# Programme Overview

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<th>Monday, April 8</th>
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<tr>
<td><strong>Registration desk</strong>&lt;br&gt;[08:00-08:30</td>
<td>Main Hall]</td>
<td><strong>Registration desk</strong>&lt;br&gt;[08:00-08:30</td>
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<tr>
<td><strong>Parallel session 2</strong>&lt;br&gt;[08:30-10:30]</td>
<td><strong>Parallel session 5</strong>&lt;br&gt;[10:30-11:30]</td>
<td><strong>Parallel session 8</strong>&lt;br&gt;[10:30-11:30]</td>
<td><strong>Parallel session 9</strong>&lt;br&gt;[11:00-13:00]</td>
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<tr>
<td><strong>Parallel session 3</strong>&lt;br&gt;[11:00-13:00]</td>
<td><strong>Parallel session 6</strong>&lt;br&gt;[11:00-13:00]</td>
<td><strong>Parallel session 7</strong>&lt;br&gt;[16:00-18:00]</td>
<td><strong>CLOSING CEREMONY</strong>&lt;br&gt;[16:00-18:00</td>
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<tr>
<td><strong>OPENING CEREMONY &amp; PLENARY SESSION I</strong>&lt;br&gt;Keynote speech: <strong>Sarah A. Low</strong>&lt;br&gt;Engagement and Collaboration: Community-framed research for rural resiliency in the face of climate change&lt;br&gt;<strong>Balázs Lengyel</strong>&lt;br&gt;Small worlds of regional development&lt;br&gt;[13:00-15:30</td>
<td>Auditorium]</td>
<td><strong>LUNCH</strong>&lt;br&gt;[13:00-14:00]</td>
<td><strong>LUNCH</strong>&lt;br&gt;[13:00-14:00]</td>
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<tr>
<td><strong>PLENARY SESSION II</strong>&lt;br&gt;Keynote speech: <strong>Eduardo Haddad</strong>&lt;br&gt;Modeling Spatial and Economic Impacts of Disasters&lt;br&gt;[14:00-15:30</td>
<td>Auditorium]</td>
<td><strong>LRPC of the RSAI meeting</strong>&lt;br&gt;[13:00-14:00]</td>
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<tr>
<td><strong>PLENARY SESSION III</strong>&lt;br&gt;Keynote speech: <strong>Hee-Jung Jun</strong>&lt;br&gt;Urban Housing Development in Korea from a Comparative Perspective&lt;br&gt;[14:00-15:30</td>
<td>Auditorium]</td>
<td><strong>PLENARY SESSION IV</strong>&lt;br&gt;Keynote speech: <strong>Özge Öner</strong>&lt;br&gt;Mapping the Divide: Navigating the Microgeography and Geography of Polarisation and Discontent&lt;br&gt;[14:00-15:30</td>
<td>Auditorium]</td>
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<tr>
<td><strong>COFFEE BREAK</strong>&lt;br&gt;[15:30-16:00]</td>
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<tr>
<td><strong>OECD Policy Session</strong>&lt;br&gt;Shrinking Smartly – Managing Population Decline in Cities and Regions&lt;br&gt;[16:00-18:00</td>
<td>Auditorium]</td>
<td><strong>DG Regio Policy Session</strong>&lt;br&gt;Cohesion Policy’s contribution for solving legal obstacles in Cross-Border regions&lt;br&gt;[16:00-18:00</td>
<td>Auditorium]</td>
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<tr>
<td><strong>Welcome Reception</strong>&lt;br&gt;[18:00-19:00</td>
<td>University Main Hall]</td>
<td><strong>Job Market Session</strong>&lt;br&gt;Working for international institutions&lt;br&gt;[18:00-19:00]</td>
<td><strong>GALA DINNER</strong>&lt;br&gt;[19:00-22:00</td>
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### Overview Parallel Sessions

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<td>Room 0.23</td>
<td>Room 0.24</td>
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<td>Room 1.14</td>
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<td>Room 1.45</td>
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<td>Room 2.09</td>
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**Monday, April 8 [16:00-18:00] Parallel session 1**

<table>
<thead>
<tr>
<th>Room 0.23</th>
<th>RS10.1 Regional development</th>
<th>Room 0.24</th>
<th>SS14 Sustainable Rural Development and Agricultural Resilience in a Globalized Landscape</th>
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<tr>
<td>Room 0.51</td>
<td>SS24 300 years of Alföld and modernization. The history of Budapest as a function of innovations</td>
<td>Room 1.14</td>
<td>SS18 Resilience and Risk Management</td>
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<tr>
<td>Room 1.15</td>
<td>SS18 Regional and urban innovation by Industry 4.0 &amp; 5.0</td>
<td>Room 1.45</td>
<td>SS10 Regional Development and Sustainable Peace</td>
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<tr>
<td>Room 2.09</td>
<td>RS08 Real estate and housing</td>
<td>Room 2.10</td>
<td>RS04 Local finance</td>
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<td>Room 2.41</td>
<td>RS17 Globalization and territorial intelligence</td>
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**Tuesday, April 9 [08:30-10:30] Parallel session 2**

<table>
<thead>
<tr>
<th>Room 0.23</th>
<th>RS02.1 Creating Shared Value (CSV) for Sustainable Regional Development</th>
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<tr>
<td>Room 0.24</td>
<td>SS06.1 Cities and climate change</td>
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<tr>
<td>Room 1.14</td>
<td>RS03.1 Knowledge and innovation</td>
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<tr>
<td>Room 1.15</td>
<td>SS04.1 A New Toolbox for Novel Research in Regional, Urban and Spatial Studies</td>
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<tr>
<td>Room 1.45</td>
<td>RS09.1 Regional and urban policy</td>
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<tr>
<td>Room 2.09</td>
<td>RS11.1 Rural development</td>
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<tr>
<td>Room 2.41</td>
<td>RS07.1 Migration and regional labor markets</td>
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**Tuesday, April 9 [11:00-13:00] Parallel session 3**

<table>
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<tr>
<th>Room 0.23</th>
<th>RS02.2 Creating Shared Value (CSV) for Sustainable Regional Development</th>
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<tr>
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<td>SS06.2 Cities and climate change</td>
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<tr>
<td>Room 1.14</td>
<td>RS10.2 Regional development</td>
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<td>RS03.2 Knowledge and innovation</td>
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<td>SS04.2 A New Toolbox for Novel Research in Regional, Urban and Spatial Studies</td>
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<td>RS11.2 Rural development</td>
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<td>RS07.2 Migration and regional labor markets</td>
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**Tuesday, April 9 [16:00-18:00] Parallel session 4**

<table>
<thead>
<tr>
<th>Room 0.23</th>
<th>SS06.3 Cities and climate change</th>
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<td>RS10.3 Regional development</td>
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<td>Room 1.14</td>
<td>RS09.3 Regional and urban policy</td>
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<tr>
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<td>SS04.3 A New Toolbox for Novel Research in Regional, Urban and Spatial Studies</td>
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<td>Room 1.45</td>
<td>RS11.3 Rural development</td>
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<td>RS07.3 Migration and regional labor markets</td>
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<tr>
<td>Room 2.41</td>
<td>RS03.3 Knowledge and innovation</td>
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**Wednesday, April 10 [08:30-10:30] Parallel session 5**

<table>
<thead>
<tr>
<th>Room 0.23</th>
<th>SS08.1 Territorial disparities defined along rural-urban axes</th>
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<tbody>
<tr>
<td>Room 0.24</td>
<td>SS16.1 Global Value Chains restructuring, regional dynamics and inequalities</td>
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<tr>
<td>Room 1.14</td>
<td>SS03 Regional Development and Integration in Eurasia in the Belt and Road Era</td>
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<tr>
<td>Room 1.15</td>
<td>SS10.4 Regional development</td>
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<tr>
<td>Room 1.45</td>
<td>RS03.4 Knowledge and innovation</td>
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<td>Room 2.09</td>
<td>RS06.1 Methods in Regional Science and Urban Economics</td>
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<tr>
<td>Room 2.41</td>
<td>RS14.1 The spatial dimension of sustainable development</td>
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<tr>
<td>Room 2.10</td>
<td>RS09.4 Regional and urban policy</td>
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**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 restructurin, regional dynamics and inequalities
- RS10.5 Regional developmen t
- RS03.5 Knowledge and innovation
- SS17 Towards local developmen t through a sustainable valorization of cultural heritage: the role of tourism
- RS14.2 The spatial dimension of sustainable developmen t
- 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 developmen t
- RS09.6 Regional and urban policy
- RS06.3 Methods in Regional Science and Urban Economics
- RS10.6 Regional developmen t

**Thursday, April 11 [08:30-10:30] Parallel session 8**

- RS12.1 Spatial implications of climate and environmen tal 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
- 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 Methodologi cal challenges of statistics
- SS13 Ethnic issues in a regional context: the phenomenon, problematic, and manifestatio ns of ethnoregionalism
- 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 environmen tal 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 Karpash¹, Andriy Yavorskiy², Ihor Rybitskiy¹, Liubomyr Zhovtulia², Vitalii Tsykh¹
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 Buriachenko¹, Hanna Kotina²,³, Maryna Stepura²,³
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, Linkoping 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 Goda1,2, 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 Abraham1,2, Adel Hogye1
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 Kovács¹, Csaba Ruszkal², Mária Vasvári³
¹Municipality of Kisérszálás, 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 Kovács¹, Szabolcs Mátyás²
¹Municipality of Kísújszállás, 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 Wang1,2, Jingjing Yan1,2, Ziyao An1,2, Zhangyang Li1,2
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 Gyulai¹,², Péter Wolf³, Ferenc Kása⁴, Zsolt János Viharos⁵,⁶
¹IQ Kecskeméti Industrial Research, Hungary. ²Szechenyi Istvan 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-II Park
Keimyung University, Korea, Republic of

292 Digital Entrepreneurship Ecosystem in the Central Eastern European countries in the 2017-2019 time period
László Szerb³, Enikő Czigler¹, Gergely Horváth²
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
Szechenyi Istvan 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 Ehlert, Andreas Lagemann, Jan Wedemeier
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
Pınar Gökçe
Istanbul Technical University, Turkey

125 Exploring the association between the marketing of properties and neighborhood change
Isabelle Nilsson, Elizabeth Delmelle
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 Ross, Amir Ferreira Neto, Rushaine Gouldbourne
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 Kiminami1, Lily Kiminami2, Shinichi Furuzawa2
1The University of Tokyo, Japan. 2Niigata University, Japan

35 A Mixed Methods Research on CSV Management in the Japanese Rice Flour-Related Business
Lily Kiminami1, Shinichi Furuzawa1, Akira Kiminami2
1Niigata University, Japan. 2The University of Tokyo, Japan

43 Diversity Management in Japanese Agriculture for Creating Shared Value
Shinichi Furuzawa1, Lily Kiminami1, Akira Kiminami2
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 Mingxia1, Yi Liangjun2
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, Inggrid Inggrid
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 Kikushima2, 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, Martin 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 Józwiak3, 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, Mariusz 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 Li¹,², Tieshan Sun¹, Hongming Zhang¹,²
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
Richard Kősző
Richard Kősző 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 - CIRED, 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 Vasárú, 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 Westlund1, Kamila Borsekova2
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 Rana1, Lily Kiminami2, Shinichi Furuzawa2
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 Rahe1, Juo-Han Tsay1, Sarah Low2
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 Ilyés²-³, László Lőrincz¹-², 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 Furuizawa²
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

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 Gal1,2, 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-Seiring1, Veronika Desch1, Balázs Páger1,2, 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 Jiao1,2, Hongbing Deng1,2, Shengmei Hu1,2
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 Hőgye2, 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**

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<td>95</td>
<td>Entropic Generalized Q Analysis</td>
<td>11:00-13:00</td>
<td>Csatári Bálint (1.45)</td>
<td>Katarzyna Kopczewska</td>
<td>Tomaz Dentinho (University of Azores, Portugal)</td>
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<td>139</td>
<td>Spatio-temporal Evolution of Patent Clusters: A Comprehensive Analysis from 1980 to 2010 in the UK</td>
<td>11:00-13:00</td>
<td>Csatári Bálint (1.45)</td>
<td>Katarzyna Kopczewska</td>
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<td>215</td>
<td>Interfirm Networks behind Coagglomeration</td>
<td>11:00-13:00</td>
<td>Csatári Bálint (1.45)</td>
<td>Katarzyna Kopczewska</td>
<td>Sandor Juhasz, Zoltan Elekes, Virag Ilyes, Frank Neffke</td>
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### RS09.2 Regional and urban policy

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

**Room Liszt Ferenc (2.09)**

**Chair Dagmara Kociuba**

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<td>A successor model to FDI-driven regional development in Central and Eastern Europe? Challenges, concepts, and exploratory scenarios</td>
<td>11:00-13:00</td>
<td>Liszt Ferenc (2.09)</td>
<td>Dagmara Kociuba</td>
<td>Gábor Lux, Zoltan Gal</td>
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<td>115</td>
<td>Policy and governance of functional urban areas - the case of Poland</td>
<td>11:00-13:00</td>
<td>Liszt Ferenc (2.09)</td>
<td>Dagmara Kociuba</td>
<td>Maria Curie-Skłodowska University in Lublin, Poland</td>
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<td>123</td>
<td>Suburbanization within the city: An apparent paradox and its environmental consequences in the case of Hungarian rural centers.</td>
<td>11:00-13:00</td>
<td>Liszt Ferenc (2.09)</td>
<td>Dagmara Kociuba</td>
<td>Gábor Vasárus, József Lennert</td>
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<td>129</td>
<td>AI and Polish FUA: in search of a tailored geographical scale of functional areas</td>
<td>11:00-13:00</td>
<td>Liszt Ferenc (2.09)</td>
<td>Dagmara Kociuba</td>
<td>Elia Vettorato</td>
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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. ³Ininguna, 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, RSAI 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\textsuperscript{1,2}, Qilin Cao\textsuperscript{1}, Wei Yang\textsuperscript{1,2}, Zhifu Mi\textsuperscript{2}
\textsuperscript{1}Jilin University, China. \textsuperscript{2}University College London, United Kingdom. \textsuperscript{3}Cardiff 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
Istvan 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 Zhu\textsuperscript{1}, Zhen Xu\textsuperscript{2}
\textsuperscript{1}Peking University, China. \textsuperscript{2}Qiyuan Lab, Beijing, China

90 Unveiling Region-Specific Effects of EU Cohesion Policy
Ivana Biondic\textsuperscript{1,2}, Jaksa Puljiz\textsuperscript{1}
\textsuperscript{1}Institute for Development and International Relations, Croatia. \textsuperscript{2}University 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 Gedecho¹, Bernadett Horvathne Kovacs²
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 Ibanescu¹, Mioara Cristea², Alexandra Gheorghiu¹
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 Guo¹, Chaoyi Huang¹, Zhijian Miao², Weimin Zhuang¹
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 Persyn¹,², 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 Erőss*
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

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\textsuperscript{1,2}, Marco Ciro Liscio\textsuperscript{1}, Zeno Olimini\textsuperscript{2}, Alice Amatore\textsuperscript{2}
\textsuperscript{1}Università Politecnica delle Marche, Italy. \textsuperscript{2}EUAbout, 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 Czimrő\textsuperscript{1}, Zsofia Szaniszlo\textsuperscript{1}, Andras Ricz\textsuperscript{2}, Imre Nagy\textsuperscript{3}
\textsuperscript{1}Department of Social Geography and Regional Development Planning, Institute of Geosciences, Faculty of Science and Technology, University of Debrecen, Hungary. \textsuperscript{2}Regional Sciences Association, Subotica, Serbia. \textsuperscript{3}University 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 Zsibók\textsuperscript{1}, Ildikó Egyed\textsuperscript{2}
\textsuperscript{1}Centre for Economic and Regional Studies, Hungary. \textsuperscript{2}Centre 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

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 Török, József Benedek

164 Evaluating S3 interventions: An application of the GMR model in Centro region, Portugal
Norbert Szabó, Krisztina Polónyi-Andor, Tamás Sebestyén, Hugo Pinto

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  Perceptional 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’Erba1, André Chagas2, William Ridley3, Yilan Xu1
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 Forman1, János Blahó2, Máriusz Dunai2
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

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**Coffee break**

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

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**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 Sospiro¹, 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 Bernek¹,², 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, Abdelaziz 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

Éva Pálinkó¹,², 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)
Lívia 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

RS14.2  The spatial dimension of sustainable development
11:00-13:00 Wednesday, 10 April 2024
Room Liszt Ferenc (2.09)
Chair Damares Lopes Afonso

58  Land and deforestation embodied in trade: an analysis for Brazilian biomes
Damares 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

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 Liu1, Haosheng Yan2, Zebang Zhang3
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 Krabatné, 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, Maria 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 Miao1,2, Alessandro Bianchi2, lin zhang1
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 Hichri

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 Dombó1, 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 Tong1,2, 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 Topercer
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 kourtit2, 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 Sótero4
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 Interfluve, 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 University, Hungary

150  Types of the creative city
Szabolcs Morvay
Széchenyi István University, Hungary

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 Guevara¹, Stefany Llumiquinga², Melany Tulcán², Miguel Flores³
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 Pénzes
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
BRS, Sofia University, Bulgaria

355  Sustainable cultural policy in regional government after the European Capital of Culture project
Lukas Alsysis¹,², Milda Rutkauskaitē¹,²
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 Őnkormányzata, Hungary
SS01 The spatial, regional and urban dimensions of circular economy

08:30-10:30 Thursday, 11 April 2024
Room Csatári 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
Chloé 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 Eğinç Simay Ertürk

114  China’s Foregone Urbanization Dividend: Declining Agglomeration Elasticities and Misplaced Construction
Chao Li\(^1\), John Gibson\(^2\), Bonggeun Kim\(^3\)
\(^1\)University of Auckland, New Zealand. \(^2\)University of Waikato, New Zealand. \(^3\)Seoul National University, Korea, Republic of Korea

176  Searching for the impact of network connectivity on borrowing performance: The case of Turkey
Eğinç Simay Ertürk, Ferhan Gezici
Istanbul Technical University, Turkey

228  Glaeser Meets Ellison: Coagglomeration and Consumption Amenities
Andrea Caragliu\(^1\), Martijn Smit\(^2\), Frank van Oort\(^3\)
\(^1\)Politecnico di Milano, Italy. \(^2\)Utrecht University, Netherlands. \(^3\)Erasmus 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 Dávid\(^3\)
\(^1\)Hungarian Central Statistical Office, Hungary. \(^2\)University of Miskolc, Hungary. \(^3\)John 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 Tudományos Kutatóközpont, Hungary

217  Hierarchical Cluster-Analysis of the European Regions
Bánhalmi Árpád1, Benoist György2
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 Mozga1,2, Márton Péti1,3
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
Mátvás Borbély
Research Institute for National Strategy, 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 Ionescu, Monica Laura Zlati, Valentin Marian Antohi, Costinela Fortea
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
József Benedek
Babes-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 Olexò
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

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
Tózsa 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 Tópercer
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 Organising Committee

József Kárpáti  
Chair, Local Organising 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.