcs Mátyás](#)²

¹Municipality of Kisújszállás, Hungary. ²National University of Public Service, Hungary

RS18 Resilience and Risk Management

16:00-18:00 Monday, 8 April 2024

Room Bartók Béla (1.14)

Chair **András Igari**

84 Spatio-temporal diffusion of COVID-19 vaccines in Europe and their role in control of the pandemic

[András Igari](#)

ELTE Eötvös Loránd University, Institute of Geography and Earth Sciences, Department of Regional Science, Budapest, Hungary. HÉTFA Research Institute, Budapest, Hungary

117 An Analysis of China's Aluminium Ores and Concentrates Import Dependence Risk and Optimization of Layout

[Yu Wang](#)^{1,2}, [Jingjing Yan](#)^{1,2}, [Ziyao An](#)^{1,2}, [Zhangyang Li](#)^{1,2}

¹School of Economics and Management, China University of Geosciences Beijing, China. ²Key Laboratory of Carrying Capacity Assessment for Resource and Environment, Ministry of Natural Resources, China

184 Rethinking social resilience – New approach and measurement concept

[Balázs Mahler](#)

University of Sopron, Hungary

275 A Novel Study on “SOULFUL” in “Information and Business Driven”: List of 2020's Pandemic Data for Class; “General and Unification Phenomenon”, Japan

[Hayama Kazuyoshi](#)

Japan, Japan

SS18 Regional and urban innovation ecosystem by Industry 4.0 & 5.0

16:00-18:00 Monday, 8 April 2024

Room Rechnitzer János (1.15)

Chair **Tamás Gyulai**

116 Regional innovation ecosystem, urban development, Industry 5.0 –Learning Factory as an enabler

Tamás Gyulai^{1,2}, **Péter Wolf**³, **Ferenc Kása**⁴, **Zsolt János Viharos**^{5,6}

¹IQ Kecskemét Industrial Research, Hungary. ²Széchenyi István University, Hungary. ³Pest County Municipality, Hungary.

⁴Neumann Technology Platform, Hungary. ⁵John von Neumann University, Hungary. ⁶Institute for Computer Science and

Control (SZTAKI), Centre of Excellence in Production Informatics and Control, Hungarian Research Network (HUN-REN),

Centre of Excellence of the Hungarian Academy of Sciences (MTA), Hungary

266 The Urban Industrial Landscape: How Digital Advancements Reshape Location Choices

Jeong-Il Park

Keimyung University, Korea, Republic of

292 Digital Entrepreneurship Ecosystem in the Central Eastern European countries in the 2017-2019 time period

László Szerb¹, **Enikő Czigler**¹, **Gergely Horváth**²

¹University of Pécs, Faculty of Business and Economics, Hungary. ²The Global Entrepreneurship and Development Institute, Hungary

SS10 Regional Development and Sustainable Peace 16:00-18:00 Monday, 8 April 2024

Room Csatári Bálint (1.45)

Chair **Tomaz Ponce Dentinho**

149 Water for peace: The importance of water and the regional dimension of water-related conflicts

Zoltán Ködmön

Széchenyi István University, Hungary

225 Natural Disasters, Emergency Declaration, and Corruption

Ihorlad Ayala

Banco de la República (Central Bank of Colombia), Colombia

322 Impact of Social and Political Instabilities on the Economic Growth of Countries

Abdul Shaban

School of Development Studies, Tata Institute of Social Sciences, Mumbai, India

RS08 Real estate and housing

16:00-18:00 Monday, 8 April 2024

Room Liszt Ferenc (2.09)

Chair **Isabelle Nilsson**

18 The Impact of COVID-19 on the German Real Estate Market: Evidence Based on Spatial Statistical Models

Andree Ehlert¹, Andreas Lagemann², Jan Wedemeier³

¹Harz University of Applied Sciences, Germany. ²Helmut-Schmidt University, Germany. ³Hamburg Institute of International Economics (HWWI), Germany

23 Spatial Differentiation of Effects on Housing Price: Estimation with New Media Data

Pinar Gökce

Istanbul Technical University, Turkey

125 Exploring the association between the marketing of properties and neighborhood change

Isabelle Nilsson¹, Elizabeth Delmelle²

¹University of North Carolina at Charlotte, USA. ²University of Pennsylvania, USA

RS04 Local finance

16:00-18:00 Monday, 8 April 2024

Room Varga Attila (2.10)

Chair **Amanda Ross**

94 The impact of sustainable investments on the effectiveness of companies

Zsófia Hajnal

John Von Neumann, Hungary

220 Opportunistic Investment: The Political Economy Impacts of FEMA Hurricane Declarations

Amanda Ross¹, Amir Ferreira Neto², Rushaine Gouldbourne³

¹University of Alabama, USA. ²Florida Gulf Coast University, USA. ³Freddie Mac, USA

351 Regional perspectives of limits of public debt. A tentative theoretical and empirical approach.

Michael Steiner, Sandro Lackner

Institute of Economics - University of Graz, Austria

RS17 Globalization and territorial intelligence

16:00-18:00 Monday, 8 April 2024

Room Enyedi György (2.41)

Chair **Jozsef Karpati**

81 **Strategic Coupling to Global Production Networks in the Regional Development Agenda: Toward Conceptual Integration**

Isra Hatipoğlu¹, Ferhan Gezici Korten¹, Nuri Yavan²

¹Istanbul Technical University, Turkey. ²Ankara University, Turkey

135 **Driving Eastward: An Analysis of Chinese Automotive Foreign Direct Investment in Central Asian and South-East Asian Economies**

Jozsef Karpati

John von Neumann University, Hungary

145 **The Logic of Local and Global Identities – as Seen in the Comparative Science of Ideologies**

Andor Müller

Kecskemét, Hungary

Welcome Reception

18:00-19:00 Monday, 8 April 2024

University Main Hall

Tuesday, 9 April 2024

PARALLEL SESSIONS (2)

08:30-10:30 Tuesday, 9 April 2024

SS02.1 Creating Shared Value (CSV) for Sustainable Regional Development

08:30-10:30 Tuesday, 9 April 2024

Room Kodály Zoltán (0.23)

Chair **Lily Kiminami**

- 17 **Empirical Study on the Current Situation of Japanese Agricultural Corporations: Perspectives from Creating Shared Value**
[Akira Kiminami](#)¹, [Lily Kiminami](#)², [Shinichi Furuzawa](#)²
¹The University of Tokyo, Japan. ²Niigata University, Japan
- 35 **A Mixed Methods Research on CSV Management in the Japanese Rice Flour-Related Business**
[Lily Kiminami](#)¹, [Shinichi Furuzawa](#)¹, [Akira Kiminami](#)²
¹Niigata University, Japan. ²The University of Tokyo, Japan
- 43 **Diversity Management in Japanese Agriculture for Creating Shared Value**
[Shinichi Furuzawa](#)¹, [Lily Kiminami](#)¹, [Akira Kiminami](#)²
¹Niigata University, Japan. ²The University of Tokyo, Japan

RS02.1 Infrastructure, transportation and accessibility

08:30-10:30 Tuesday, 9 April 2024

Room Horváth Gyula (0.24)

Chair **Budy Resosudarmo**

- 5 **Autonomous Vehicles in Future Cities**
[Miklos Lukovics](#)
 University of Szeged, Hungary
- 14 **Sustainability of Indonesia Transport Loan Financed Projects: Development Outcome Attributions (DOA) on Unemployment, Growth, and Poverty**
[Muhammad A Ingratubun](#)
¹IPB University, Indonesia
- 45 **High-Speed Railway station Impact on Regional Economic Development in China: An Empirical Analysis Using the SDID Model**
[He Mingxia](#)¹, [Yi Liangjun](#)²
¹Economics Department in Sichuan University of Science & Engineering, China. ²Economics Department in Xiamen University, China
- 142 **The Big Push Lasts Forever: The Economic Legacy of Dutch Colonial Railroads in Java**
[Budy Resosudarmo](#), [Ingrid Ingrid](#)
 Australian National University, Australia

SS06.1 Cities and climate change

08:30-10:30 Tuesday, 9 April 2024

Room Kopátsy Sándor (0.51)

Chair **Zhifu Mi**

- 52 **Dynamic Evolution of Urban Space and its Sustainable Path under Climate Change - A Case Study of the Guangdong-Hong Kong-Macao Greater Bay Area**
Liu Xinyu, Tang Ying
College of Economics Shenzhen University, China
- 72 **Using crowdsourced data to estimate the carbon footprints of global cities**
Xinlu Sun, Zhifu Mi
University College London, United Kingdom
- 307 **Industrial digitalization, government digital attention and low-carbon transformation of energy structures**
Qiufeng Sun, Rufeng Sun, Li Du
jilin university, China

RS21 Agriculture, fisheries and food security

08:30-10:30 Tuesday, 9 April 2024

Room Bartók Béla (1.14)

Chair **Péter Ruppert**

- 163 **Effect of Information about Wild Boar on Consumers' Behaviors**
Naoki Sugita¹, Yoshifumi Kodama², Koji Kato¹, Ryosuke Kikushima³, Kumiko Takeshima⁴
¹Utsunomiya University, Japan. ²Toyo University, Japan. ³Tokyo University of Agriculture, Japan. ⁴Ehime University, Japan
- 337 **Concentration of Exports of the Main Agricultural Products of Mercosur. An inter-regional and international analysis for the period 2013-2022**
Plinio Ramirez Alvarez, Jorge González Villalba, Victor Enciso Cano, Martín Blanco Desvard, Genaro Torales Solís
NEIAgro - FCA UNA, Paraguay
- 338 **Dependence on Fertilizers in Paraguay. Analysis of the concentration of imports for the period 2003-2022**
Jorge Adorno Machai, Plinio Ramirez Alvarez, Victor Enciso Cano, Danny Ríos Velázquez
MGA - FCA UNA, Paraguay
- 354 **Hoodome: the Hungarian Foodome**
Michael Sebek¹, Milán Jánosov², Péter Ruppert¹, Ákos Iózwiak³, Albert-László Barabási¹
¹Northeastern University, USA. ²Geospatial Data Consulting, Hungary. ³Syreon Research Institute, Hungary

RS03.1 Knowledge and innovation

08:30-10:30 Tuesday, 9 April 2024

Room Rechnitzer János (1.15)

Chair **Yuanxi Li**

- 41 **Regional differences in the 9th and 12th grades of Hungarian public education. Equality of opportunity, output and competences**
Balazs Gyorgy Forman¹, János Blahó², Máriusz Dunai³
¹John von Neumann University, Hungary. ²University of Szeged, Hungary. ³Stirling University, United Kingdom
- 67 **The geography and path-dependency of social innovations across EU regions**
Filippo Berti Mecocci¹, Roberto Dellisanti², Amir Maghssudipour³
¹Università di Firenze, Italy. ²Politecnico di Milano, Italy. ³Università di Padova, Italy
- 315 **Regional resilience and the relatedness of a diverse knowledge base: Based on an evolutionary perspective**
Yuanxi Li^{1,2}, Tieshan Sun¹, Hongming Zhang^{1,2}
¹Peking University, China. ²Politecnico di Milano, Italy
- 260 **Institutional Relaxation, University Knowledge Spillover, and Start-up Formation: Evidence from Amendmentsto the Law of Promoting the Transformation of Scientific and Technological Achievements**
Bingwei Li¹, Shanshan Li², Haosheng Yan²
¹School of Insurance, University of International Business and and Economics, China. ²Institute for Finance and Economics, Central University of Finance and Economics, China

SS04.1 A New Toolbox for Novel Research in Regional, Urban and Spatial Studies

08:30-10:30 Tuesday, 9 April 2024

Room Csatári Bálint (1.45)

Chair **Katarzyna Kopczewska**

- 40 **Application of hybrid Gibbs processes to firm location forecasting**
Kateryna Zabarina
 University of Warsaw, Poland
- 93 **Location Signalling: Unravelling causal CBD impact on technological startup survival**
Maria Kubara
 University of Warsaw, Poland
- 349 **Young people in the post-pandemic labour market: response, recovery and resilience in European and worldwide regions**
Simona Cafieri
 ISTAT, National Institute of Statistics, Italy

RS09.1 Regional and urban policy

08:30-10:30 Tuesday, 9 April 2024

Room Liszt Ferenc (2.09)

Chair **Mahla Shojae Anari**

- 11 **The rule of law as the barrier of cohesion resources**
[Richárd Kószó](#)
 Richárd Kószó Ph.D. Reader, Faculty of Law and Political Science, University of Szeged, Hungary, Hungary
- 33 **The role of the financial intermediary system in development policy, highlighting regional development in the 2007-2013 EU development period in Hungary**
[Sára Somogyi-Farkas](#)
 John von Neumann University, Hungary
- 75 **Navigating the Pinnacle: Exploring the Paramount Challenges of Urban Big Data in Tehran**
[Mahla Shojae Anari](#)
 Ph.D. student at ELTE university of Hungary, Iran, Islamic Republic of
- 107 **Planning and accompanying industry in its transformation: towards a renewal of regional industrial policies?**
[Lucas Chevrier](#)
 Ecole des Ponts - CIREN, France

RS11.1 Rural development

08:30-10:30 Tuesday, 9 April 2024

Room Varga Attila (2.10)

Chair **Mallory Rahe**

- 48 **Problems arising along the urban rural fringe - a case study of Hungarian cities**
[András Donát Kovács](#), [Gábor Vasárus](#), [Jenő Zsolt Farkas](#)
 Centre for Economic and Regional Studies - Institute for Regional Studies, Hungary
- 51 **Rural Development Challenges and Resilient Countermeasures in Northern and Central Europe: A Comparison of Sweden and Slovakia**
[Hans Westlund](#)¹, [Kamila Borsekova](#)²
¹KTH Royal Institute of Technology, Sweden. ²Matej Bel University, Slovakia
- 66 **Impact of National Agricultural Technology Program (Phase II) on Farmers' Capacity Building in Bangladesh: Focusing on common interest group in Mymensingh District**
[Md. Masud Rana](#)¹, [Lily Kiminami](#)², [Shinichi Furuzawa](#)²
¹Graduate School of Science and Technology, Niigata University, Japan. ²Niigata University, Japan
- 77 **U.S. rural farmers market vendor persistence and sales during 2019-2021**
[Mallory Rahe](#)¹, [Juo-Han Tsay](#)¹, [Sarah Low](#)²
¹University of Missouri, USA. ²University of Illinois, USA

RS07.1 Migration and regional labor markets

08:30-10:30 Tuesday, 9 April 2024

Room Enyedi György (2.41)

Chair **András Molnár**

- 30 **Occupation portability and regional allocative flexibility: evidence from Brazil**
Rafael Pires Oliveira, Carlos Azzoni
 University of Sao Paulo, Brazil
- 92 **Beyond the Numbers: Analysing the Complexities of the Western Transdanubian Region's Labour Market**
Patrícia Horváth
 Széchenyi István University Doctoral School of Regional- and Economic Sciences, Hungary
- 127 **Influence of Regional Cultural Differences on Settlement Intentions of Floating Population in China**
Jieping Chen¹, Xiaoli Hu²
¹Sanda University, China. ²Tongji University, China
- 167 **Wage Premium of Recent Movers – Better Matches or Compensating Differentials?**
István Boza¹, Virág Ilyés^{2,1}, László Lőrincz^{1,2}, Rikard Eriksson³
¹Centre for Economic and Regional Studies (KRTK), Budapest, Hungary. ²Corvinus University of Budapest, Hungary. ³Umeå University, Sweden

Coffee break

10:30-11:00 Tuesday, 9 April 2024

PARALLEL SESSIONS (3)

11:00-13:00 Tuesday, 9 April 2024

SS02.2 Creating Shared Value (CSV) for Sustainable Regional Development

11:00-13:00 Tuesday, 9 April 2024

Room Kodály Zoltán (0.23)

Chair **Lily Kiminami**

- 64 **Creating Shared Value in Urban Agriculture: Focusing on Shanghai, China**
Yingjie Ge¹, Lily Kiminami², Shinichi Furuzawa²
¹Graduate School of Science and Technology, Niigata University, Japan. ²Niigata University, Japan
- 159 **Sustainable, family-friendly organizations in Hungary**
Anna Pátkai Bende
 Doctoral School of Regional- and Business Administration Sciences, Széchenyi István University, Hungary. Department of International Studies and Communication, Széchenyi István University, Hungary
- 224 **Let's Change the World Together! – Co-Operation Possibilities of Social and Profit Oriented Enterprises**
Boglárka Barsi, Melinda Hajdu-Smahó
 Centre for Economic and Regional Studies, Hungary

RS02.2 Infrastructure, transportation and accessibility

11:00-13:00 Tuesday, 9 April 2024

Room Horváth Gyula (0.24)

Chair **Tainá Pacheco**

- 12 **Relations between the Central-European Trade Routes and Revenues of EU Members**
Gabor Miklos
 Corvinus University of Budapest, Hungary
- 101 **Do Capital Flows Ride the High-speed Railway? Evidence from China's Mergers and Acquisitions**
Shuai Shi
 The University of Hong Kong, Hong Kong
- 106 **Development opportunities for Danube freight transport and the evaluation of the results of the Strategy for the Danube Region**
Dávid Nagy
 CERS Institute for Regional Studies, Hungary
- 297 **Effects of commuting subsidies on commuting distance and mode choice: the role of urban structure**
Tainá Pacheco
 UAB (Autonomous University of Barcelona), Spain

SS06.2 Cities and climate change

11:00-13:00 Tuesday, 9 April 2024

Room Kopátsy Sándor (0.51)

Chair **Zhifu Mi**

- 112 **High Tides, High Stakes: the Dual Role of MoSe Barriers in Safeguarding Venice**
Francesco Angelini¹, Paolo Figini², Veronica Leoni³
¹University of Bologna, Department of Statistical Sciences, Italy. ²University of Bologna, Department of Economics, Italy.
³University of the Balearic Islands, Department of Applied Economics, Spain
- 158 **A Quantitative Evaluation Framework of Community Thermal Resilience in Response to Power Outage Events in Heat Waves**
Wensen Luo¹, Qian Shi¹, Chao Xiao¹, Julian Wang²
¹School of Economics and Management, Tongji University, China. ²Department of Architectural Engineering, Pennsylvania State University, USA
- 246 **Long-run dynamics of Carbon Dioxide emissions, economic growth and energy efficiency at city level in China**
Bin Hu
 Tsinghua University, China
- 389 **Charging Forward: Unveiling Dynamics, Challenges, and Strategies in the Shift to Electric Vehicles**
Dan Liang
 Xinzhou Normal University, China

RS10.2 Regional development

11:00-13:00 Tuesday, 9 April 2024

Room Bartók Béla (1.14)

Chair **Balázs Pager**

- 175 **A Double Bell Theory of Regional Income Inequalities: an Integrated Inter and Intra Regional Approach**
Roberta Capello, Silvia Cerisola
 Politecnico di Milano, Italy
- 178 **Impact of FDI on regional economic development (growth and productivity) in Central and Eastern Europe revisited**
Zoltan Gal^{1,2}, Stefan Apostol¹
¹University of Pécs, Hungary. ²Centre for Economic & Regional Studies, Hungary
- 201 **Unraveling the Complexity of Globalization: A Multidimensional Analysis of Quality Parameters and Competitive Disadvantages**
Saverio Di Giorno¹, Ivano Dileo¹, Giorgia Scognamiglio²
¹University of Naples Parthenope, Italy. ²Sapienza University of Rome, Italy
- 211 **Regional Sustainability Transition: Evidence on Challenges and Responses from 10 Disadvantaged Danube Regions**
Simon Baumgartinger-Seiringer¹, Veronika Desch¹, Balázs Páger^{1,2}, Michaela Trippl¹
¹University of Vienna Department of Geography and Regional Research, Austria. ²Centre for Economic and Regional Studies, Hungary

RS03.2 Knowledge and innovation

11:00-13:00 Tuesday, 9 April 2024

Room Rechnitzer János (1.15)

Chair **Zsófia Viktória Vida**

- 113 **How does green innovation network affect the green total factor productivity? New evidence from China's Yangtze River Delta region**
Hongrui Jiao^{1,2}, Hongbing Deng^{1,2}, Shengmei Hu^{1,2}
¹School of Economics and Management, China University of Geosciences (Wuhan), China. ²Hubei Institutes of Soft Science on Regional Innovation Capacity Monitoring and Analysis, China
- 119 **Central Hungary's integration into the knowledge society**
László Trautmann¹, Adél Hógye², Cecília Vida³
¹associate professor, Hungary. ²master's student, Hungary. ³economist, Hungary
- 136 **Establishing Start-Up Companies in Central and Eastern Europe: The Role of Institutions**
István Pesti, Akos Toth
 John von Neumann University, Hungary
- 138 **Emerging centres of smart city research. Lessons from science mapping and spatial collaboration patterns**
Zsófia Viktória Vida¹, Balázs Borsi²
¹Dept. of Science Policy and Scientometrics, Library and Information Centre of the Hungarian Academy of Sciences, Hungary. ²ESSCA School of Management, Hungary

SS04.2 A New Toolbox for Novel Research in Regional, Urban and Spatial Studies

11:00-13:00 Tuesday, 9 April 2024

Room Csatári Bálint (1.45)

Chair **Katarzyna Kopczewska**

95 Entropic Generalized Q Analysis

Tomaz Dentinho

University of Azores, Portugal

139 Spatio-temporal Evolution of Patent Clusters: A Comprehensive Analysis from 1980 to 2010 in the UK

Zehra Usta

University of Warsaw, Poland

215 Interfirm Networks behind Coagglomeration

Sandor Iuhasz¹, Zoltan Elekes², Virag Ilyes³, Frank Neffke¹

¹Complexity Science Hub Vienna, Austria. ²HUN-REN CERS KTI, Hungary. ³Corvinus University of Budapest, Hungary

RS09.2 Regional and urban policy

11:00-13:00 Tuesday, 9 April 2024

Room Liszt Ferenc (2.09)

Chair **Dagmara Kociuba**

109 A successor model to FDI-driven regional development in Central and Eastern Europe? Challenges, concepts, and exploratory scenarios

Gabor Lux¹, Zoltan Gal^{1,2}

¹HUN-REN CERS Institute for Regional Studies, Hungary. ²University of Pécs, Faculty of Economics & Business, Hungary

115 Policy and governance of functional urban areas - the case of Poland

Dagmara Kociuba

Maria Curie-Skłodowska University in Lublin, Poland

123 Suburbanization within the city: An apparent paradox and its environmental consequences in the case of Hungarian rural centers.

Gábor Vasárus, József Lennert

Centre for Economic and Regional Studies, Hungary

129 AI and Polish FUA: in search of a tailored geographical scale of functional areas

Dagmara Kociuba¹, Elia Vettorato²

¹Maria Curie-Skłodowska University in Lublin, Poland. ²Politecnico di Milano, Italy

RS11.2 Rural development

11:00-13:00 Tuesday, 9 April 2024

Room Varga Attila (2.10)

Chair **Nataliia Moroziuk**

- 79 **Social innovation in the development of rural areas**
Zsolt Harangozo
 University of Miskolc, Hungary
- 140 **Is There a Natural Resource Curse at the Local Level? A Case Study of Oil Extraction in Indonesia**
Budy Resosudarmo, Abdul Nasir
 Australian National University, Australia
- 160 **Comparison of European and Ukrainian Approaches to Rural Development**
Nataliia Moroziuk
 KTH Royal Institute of Technology, Sweden
- 233 **Ethnical culture as a basis of a local development: Gyimesbükk / Ghimeş-Făget (RO)**
Gábor Szalkai
 ELTE Eötvös Loránd University, Institute of Geography and Earth Sciences, Department of Regional Science, Budapest, Hungary, Hungary

RS07.2 Migration and regional labor markets

11:00-13:00 Tuesday, 9 April 2024

Room Enyedi György (2.41)

Chair **Carolina Guevara**

- 186 **Regional development and the migrants' challenges: an investigation on Bangladeshi students in Hungary**
Laila Parvin Suchi
 PhD student at Eötvös Loránd University, Hungary, Bangladesh
- 234 **On the Gender Pay Gap in Germany**
Stephan Brunow¹, Michaela Fuchs², Carsten Ochsen¹
¹University of Applied Labour Studies (HdBA) Schwerin, Germany. ²Institute for Employment Research (IAB), Germany
- 264 **Probability of migrating and universities in Peru**
Carolina Guevara¹, Marco Rios-Luna², José Luis Herrera³
¹Departamento de Economía Cuantitativa, Escuela Politécnica Nacional, Ecuador. ²Pontificia Universidad Católica del Perú, Peru. ³ninguna, Peru
- 270 **Are linguistic policies a barrier to interregional migrations? A case of study in Catalonia.**
Antonio di Paolo, Raul Ramos, Sebastian Ritter, Vicente Royuela
 AQR-IREA Research Group - Universitat de Barcelona, Spain

Business Meeting

Long Range Planning Committee of the RSAI Meeting

13:00-14:00 Tuesday, 9 April 2024

Meeting Room (1.13)

LUNCH BREAK

13:00-14:00 Tuesday, 9 April 2024

PLENARY SESSION II

14:00 - 15:30 Tuesday, 9 April 2024

Auditorium 1.06

Keynote Speech



Modeling Spatial and Economic Impacts of Disasters

Prof. Eduardo Haddad
University of Sao Paulo, Brazil
LARSA

Coffee break

15:30-16:00 Tuesday, 9 April 2024

DG Regio Policy Session

16:00-18:00 Tuesday, 9 April 2024

Auditorium (1.06)



Cohesion Policy's contribution for solving legal obstacles in Cross-Border regions



Chair:

Hans Westlund

KTH Royal Institute of Technology, Sweden, RAI President

What can be done to overcome border obstacle:



The role of Cohesion Policy in solving border obstacles, and the future of Cohesion

Slawomir Tokarski

Director, DG REGIO, European Commission

Importance of addressing border obstacles:



Economic impacts of border obstacles, including Covid impacts as illustration of the exposure of border regions to obstacles

Roberta Capello

Politecnico di Milano, Italy

What is being done:



The b-solutions initiative, a mapping of cross-border obstacles in the EU

Ricardo Ferreira

Border Focal Point coordinator, DG REGIO, European Commission

What else should be done:



A new EU Regulation to Facilitate Cross-Border Solutions

Philippe Voiry

French Ambassador for Intergovernmental Commissions, Cooperation and Border Issues

PARALLEL SESSIONS (4)

16:00-18:00 Tuesday, 9 April 2024

SS06.3 Cities and climate change

16:00-18:00 Tuesday, 9 April 2024

Room Kopátsy Sándor (0.51)

Chair **Zhifu Mi**

179 Urban heat resilience assessment based on PSR framework

Qian Shi, Yuan Zhang, Chao Xiao

School of Economics and Management, Tongji University, China

261 Urban waste management reinforcement for combined environmental and socioeconomic benefits globally

Junnian Song^{1,2}, Qilin Cao¹, Wei Yang^{1,3}, Zhifu Mi²

¹Jilin University, China. ²University College London, United Kingdom. ³Cardiff University, United Kingdom

319 Financing the climate transition of cities – a financing model for Hungarian cities

Katalin Döbrönte

International Business School, Budapest, Hungary

RS10.3 Regional development

16:00-18:00 Tuesday, 9 April 2024

Room Bartók Béla (1.14)

Chair **Emmanuelle Faure**

37 Regions in Development Trap and the Exploitation of Endogenous Resources

István Finta

KRTK, Hungary

74 Explaining economic performances in the French employment zones: industrial relatedness and spatial externalities

Emmanuelle Faure

Université Paris Nanterre, France

80 Mitigate or Transfer? Impact of Inter-Regional Power Grid Infrastructure on Carbon Emissions in China

Ting Zhu¹, Zhen Xu²

¹Peking University, China. ²Qiyuan Lab, Beijing, China

90 Unveiling Region-Specific Effects of EU Cohesion Policy

Ivana Biondic^{1,2}, Jaksa Puljiz¹

¹Institute for Development and International Relations, Croatia. ²University of Innsbruck, Austria

RS09.3 Regional and urban policy

16:00-18:00 Tuesday, 9 April 2024

Room Rechnitzer János (1.15)

Chair **Boris Portnov**

185 Informal Land Buyers' Perspectives in Dilla City, Southern Ethiopia

[Kibru Alemu Gedecho](#)¹, [Bernadett Horvathne Kovacs](#)²

¹Lecturer of Land Administration and Surveying Department, Ethiopia. ²Associate Professor at Hungarian University of Agricultural and Life Sciences, Hungary

189 Looking for trust in all the wrong places: Territorial predictors of trust in local authorities during a crisis

[Bogdan-Constantin Ibanescu](#)¹, [Mioara Cristea](#)², [Alexandra Gheorghiu](#)¹

¹Alexandru Ioan Cuza University of Iasi, Romania. ²Heriot-Watt University, United Kingdom

212 Relations between Combined Authorities and the Centre: Lessons from the English Devolution

[Tamás Kaiser](#)

University of Public Services, Hungary

226 Investigating the Effect of Location on Urban Growth Worldwide: Contemporary Trends

[Boris A. Portnov](#)

University of Haifa, Israel

SS04.3 A New Toolbox for Novel Research in Regional, Urban and Spatial Studies

16:00-18:00 Tuesday, 9 April 2024

Room Csatári Bálint (1.45)

Chair **Simona Cafieri**

221 Contrast and Brightness in Urban Spaces: Unveiling Patterns of Public Space Perception in Beijing's Historic Districts

[Song Guo](#)¹, [Chaoyi Huang](#)¹, [Zhijian Miao](#)², [Weimin Zhuang](#)¹

¹Tsinghua University, China. ²Tsinghua University Architectural Design Research Institute Co., Ltd., China

245 Mapping Regional Knowledge Flows in the Software Industry

[Johannes Wachs](#)

Corvinus University Budapest, Hungary. Centre for Economic and Regional Studies, Hungary

350 Do big cities, small rural areas or suburbs offer a better quality of life? In search of well-being with territorial intelligence

[Simona Cafieri](#)

ISTAT, National Institute of Statistics, Italy

RS11.3 Rural development

16:00-18:00 Tuesday, 9 April 2024

Room Liszt Ferenc (2.09)

Chair **Damiaan Persyn**

281 The territorial distribution of amputations and Peripheral Artery Disease endovascular treatment options in healthcare and social context in Hungary

Csaba László Dózsa¹, Petra Fadgyas-Freyler²

¹University in Miskolc Health Sciences Faculty, Iceland. ²Corvinus University Budapest, Hungary

340 The Contested Role of Vocational Training Institutions in Reducing Regional Disadvantage in Hungary

Magdolna Benke

University of Debrecen, CHERD, Hungary

341 Life at the edge of the city size distribution

Damiaan Persyn^{1,2}, Christian Hundt¹

¹Thünen Institute, Germany. ²University of Göttingen, Germany

RS07.3 Migration and regional labor markets

16:00-18:00 Tuesday, 9 April 2024

Room Varga Attila (2.10)

Chair **Gábor Lados**

279 Telework in Portugal – regional trends and perspectives in post-COVID times

Eduarda Marques da costa, Ana Louro, Pedro Franco, Paulo Morgado, Nuno Marques da Costa

CEG – Centre of Geographical Studies, Institute of Geography and Spatial Planning, Universidade de Lisboa and Associated Laboratory of Excellence TERRA, Portugal

289 Wartime migration of the Hungarian minority from Ukraine

Patrik Tátrai, Katalin Kovály, Ágnes Eróss

Geographical Institute, Research Centre for Astronomy and Earth Sciences, HUN-REN, Hungary

323 Diversity of investments and international migration in Central and Eastern Europe

Gabor Lados

CERS Institute for Regional Studies, Hungary

RS03.3 Knowledge and innovation

16:00-18:00 Tuesday, 9 April 2024

Room Enyedi György (2.41)

Chair **Camilla Lenzi**

- 102 **The effect of high-speed railway connection on economic development in China's peripheral cities: A perspective of innovation capacity**
Shuang Lyu, Tieshan Sun
Peking University, China
- 207 **How Industry-University Research Collaboration Shape Innovative Performance? a Multilayer Network Approach on the European Scale.**
Tamás Sebestyén, Erik Braun, Dávid Bilicz, Zita Iloskics
University of Pécs, Hungary
- 236 **Unveiling automation anxiety and inequalities in cities**
Roberta Capello, Simona Ciappei, Camilla Lenzi
Politecnico di Milano, Italy
- 258 **Social network analysis and qualitative insights to understand learning processes within clusters. A case in the vegetable seed breeding industry in China**
Qiang Cao, André Torre
Université Paris-Saclay, UMR SAD-APT, INRA-Agroparistech, France

Job Market Session

Working for international institutions

18:00-19:00 Tuesday, 9 April 2024

Room Kopátsy Sándor (0.51)

Wednesday, 10 April 2024

PARALLEL SESSIONS (5)

08:30-10:30 Wednesday, 10 April 2024

SS09.1 Borders and Borderlands – Local, Regional, and Geopolitical Aspects

08:30-10:30 Wednesday, 10 April 2024

Room Kodály Zoltán (0.23)

Chair **Paolo Sospiro**

- 38 European Union strategies and their effects on the Adriatic-Ionian region ports**
Paolo Sospiro^{1,2}, **Marco Ciro Liscio**¹, **Zeno Olimini**², **Alice Amatore**²
¹Università Politecnica delle Marche, Italy. ²EUAbout, Belgium
- 82 Internal state borders in the Western Balkans face new opportunities and challenges**
Zoltán Hajdú
 Scientific adviser Institute for Regional Studies, centre for Economic and Regional Studies Centre for, Hungary
- 88 Cross-Border Activity along the EU external borders of Hungary**
Klara Czimre¹, **Zsafia Szaniszló**¹, **Andras Ricz**², **Imre Nagy**³
¹Department of Social Geography and Regional Development Planning, Institute of Geosciences, Faculty of Science and Technology, University of Debrecen, Hungary. ²Regional Sciences Association, Subotica, Serbia. ³University of Novi Sad; Institute for Regional Studies of the CERS, Pécs, Hungary, Serbia

SS08.1 Territorial disparities defined along rural-urban axes

08:30-10:30 Wednesday, 10 April 2024

Room Horváth Gyula (0.24)

Chair **Réka Horeczki**

- 62 Centralized governance and fuzzy spaces - the case of Hungary**
Ilona Pálné Kovács
 Hungarian research Network, Centre for Economic and Regional Studies, Hungary. President of the Hungarian Regional Science Association, Hungary
- 83 Local development prospects in CEECs after 2020: the case for a foundational approach**
Zsuzsanna Zsibók¹, **Ildikó Egyed**²
¹Centre for Economic and Regional Studies, Hungary. ²Centre for Economic and Regional Studies, Iceland
- 85 The dimension of vulnerability in Hungarian small towns**
Réka Horeczki
 HUN-REN CERS Institute for Regional Studies, Hungary

SS16.1 Global Value Chains restructuring, regional dynamics and inequalities

08:30-10:30 Wednesday, 10 April 2024

Room Kopátsy Sándor (0.51)

Chair **Roberta Capello**

- 3 **Import competition and domestic transport costs**
[Andrea Caragliu¹](#), [Michiel Gerritse²](#)
¹Politecnico di Milano, Italy. ²Erasmus University Rotterdam, Netherlands
- 65 **Smile-and-go. Regional performance through Global Value Chains in Europe.**
[Roberta Capello](#), [Roberto Dellisanti](#)
Politecnico di Milano, Italy
- 70 **The impact of the COVID-19 pandemic on global production networks driven by EU MNEs**
[Simona Comi¹](#), [Mara Grasseni²](#), [Laura Resmini¹](#)
¹University of Milano-Bicocca, Italy. ²University of Bergamo, Italy
- 309 **The Domestic and the International Value Chains of China's Manufacturing Industry and Their Interactive Relationships**
[Xiumin Li¹](#), [Mingyin Chen¹](#), [Yunfeng Wang²](#)
¹School of Economics, Guangdong University of Technology, China. ²School of Management, University of Sanya, China

SS03 Regional Development and Integration in Eurasia in the Belt and Road Era

08:30-10:30 Wednesday, 10 April 2024

Room Bartók Béla (1.14)

Chair **John Gibson**

- 24 **The effect of location package of historic cities' survival**
[Boris A. Portnov](#)
University of Haifa, Israel
- 49 **Luminosity and Local Economic Growth**
[John Gibson¹](#), [Bonggeun Kim²](#), [Chao Li³](#)
¹University of Waikato, New Zealand. ²Seoul National University, Korea, Republic of. ³University of Auckland, New Zealand
- 272 **Development of Southeast Asia in the Eurasian Era - The Challenges of Sustainability and Multipolarity**
[Péter Klemensits](#)
Senior Research Fellow, Eurasia Center, John von Neumann University, Hungary

RS10.4 Regional development

08:30-10:30 Wednesday, 10 April 2024

Room Rechnitzer János (1.15)

Chair **Norbert Szabó**

- 124 **Development of electric vehicle battery industry and sustainable economic growth of Hungary**
Liqiao Yang, Izabella Szakálné Kanó, Andreász Kosztopulosz
 Faculty of Economics and Business Administration, University of Szeged, Hungary
- 151 **The economic situation of regions in Europe after the pandemic, with a special focus on Hungary**
Pál Szabó
 Eötvös Loránd University TTK FFI Department of Regional Science, Hungary
- 162 **Economic Complexity Index and Economic Development in Romania**
Ibolya Török¹, József Benedek^{1,2}
¹Babes-Bolyai University, Romania. ²University of Miskolc, Hungary
- 164 **Evaluating S3 interventions: An application of the GMR model in Centro region, Portugal**
Norbert Szabó¹, Krisztina Polónyi-Andor¹, Tamás Sebestyén¹, Hugo Pinto²
¹University of Pécs Faculty of Business and Economics, Hungary. ²University of Coimbra, Portugal

RS03.4 Knowledge and innovation

08:30-10:30 Wednesday, 10 April 2024

Room Csatári Bálint (1.45)

Chair **Stefan Rehak**

- 105 **Technological transformations, market power and regional inequalities in Europe**
Roberta Capello, Camilla Lenzi, Elisa Panzera
 Politecnico di Milano, Italy
- 357 **The application living space is the future of the economy and society**
Attila Kasznár
 John von Neumann University, Hungary
- 368 **Unraveling the Role of Universities in Shaping Regional Innovation: Insights from European Patent Data**
Stefan Rehak, Miroslav Spurek
 University of Economics in Bratislava, Slovakia
- 373 **Presentation of Agricultural Knowledge and Innovation Systems - the role of knowledge transfer in (interactive) innovation**
Anna Dunay, Ágnes Gáborné Jakab
 John von Neumann University, Hungary

RS06.1 Methods in Regional Science and Urban Economics

08:30-10:30 Wednesday, 10 April 2024

Room Liszt Ferenc (2.09)

Chair **André Chagas**

- 16 **Perceptual Boundaries of Urban Areas and How to find them?**
[Hongmou Zhang](#), [Jinghui Zhao](#), [Langrui Cai](#)
 Peking University, China
- 20 **QDC: Quick Density Clustering - new algorithm for spatial point data**
[Katarzyna Kopczewska](#)
 University of Warsaw, Poland
- 29 **Difference-in-differences with endogenous network externalities**
[Sandy Dall'Erba](#)¹, [Andre Chagas](#)², [William Ridley](#)¹, [Yilan Xu](#)¹
¹University of Illinois at Urbana-Champaign, USA. ²Universidade de Sao Paulo, Brazil
- 32 **A Study on the development of a dynamic spatial IO model and its application to Japan's regional economy**
[Hiroyuki Shibusawa](#), [Mingji Cui](#)
 Toyohashi University of Technology, Japan

RS14.1 The spatial dimension of sustainable development

08:30-10:30 Wednesday, 10 April 2024

Room Varga Attila (2.10)

Chair **Mariann Szabó**

- 28 **When Sustainable Development Means Unsustainable Development Financing: The Case of Multilateral Development Partner Loans to Indonesia**
[Muhammad A Ingratubun](#)
 IPB University, Indonesia
- 42 **Examining the competitiveness and sustainability of the Southern Great Plain region**
[Balazs Gyorgy Forman](#)¹, [János Blahó](#)², [Máriósz Dunai](#)³
¹John von Neumann University, Hungary. ²University of Szeged, Hungary. ³Stirling University, United Kingdom
- 182 **Revitalization of Urban Brownfield Sites in Hungary, 2014-2020**
[Mariann Szabó](#)
 Assistant Professor, Deputy Head of Department, Budapest University of Technology and Economics, Faculty of Economic and Social Sciences, Department of Environmental Economics and Sustainability, Hungary
- 359 **The future of electric cars in Hungary and the economic, social and spatial aspects of the transition**
[Ferenc Sándor Forman](#), [Ádám Kardos](#), [Balazs Gyorgy Forman](#)
 John von Neumann University, Hungary

RS09.4 Regional and urban policy

08:30-10:30 Wednesday, 10 April 2024

Room Enyedi György (2.41)

Chair **Ugo Fratesi**

- 280 **The four waves of regional policy: Towards an era of trade-offs?**
Ugo Fratesi
 Politecnico di Milano, Italy
- 282 **Long-Term Assessment of the Readiness of EU Countries to Achieve the Goals of the 2030 Agenda through the Digital Transformation of the Local Government Economy**
Dimitris Papandreou, Patricia Ikouta Mazza, Maria Mavri
 Quantitative Methods Laboratory, Department of Business Administration, University of the Aegean, Greece
- 287 **Urban scaling, innovation growth and urban recapitulation between different administration in China**
Yuxue Feng¹, Guangdong Li², Guoping Li¹, Shuang Lyu¹
¹School of Government, Peking University, China. ²Institute of Geographic Sciences and Natural Resources Research, CAS, China
- 291 **The economic effect of child benefit on fertility in a two-sector OLG model**
Akihiko Kaneko
 Waseda University, Japan

Coffee break

10:30-11:00 Wednesday, 10 April 2024

PARALLEL SESSIONS (6)

11:00-13:00 Wednesday, 10 April 2024

SS09.2 Borders and Borderlands – Local, Regional, and Geopolitical Aspects

11:00-13:00 Wednesday, 10 April 2024

Room Kodály Zoltán (0.23)

Chair **Szilárd Rácz**

- 39 **Navigating Change: Shaping the Future of EUSAIR - Trends, Priorities, and Policy Implications**
Paolo Sospiro^{1,2}, Marco Ciro Liscio¹, Daniele Bregoli², Alice Amatore²
¹Università Politecnica delle Marche, Italy. ²EUAbout, Belgium
- 193 **Serbia on the Border between East and West - Urban and Geoeconomic Perspectives**
Szilárd Rácz
 Institute for Regional Studies, Hungary
- 251 **Safe zones in northern Syria: displacement, humanitarian, and security issues**
Sára Gibárti
 Centre for Economic and Regional Studies, Institute for Regional Studies, Hungary

SS08.2 Territorial disparities defined along rural-urban axes

11:00-13:00 Wednesday, 10 April 2024

Room Horváth Gyula (0.24)

Chair **Réka Horeczki**

- 86 Regional differences in mental health promotion in municipalities**
Erzsébet Ország-Novák
Ludovika University of Public Service, Hungary
- 122 Relationship between periphery and core countries. Path-dependence in regional and local development in Eastern and Central Europe. Spatial economic geographic projection of economic policy of the transitional economies**
Bódi Ferenc
HUN-REN Centre for Social Sciences, Hungarian Academy of Sciences Centre of Excellence, Institute for Political Science, Hungary
- 181 Poverty and suburbanization in urban-rural fringe**
Ádám Szalai, Gábor László Vasárus
HUN-REN Centre for Economic and Regional Studies- Institute for Regional Studies, Hungary

SS16.2 Global Value Chains restructuring, regional dynamics and inequalities

11:00-13:00 Wednesday, 10 April 2024

Room Kopátsy Sándor (0.51)

Chair **Giovanni Perucca**

- 104 Regional Income Distributional Effects of GVC participation**
Roberta Capello, Damares Lopes Afonso, Giovanni Perucca
Politecnico di Milano, Italy
- 170 Regional backshoring as a source of manufacturing employment growth**
Roberta Capello, Silvia Cerisola
Politecnico di Milano, Italy
- 386 Green dependence on the brink? Critical metals of the European Union's clean transition**
Gábor László Papp
John von Neumann University Doctoral School of Management and Business Administration, Hungary

RS10.5 Regional development

11:00-13:00 Wednesday, 10 April 2024

Room Bartók Béla (1.14)

Chair **Gustavo Castro**

- 242 **Mapping the Evolution of Regional Digital Divide in Hungary**
Zsófia Vas, Izabella Szakálné Kanó, Imre Lengyel
 University of Szeged, Hungary
- 263 **Theorizing regional poles of power in a networked, multipolar world order**
Agnes Bernek^{1,2}, Anita Faust³
¹senior research fellow, Hungary. ²leader of Geopolitical Research Group of Eurasia Center, Hungary. ³research fellow, Hungary
- 273 **A province level Input-Output approach to assess the economic impacts of Morocco's 2023 earthquake**
Eduardo Haddad¹, Mahmoud Arbouch², Abdelaaziz Ait Ali², Hamza Saoudi²
¹Policy Center for the New South, Brazil. ²Policy Center for the New South, Morocco
- 290 **Regional convergence of skills and schooling in Brazilian manufacturing**
Gustavo Castro, Carlos Azzoni
 University of São Paulo, Brazil

RS03.5 Knowledge and innovation

11:00-13:00 Wednesday, 10 April 2024

Room Rechnitzer János (1.15)

Chair **Éva Pálinkó**

- 375 **Quality management as the engine of competitiveness in the Hungarian SME sector**
Csaba Bálint Illés, Csaba Szuda
 John von Neumann University Doctoral School of Management and Business Administration, Hungary
- 378 **Academia-Industry Relationships in Hungary – Institutional Performance and the Role in Researcher Career Path**
Éva Pálinkó^{1,2}, Norbert Katona¹, Gergő Bendegúz Békési¹
¹Neumann János Egyetem, Hungary. ²Magyar Tudományos Akadémia Könyvtár és Információs Központ, Hungary
- 383 **Multidimensional evaluation of the Agricultural Knowledge and Innovation System (AKIS)**
Lívía Kránitz, Pál Goda
 Institute of Agricultural Economics, Hungary

SS17 Towards local development through a sustainable valorization of cultural heritage: the role of tourism

11:00-13:00 Wednesday, 10 April 2024

Room Csatári Bálint (1.45)

Chair **Silvia Cerisola**

- 111 Museums in times of crisis: Analysis of the impact of Covid-19 on the Italian museum sector**
Francesco Angelini, Cristina Bernini, Federica Galli
 University of Bologna, Department of Statistical Sciences, Italy
- 126 Investigating Overtourism and Its Economic Effects: Evidence from Italy**
Martina Dattilo, Giovanna Segre
 University of Turin, Department of Economics and Statistics "Cognetti de Martiis", Italy
- 229 Knowledge Spillover Effects for Enhancing Authentic Tourism – the case of Interreg EUROPE Local Flavours Project**
Mariann Szabó
 Assistant Professor, Deputy Head of Department, Budapest University of Technology and Economics, Faculty of Economic and Social Sciences, Department of Environmental Economics and Sustainability, Hungary
- 247 Theoretical and empirical considerations of the Creative Cities Sustainable Regions programme in West Hungary**
Ákos Jakobi
 Eötvös Loránd University, Department of Regional Science, Hungary. Institute of Advanced Studies Kőszeg, Hungary

RS14.2 The spatial dimension of sustainable development

11:00-13:00 Wednesday, 10 April 2024

Room Liszt Ferenc (2.09)

Chair **Dameres Lopes Afonso**

- 58 Land and deforestation embodied in trade: an analysis for Brazilian biomes**
Dameres Lopes Afonso¹, Fernando Salgueiro Perobelli², Weslem Rodrigues Faria²
¹Postdoctoral Researcher - Politecnico di Milano, Italy. ²Federal University of Juiz de Fora, Brazil
- 59 Sustainable Model of Corporate Embeddedness: Good Practices of Small and Medium-Sized Family Companies**
Zsuzsanna Pálffy
 Széchenyi István University Apáczai Csere János Faculty of Humanities, Education and Social Sciences, Department of International Studies and Communication, Hungary.
- 118 Beyond GDP: wealth and sustainability of developing and developed economies**
Antal Ferenc Kovács
 John von Neumann University, Hungary
- 232 Fostering energy transition: How local authorities can overcome challenges in biogas projects**
Sebastien Bourdin, Hugo Delcayre
 EM Normandie Business School, France

RS09.5 Regional and urban policy

11:00-13:00 Wednesday, 10 April 2024

Room Varga Attila (2.10)

Chair **Büşra Güven Güney**

- 303 Analyzing the Multifaceted Impact of E-Commerce: A Conceptual Framework across Different Urban Planning Scales**
[Büşra Güven Güney](#), [Mehmet Ali Yüzer](#)
 Istanbul Technical University, Turkey
- 306 Unintended Consequence of Historic Preservation on Firms' Output: Evidence from the Awarding of the Historic City Title in China**
[Ruiming Liu](#)¹, [Haosheng Yan](#)², [Zebang Zhang](#)³
¹Renmin University of China, China. ²Central University of Finance and Economics, China. ³Tsinghua University, China
- 324 Blue Sky or Bright Light? An Empirical Analysis for a Campaign-Style Environmental Enforcement in China**
[Bin Hu](#)
 Tsinghua University, China
- 325 How cities are prepared for accepting autonomous vehicles?**
[Melinda Smahó](#)
 HUN-REN Centre for Economic and Regional Studies Institute for Regional Studies West-Hungarian Research Institute, Hungary. Széchenyi István University, Hungary

RS06.2 Methods in Regional Science and Urban Economics

11:00-13:00 Wednesday, 10 April 2024

Room Enyedi György (2.41)

Chair **Yankai Miao**

- 248 Measuring and analysing the competitiveness of Hungarian urban regions.**
[László Szerb](#), [Miklós Hornyák](#), [Zsófia Fehér Krabátiné](#), [András Rideg](#)
 University of Pécs, Hungary
- 259 Local Impact Factor (LIF) Analysis for Spatial Autocorrelation**
[Vincenzo Nardelli](#), [Giuseppe Arbia](#)
 Università Cattolica del Sacro Cuore, Italy
- 300 Escaping from the middle-income trap: An historical perspective over the European regions 1900-2015**
[Alicia Gomez-Tello](#), [María Teresa Sanchis](#), [Maria Jose Murgui](#)
 Universitat de Valencia, Spain
- 361 Characteristics and Mechanisms of Landscape Localization Evolution in South Jiangsu Small Towns from the Perspective of Rural-Urban-Wild Interaction – Taking Wujiang District, Suzhou as an Example**
[yankai Miao](#)^{1,2}, [Alessandro Bianchi](#)², [lin zhang](#)¹
¹Tongji university, China. ²Politecnico di Milano, Italy

Business Meeting

RSAI Council Meeting

13:00-14:00 Tuesday, 10 April 2024

Board Meeting Room (2.08)

LUNCH BREAK

13:00-14:00 Wednesday, 10 April 2024

PLENARY SESSION III

14:00 - 15:30 Wednesday, 10 April 2024

Auditorium (1.06)

Keynote Speech



Urban Housing Development in Korea from a Comparative Perspective

Prof. Hee-Jung Jun

Sungkyunkwan University, Korea
PRSCO

Coffee break

15:30-16:00 Wednesday, 10 April 2024

OECD-JRC Policy Session

16:00-18:00 Wednesday, 10 April 2024

Auditorium (1.06)



Novelties in data, novelties in methods: What's new, what's next



Chair:

Alexander Lembcke

Head of Economic Analysis Unit in OECD

Panelists:



Andrea Conte

Team Leader / Economist
at European Commission -
Joint Research Centre



Eva Laczka

Deputy President for
Economic Statistics,
Hungarian Statistical
Office, Hungary



Eduardo Haddad

University of Sao Paulo,
Brazil



Katarzyna

Kopczewska

University of Warsaw,
Poland

PARALLEL SESSIONS (7)

16:00-18:00 Wednesday, 10 April 2024

SS09.3 Borders and Borderlands – Local, Regional, and Geopolitical Aspects

16:00-18:00 Wednesday, 10 April 2024

Room Kodály Zoltán (0.23)

Chair **Péter Reményi**

293 **Vojvodina as a borderland**

Péter Reményi

Institute for Regional Studies CERS, Hungary. University of Pécs, Hungary

321 **Economic and demographic challenges in border areas: the case of Central Europe**

Gabor Lados, Reka Horeczki, David Nagy

CERS Institute for Regional Studies, Hungary

326 **Depopulation in the borderland of Canton 10 in Bosnia and Herzegovina**

Haris Gekić, Aida Bidžan-Gekić

University of Sarajevo - Faculty of Science, Department of Geography, Bosnia and Herzegovina

SS11 Spatial use and tourism-related mobility in the light of Industry 4.0

16:00-18:00 Wednesday, 10 April 2024

Room Horváth Gyula (0.24)

Chair **Márk Miskolczi**

- 372 **Revolutionizing Hospitality Operations: Harnessing the Power of Artificial Intelligence**
Bence Csapody, Márk Miskolczi
Corvinus University of Budapest, Hungary
- 381 **Disruptive impacts of artificial intelligence (AI) on the dynamics of tourism related mobility**
Márk Miskolczi
Corvinus University of Budapest, Hungary
- 382 **Only the staff know what the guest wants? Hotel management issues with artificial intelligence**
László Kökény
Corvinus University of Budapest, Hungary

SS20 The promise of transitions via innovation for sustainable regional development

16:00-18:00 Wednesday, 10 April 2024

Room Kopátsy Sándor (0.51)

Chair **Salma Hichr**

- 356 **The energy transition and economic growth: An empirical analysis of the EKC in Tunisia**
Nahed Brahmi, Salma Hichri
University of Sfax, Tunisia
- 358 **Les Ports Intelligents Comme outil de Renforcement de La Resilience des Villes**
Hanene Jamoussi, Dhouha Rebai, Jamel Louati
Université de Mannouba (ESCT), Tunisia
- 401 **Rethinking Tunisia's Transition to Sustainability in Connection with the New Territorial Division**
Hanene Jamoussi
High School of Business, Tunisia
- 402 **The impact of socially responsible consumption on nostalgic perception: the case of local food products**
Elhem Gharbi, Hanene Jamoussi
High school of Business of Tunis, Tunisia

SS08.3 Territorial disparities defined along rural-urban axes

16:00-18:00 Wednesday, 10 April 2024

Room Bartók Béla (1.14)

Chair **Réka Horeczki**

- 286 **Changes in the world of work since the COVID-19 epidemic in rural areas in Hungary**
[Katalin Liptak](#)
University of Miskolc, Hungary
- 294 **On the areas being left-behind**
[Ana Viñuela](#)
University of Oviedo, Spain
- 370 **The regional inequalities between the Budapest metropolitan region and the large urban regions in Hungary**
[Júlia Schuchmann](#)
PhD, lecturer at John Von Neumann University, Economic Geography and Urban Marketing Knowledge Center, Hungary

RS03.6 Knowledge and innovation

16:00-18:00 Wednesday, 10 April 2024

Room Rechnitzer János (1.15)

Chair **Dorottya Teveli-Horváth**

- 390 **Operational logics of municipalities - the case of downtown revitalisation in Hungary**
[Dorottya Teveli-Horváth](#)
Corvinus University of Budapest, Hungary
- 392 **Unequal power relations within European research collaboration networks - an uneven development perspective**
[Gergely Tagai](#)
HUN-REN Centre for Economic and Regional Studies, Hungary
- 399 **Towards a “large model” for predicting regional industrial growth from the perspective of industry relatedness**
[Lun Liu](#)
Peking University, China

RS14.3 The spatial dimension of sustainable development

16:00-18:00 Wednesday, 10 April 2024

Room Csatári Bálint (1.45)

Chair **Josep Maria Arauzo Carod**

- 53 **Arguments for the circular economy coming along with requirements of bold geopolitical remodelling at the global scale**
Mihály Dombi¹, Orsolya Szendrey²
¹Budapest Business University, Hungary. ²University of Debrecen, Hungary
- 276 **What Drives the Individual's Perception of the Ecological Transition? Evidence from Spain**
Josep-Maria Arauzo-Carod¹, Maria Llop¹, Miguel Manjón-Antolín²
¹Universitat Rovira i Virgili (ECO-SOS & IU-RESCAT), Spain. ²Universitat Rovira i Virgili (ECO-SOS), Spain
- 277 **Spatial Dimension of Ecological Transition and the Social Acceptance of Energy Communities**
Josep-Maria Arauzo-Carod¹, Jordi Jaria², Miguel Manjón-Antolín³
¹Universitat Rovira i Virgili (ECO-SOS & IU-RESCAT), Spain. ²Universitat Rovira i Virgili (CEDAT & IU-RESCAT), Spain.
³Universitat Rovira i Virgili (ECO-SOS), Spain
- 369 **Research on the renewal of Block Building Stock Based on K-means Clustering Method**
Yueheng Tong^{1,2}, Wei Yang¹
¹Tianjin University, China. ²Polytechnic University of Milan, Italy

RS09.6 Regional and urban policy

16:00-18:00 Wednesday, 10 April 2024

Room Liszt Ferenc (2.09)

Chair **Zeynep Elburz**

- 328 **Kecskemét is the economic center of the Southern Great Plain**
Anna Ábrahám, Csanád Horváth, Ádám Kardos, Péter Tópercer
 John von Neumann University, Hungary
- 346 **Beyond Economic Metrics: Assessing the Multi-Faceted Influences Shaping the Size of Urban Areas**
Vladislav Marjanović, Jelena J. Stanković, Ivana Marjanović, Marina Stanojević, Dragana Radenković-Jocić
 University of Niš, Faculty of Economics, Serbia
- 374 **Transforming Ways of Life in the Changing Suburbs – Case of Budapest**
János B. Kocsis
 Corvinus University of Budapest, Hungary
- 397 **Spiky Metropolitan Landscapes: An Urbanometric Analysis of Growing Agglomerations**
Zeynep Elburz¹, karima kourtiti², Peter Nijkamp²
¹Izmir Institute of Technology, Turkey. ²Open Universiteit, Netherlands

RS06.3 Methods in Regional Science and Urban Economics

16:00-18:00 Wednesday, 10 April 2024

Room Varga Attila (2.10)

Chair **Emília Malcata Rebelo**

- 333 **Territorial levels of SMEs' activities – analyses of firms in Győr, Hungary**
[Adrienn Reisinger](#)
 Széchenyi István University, Hungary
- 345 **A smart cities' strategic-decision framework**
[Emília Malcata Rebelo](#)
 CITTA - Research Centre for Territory, Transports and Environment, Portugal. University of Porto, Portugal
- 364 **The role of chance, luck, uncertainty, risks, asymmetric information, imperfect information in regional development**
[Ferenc Sándor Forman¹](#), [Balázs Attila Forman²](#), [Balazs Gyorgy Forman¹](#)
¹John von Neumann University, Hungary. ²Eötvös Lóránd University of Sciences, Hungary

RS10.6 Regional development

16:00-18:00 Wednesday, 10 April 2024

Room Enyedi György (2.41)

Chair **Patricia Bonini**

- 310 **Research on the impact of urban space governance on green economic efficiency from the perspective of ecological civilization – A case study of Beijing-Tianjin-Hebei and surrounding areas as an example**
[Xiao-Yan He](#), [Guo-Ping Li](#), [Yang Zhao](#)
 Peking University, China
- 330 **The Stem Labor Force Profile in Brazil: A Regional Approach**
[Patricia Bonini¹](#), [Fernanda da Silva²](#), [Gabriela Sótero¹](#)
¹State University of Santa Catarina, Brazil. ²SMU Department of Economics – National University, Dalas, Texas, USA
- 367 **The role of human capital and digitalization in building regional economic resilience**
[Cristian Incaltarau](#)
 Alexandru Ioan Cuza University of Iasi, Romania
- 379 **Carpathian gateway region - emerging territorial networks and their geopolitical questions**
[Ágnes Bernek](#)
 Senior research fellow, Hungary

Gala Dinner

RSAI Awards Ceremony

19:00-22:00 Wednesday, 10 April 2024

Four Points By Sheraton Kecskemét Hotel

Thursday, 11 April 2024

PARALLEL SESSIONS (8)

08:30-10:30 Thursday, 11 April 2024

RS12.1 Spatial implications of climate and environmental change

08:30-10:30 Thursday, 11 April 2024

Room Kodály Zoltán (0.23)

Chair Akio Matsumoto

22 Connection between agriculture, landscape carrying capacity and climate change in the Danube-Tisza Interfluvium, Hungary

Edit Hoyk

John von Neumann University, Faculty of Horticulture and Rural Development, Hungary. Hungarian Research Network, Centre for Economic and Regional Studies, Hungary

96 "Fighting Fires with H2O": Understanding Feature Contribution to Forest Fires in the Carpathians

Melinda Manczinger¹, László Kovács², Tibor Kovács³

¹PhD student, Doctoral School of Economics, Business and Informatics, Corvinus University of Budapest, Hungary. ²Institute of Data Analytics and Information Systems, Department of Statistics, Corvinus University of Budapest, Hungary. ³Institute of Informatics, Department of Information Systems, Corvinus University of Budapest, Hungary

98 Control on Nonpoint Source Pollution under Uncertain Welfare

Akio Matsumoto

Chuo University, Japan

SS12 Creative cities and regions in Europe

08:30-10:30 Thursday, 11 April 2024

Room Horváth Gyula (0.24)

Chair **Dávid Fekete**

- 91 **Measuring creativity: Lessons of the Cultural and Creative Cities Monitor**
Dávid Fekete
 Széchenyi István University, Department of Regional Studies and Rural Development, Hungary
- 128 **The Relationship between Győr and the Benedictine Community in the Light of Creativity. Exploring New Regional Relationships Using the Theory of Territorial Capital**
Mihály Dömötör
 Széchenyi István Egyetem, Hungary
- 150 **Types of the creative city**
Szabolcs Morvay
 Széchenyi István University, Hungary
- 332 **European Capital of Culture 2010/2023 – Implementation, Comparative Analysis and Lessons Learned of Two Dance Projects/ Festivals (2010 Pécs / 2023 Veszprém)**
Zsuzsanna Kara
 PhD Student, Doctoral School of Regional Sciences and Business Administration, Széchenyi István University, Hungary
- 363 **Development Visions for the Cultural and Creative Sector in Budapest in the Period 2008-2030**
Edina Lőrincz
 Hungary

SS05.1 EU Cohesion Policy in the age of permacrisis. Embracing resilience, transition and growth

08:30-10:30 Thursday, 11 April 2024

Room Kopátsy Sándor (0.51)

Chair **Daniela L. Constantin**

- 89 **A Spatial Justice-Based Perspective on Territorial Inequalities. Scenarios for the Future of the EU's Cohesion Policy**
Daniela L. Constantin
 Bucharest University of Economic Studies, Romania
- 152 **The Role of Public-Private Partnerships for a Sustainable Development through EU Cohesion Policy after Post War Reconstruction**
Carmen Nastase¹, Nicoleta Sirghi², Iuliana Petrovan¹
¹Ștefan cel Mare” University of Suceava, Romania. ²West University of Timișoara, Romania
- 192 **Using Spatial Analysis to Assess Cohesion for Sustainable Development Goals**
Elena-Maria Prada, Erika Marin, Smaranda Cimpoeru
 Bucharest University of Economics Studies, Romania
- 194 **Spatial variations of the unemployment rate's determinants at regional European level**
Smaranda Cimpoeru, Elena Prada
 Bucharest University of Economic Studies, Romania

SS22 Poverty and social exclusion in the peripheries

08:30-10:30 Thursday, 11 April 2024

Room Bartók Béla (1.14)

Chair **András Molnár**

262 Spatial analysis of crime in Ecuador

[Carolina Guevara](#)¹, [Stefany Llumiquinga](#)², [Melany Tulcán](#)², [Miguel Flores](#)³

¹Departamento de Economía Cuantitativa, Escuela Politécnica Nacional, Ecuador. ²Escuela Politécnica Nacional, Ecuador.

³Tecnológico de Monterrey, Mexico

283 Exploring narratives of social integration: Civic roles in alleviating poverty

[Luca Sára Bródy](#)

HUN-REN KRTK Regional Studies Institute, Hungary

336 Role of interpersonal support in community resilience

[András Molnár](#)

University of Pécs, Hungary

344 Roma population on the peripheries of Hungary – spatial pattern of recent ethnic changes

[János Péntzes](#)

University of Debrecen, Hungary

RS10.7 Regional development

08:30-10:30 Thursday, 11 April 2024

Room Rechnitzer János (1.15)

Chair **Kosyo Stoychev**

334 The effect of cultural capital on income distribution

[Tsuyoshi Shinozaki](#)

Tohoku Gakuin University, Japan

342 Just Transition, Smart Specialization and Re-industrialization: Perspectives for Bulgaria

[Kosyo Stoychev](#)

BRSA, Sofia University, Bulgaria

355 Sustainable cultural policy in regional government after the European Capital of Culture project

[Lukas Alsys](#)^{1,2}, [Milda Rutkauskaitė](#)^{1,2}

¹Kaunas HEI, Lithuania. ²Vytautas Magnus University, Lithuania

400 Examining the Impact of EU Funding in the Mezőkövesd District in 2014-2020, with a Special Focus on Job Creation and Economic Development

[Boglárka Bánné Gál](#), [György Kocziszky](#)

Borsod-Abaúj-Zemplén Vármegye Önkormányzata, Hungary

SS01 The spatial, regional and urban dimensions of circular economy

08:30-10:30 Thursday, 11 April 2024

Room Csatóri Bálint (1.45)

Chair **Sébastien Bourdin**

- 9 **How are Europe's cities and regions contributing to Europe's green transition by boosting the circular economy?**
[Sébastien Bourdin](#), [Nicolas Jacquet](#)
 EM Normandie Business School, France
- 69 **Platform-attracted urban places - a Hungarian case study about the spatial dimensions**
[Dóra Bálint](#)
 HUN-REN Centre for Economic and Regional Studies, Hungary
- 146 **Assessing and Comparing the Circular Economy Performance of Small Island Developing States**
[Chloë Francomme](#)
 Université de La Réunion, France
- 202 **Using an Inverse Planning Approach in the Aspect of Green Transition: Index Theory Study Using the Konüs Index and the Neo-Walrasian Equilibrium for Biofuels and Green Energy in the Regional Space**
[Tünde Olexó](#)
 Széchenyi István University, Doctoral School of Regional- and Business Administration Sciences, Hungary

RS19.1 Green economy and complexity of socio-ecosystems

08:30-10:30 Thursday, 11 April 2024

Room Liszt Ferenc (2.09)

Chair **María García-Alcober**

- 156 **European SMEs towards a Green Economy**
[María P. García-Alcober](#), [Ana Isabel Mateos-Ansótegui](#), [María Teresa Pastor Gosálbez](#)
 University CEU Cardenal Herrera, Spain
- 308 **Exploring the optimal policy pathway for maximizing the economic, environmental and energy value of biomass resources with a dynamic simulation model**
[Xiaoxiao Hao](#)
 China university of Geosciences in Beijing, China
- 312 **Wind, Solar, and Beyond: Mapping the Progress of Sustainable Energy Transition in Jordan**
[Hiba Shakhashiro](#), [Mária Szalmáné Csete](#)
 Department of Environmental Economics and Sustainability, Faculty of Economic and Social Sciences, Budapest University of Technology and Economics, Hungary

RS15.1 Theoretical and empirical urban economics

08:30-10:30 Thursday, 11 April 2024

Room Varga Attila (2.10)

Chair **Eğinc Simay Ertürk**

114 China's Foregone Urbanization Dividend: Declining Agglomeration Elasticities and Misplaced Construction

Chao Li¹, John Gibson², Bonggeun Kim³

¹University of Auckland, New Zealand. ²University of Waikato, New Zealand. ³Seoul National University, Korea, Republic of

176 Searching for the impact of network connectivity on borrowing performance: The case of Turkey

Eğinc Simay Ertürk, Ferhan Gezici

Istanbul Technical University, Turkey

228 Glaeser Meets Ellison: Coagglomeration and Consumption Amenities

Andrea Caragliu¹, Martijn Smit², Frank van Oort³

¹Politecnico di Milano, Italy. ²Utrecht University, Netherlands. ³Erasmus University Rotterdam, Netherlands

RS16.1 Tourism

08:30-10:30 Thursday, 11 April 2024

Room Enyedi György (2.41)

Chair **Bogdan Ibanescu**

13 Strategic dimensions of domestic wine marketing

Judit Tessényi, Norbert Katona

Neumann János Egyetem, Hungary

54 The competitiveness of tourist destinations in Hungary: the newest results

Géza Tóth^{1,2}, Lóránt Dénes Dávid³

¹Hungarian Central Statistical Office, Hungary. ²University of Miskolc, Hungary. ³John von Neumann University, Hungary

87 Examining the results of the developments of Hungarian National Palace and Castle Program in the light of sustainability

Krisztina Balázs-Bécsi

University of Pécs - PhD student, Hungary

188 The resilient dimension of the "smart tourism"? A case study on urban areas

Bogdan-Constantin Ibanescu, Gabriela Carmen Pascariu, Alexandru Banica, Ioana Bejenaru

Alexandru Ioan Cuza University of Iasi, Romania

Coffee break

10:30-11:00 Thursday, 11 April 2024

PARALLEL SESSIONS (9)

11:00-13:00 Thursday, 11 April 2024

SS15 Methodological challenges of statistics

11:00-13:00 Thursday, 11 April 2024

Room Kodály Zoltán (0.23)

Chair **Eva Laczka**

- 130 Methodological problems of measuring territorial happiness**
[Boglárka Barsi](#)
 Centre for Economic and Regional Studies, Hungary
- 174 Poverty measures at the regional level**
[Mónika Galambosné Tiszberger](#), [Hanga Bilicz](#)
 University of Pécs, Faculty of Business and Economics, Hungary
- 180 Creating demographic projections for Hungary using agent-based modelling – first results from the 2022 population census**
[József Lennert](#)
 HUN-REN Közgazdaság- és Regionális Tudományi Kutatóközpont, Hungary
- 217 Hierarchical Cluster-Analysis of the European Regions**
[Bánhalmi Árpád](#)¹, [Benoist György](#)²
¹Budapest Business University - Faculty of International Management and Business, Hungary. ²Budapest Business University - Faculty of Finance and Accountancy, Hungary
- 231 Relations of prime and Fibonacci numbers and practical implementations in risk management**
[Peter Kovacs](#), [Tamas Racz](#), [Gabor David Kiss](#)
 Faculty of Economics and Business Administration, University of Szeged, Hungary

SS13 Ethnic issues in a regional context: the phenomenon, problematics, and manifestations of ethnoregionalism

11:00-13:00 Thursday, 11 April 2024

Room Horváth Gyula (0.24)

Chair **Nóra Baranyai**

- 120 Changes in ethnic structure and political representation in Upper Silesia**
[Nóra Baranyai](#)
 Institute for Regional Studies, Centre for Economic and Regional Studies, Hungary
- 121 Characteristics of ethnoregional communities in Central and Eastern Europe**
[Nóra Baranyai](#)
 Institute for Regional Studies, Centre for Economic and Regional Studies, Hungary
- 141 Problem or Potential? – Native ethnic minority communities in development and spatial policies**
[Gábor Mozga](#)^{1,2}, [Márton Péti](#)^{1,3}
¹Research Institute for National Strategy, Hungary. ²Corvinus University of Budapest, Hungary. ³University of Pannonia, Hungary
- 187 Ethnoregionalism and tertiary education – The educational positions of Hungarian ethnoregional communities in Central and Eastern Europe**
[Mátyás Borbély](#)
 Research Institute for National Strategy, Hungary. Corvinus University of Budapest, Hungary
- 216 Ethnic Hungarians and Trans-Border Regions in the Social Media: Bipolar Communication on Nationhood and Belonging**
[Gyöngyi Schwarcz](#)
 Research Institute for National Strategy, Hungary

SS05.2 EU Cohesion Policy in the age of permacrisis. Embracing resilience, transition and growth

11:00-13:00 Thursday, 11 April 2024

Room Kopátsy Sándor (0.51)

Chair **Daniela L. Constantin**

200 The Impact of Country Risk on FDI in European Countries

Simona Andreea Apostu, Erika Marin

Bucharest University of Economic Studies, Romania

254 Approaches to the Sustainability of the European Regions Based on the New Energy Sustainability Model for the Transition to Climate Neutrality

Romeo Victor Ionescu¹, Monica Laura Zlati¹, Valentin Marian Antohi^{1,2}, Costinela Fortea¹

¹Dunarea de Jos University of Galati, Romania. ²Transilvania University of Brasov, Romania

353 Territorial Cohesion in less developed regions: Questioning the effectiveness of Smart Specialisation Policies

Iózsef Benedek

Babeş-Bolyai University Cluj-Napoca, Romania. University of Miskolc, Hungary

RS19.2 Green economy and complexity of socio-ecosystems

11:00-13:00 Thursday, 11 April 2024

Room Bartók Béla (1.14)

Chair **Tünde Olexò**

56 How economic rent-seeking constraints the sustainability transition through spatial processes

Mihály Dombi

Budapest Business University, Hungary

71 The “dark green” side of economic complexity: evidence from Italian NUTS-3 regions

Roberto Antonietti, Pietro Luzzago

University of Padova, Italy

204 Measuring Sustainability Using the Konüs Index, and Fuzzy-Konüs Index in the Context of the Bible Based Ethical Legislation System

Tünde Olexó

Széchenyi István University, Doctoral School of Regional- and Business Administration Sciences, Hungary

RS16.2 Tourism

11:00-13:00 Thursday, 11 April 2024

Room Rechnitzer János (1.15)

Chair **Hiroyuki Shibusawa**

- 227 **Resilient Tourism Regions in Central Europe – a Classification Approach**
Zsófia Turnai, Gábor Koncz, Róbert Barna, Bernadett Horváthné Kovács
 Hungarian University of Agriculture and Life Sciences, Hungary
- 243 **Evaluation of Implementation Timing of COVID-19-related Policies and Regional Tourist Fluctuations: A Panel Data Approach**
Mingji Cui, Hiroyuki Shibusawa
 Toyohashi University of Technology, Japan
- 327 **Cultural tourism development in the Komárom-Komarno cross border area**
Tamás Hardi, Melinda Smahó, Andrea Pozsgai, Eszter Csányiné Szemerédi, Marcell Kupi
 HUN-REN Centre for Economic and Regional Studies Institute for Regional Studies West-Hungarian Research Institute, Hungary
- 385 **The Good, the Bad and the Ugly -- didactics of settlement marketing**
Tózsza István
 Head of Center for Economic Geography and Urban Marketing, John von Neumann University, Hungary

RS12.2 Spatial implications of climate and environmental change

11:00-13:00 Thursday, 11 April 2024

Room Csatári Bálint (1.45)

Chair **Ferenc Formann**

- 134 **Fair transition and environmental tax avoidance. The issue of carbon leakage and regional competitiveness**
Saverio Di Giorno, Gianluigi Cisco, Francesco Busato
 University of Naples Parthenope, Italy
- 343 **Some determinant factors of climate adaptation strategies – a comparison of two Hungarian and cross-border representative surveys**
Viktor Varjú
 Institute for Regional Studies, KRTK (HUN-REN), Hungary, MATE VFGI Rural and Regional Development Department, Hungary. Department of Community and Social Studies, Faculty of Humanities and Social Sciences, University of Pécs, Hungary
- 362 **Subsidiarity, planning, climate change through the example of the Danube-Tisza river**
Anna Ábrahám, Ferenc Formann, Csanád Horváth, Péter Topercer
 John von Neumann University, Hungary

RS15.2 Theoretical and empirical urban economics

11:00-13:00 Thursday, 11 April 2024

Room Enyedi György (2.41)

Chair **Vicente Royuela**

271 Urbanization and Slums: Evidence from Ecuador

Alessia Matano¹, Moisés Obaco², Vicente Royuela³

¹University of Rome "La Sapienza", Italy. ²Universidad Católica del Norte, Chile. ³AQR-IREA Research Group - Universitat de Barcelona, Spain

302 Transit-Oriented Development, Land Use and Travel Behavior: the case of Curitiba, Brazil

Alexandre Alves Porsse

Federal University of Parana, Brazil

335 How does the creative space shape a creative city? Evidence from China

Xueli Wang

Wuhan University, China. University of Hong Kong, Hong Kong

Lunch break

13:00-14:00 Thursday, 11 April 2024

PLENARY SESSION IV

14:00 - 15:30 Thursday, 11 April 2024

Auditorium 1.06

Keynote Speech



Mapping the Divide: Navigating the Microgeography and Geography of Polarisation and Discontent

Prof. Özge Öner

University of Cambridge, UK
ERSA

Coffee break

15:30-16:00 Thursday, 11 April 2024

CLOSING CEREMONY

16:00-18:00 Thursday, 11 April 2024

Auditorium (1.06)

Final Speeches



Hans Westlund
*President,
Regional Science
Association
International*



Balázs Forman
*Chair, Local
Organasing Committee*



József Kárpáti
*Chair, Local Organasing
Committee*



Andrea Caragliu
*Executive Director,
Regional Science
Association
International*

Thank you

The RSAI would like to thank all participants for joining in the 14th World Congress of the Regional Science Association International. Founded in 1954, the Regional Science Association International (RSAI) is an international community of scholars interested in the regional impacts of national or global processes of economic and social change. The work of RSAI draws on the expertise of many different disciplines and this multi-disciplinary approach helps to facilitate new theoretical insights for tackling regional problems. In turn this provides an increasing opportunity for academics within the Association to engage more fully with planners and policy makers. Building on a strong foundation of quantitative methods, regional science is at the cutting edge of research into new model design for regional analysis and impact assessment.

We hope you have found the conference informative and valuable.