**Sponsors: RSAI, CREATE**

**Program organizers: Taejun Mo, Hyungsun Yim, Sandy Dall’erba**

**Wednesday**

• Workshop. Spatial Data Analysis and Econometrics with PySAL

8:00 am-5:00 pm | Registration required.

**Instructors**

* Luc Anselin - University of Chicago
* Eli Knaap - San Diego State University
* Serge Rey - San Diego State University

• Special session. TRSA ABC. Stands AI for “Auctor Intellectualis” or “Artificial

Intelligence”? The Potential of AI for Regional Science

• NARSC Plenary. RSAI Fellows Lecture

7:00 pm-8:00 pm |

Amit Batabyal, Rochester Institute of Technology

Title: Decentralized vs. Centralized Water Pollution Cleanup in the Ganges in a Model with Three Cities.

Introduction: Karima Kourtit, Open University of the Netherlands

• Icebreaker Reception

8:00 pm-9:00 pm |

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| **Thursday**8-10am:8 sessions10:30am-12:30pm: 8 sessions1:45pm-3:45pm: 9 sessions4-6pm: 9 sessions |  |   |
| **Coffee**  |  |  |
| 8-10 am  | **Special session:****Regional Economic Effects of Disasters 1 –** Session Organizers: Yasuhide Okuyama, University of KitakyushuSession Chair: Adam Rose, University of Southern California1) Short-term Impact of Natural Disasters on Retail Gasoline Prices. Ye-Rim Lee, Michigan State University; Dusan Paredes, Universidad Católica del Norte; Mark Skidmore, Michigan State University; Scott Loveridge, Michigan State University (Discussant: Adam Rose, University of Southern California)2) Economic Impacts of Complex Disasters Affecting the Twin Ports of Los Angeles and Long Beach. Adam Rose, University of Southern California; Nosh Miller, University of Southern California; Zhenhua Chen, Ohio State University; Fred Roberts, Rutgers University; Andrew Tucci, U.S. Coast Guard; Latha Vijayagopal, Rutgers University (Discussant: Amanda Ross, University of Alabama)3) Unveiling Dynamics in Climate Disaster Information Connectivity Across Regions: A Variance Decomposition Network Approach.Yilan Xu, University of Illinois; Siqi Zheng, Massachusetts Institute of Technology; Zhentao Shi, Chinese University of Hong Kong; Yi Huang, Nanjing Audit University; Sebastien Box-Couillard, University of Illinois (Discussant: Ye-Rim Lee, Michigan State University)4) Opportunistic Investment: The Political Economy Impacts of FEMA Hurricane DeclarationsAmir B. Ferreira Neto, Florida Gulf Coast University; Rushaine Goulbourne, Freddie Mac; Amanda Ross, University of Alabama (Discussant: Yilan Xu, University of Illinois)Schedule Requests: Because of the participants' travel schedules, this session needs to be scheduled either on Thursday, November 14, or Friday, November 15. Both sessions same day. |  |  |
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| **Regional Analysis of Economic Growth**Chair: Jean Dube, Universite Laval1. How the global financial and economic crisis affected the economic differences between European regions?

Justyna Wilk, Adam Mickiewicz University in Poznan; Tomasz Kossowski, Adam Mickiewicz University in Poznan (Discussant: Jean Dube, Universite Laval)1. How Public Spending and Infrastructure Shape Local Development?

Oussama Trabelsi, INRS-UCS; Jean Dube, Universite Laval (Discussant: Jean Dube, Universite Laval)1. Ex post assessment of the economic impacts on border regions of COVID-19 closures

Andrea Caragliu, Politecnico di Milano (Discussant: Steven Bond-Smith, University of Hawaiʻi at Mānoa)1. A CPI-based price parity index for US cities: Implications for examining local economic performance

Steven Bond-Smith, University of Hawaiʻi at Mānoa; Younghan Lee, University of Hawaiʻi at Mānoa (Discussant: Justyna Wilk, Adam Mickiewicz University in Poznan) |  |  |
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| **Issues in Labor Market: Technological Change and Innovation**Chair: Timothy R Wojan, Oak Ridge Institute for Science and Education1. Local Labor Market Effects of Amazon

Evan Cunningham, University of Minnesota (Discussant: Jihan Park, Pusan National University)1. Occupational impact of 4.0 technologies and the co-evolution of technological change and labor markets during economic shocks in US metropolitan areas

Jihan Park, Pusan National University; Donghyun Kim, Pusan National University (Discussant: Timothy R Wojan, Oak Ridge Institute for Science and Education)1. Arts Avocations and the ‘Leonardo Effect’: Does Artistic Imagination Fuel Innovation?

Timothy R Wojan, Oak Ridge Institute for Science and Education (Discussant: Camilla Lenzi, Politecnico di Milano )1. Automation and income distribution: the role of sectoral and territorial market power

Roberta Capello, Politecnico di Milano; Camilla Lenzi, Politecnico di Milano; Elisa Panzera, Politecnico di Milano (Discussant: Evan Cunningham, University of Minnesota) |  |  |
| **Regional Disamenities: Evaluation and Policy Impacts**Chair: Claudio Detotto, University of Corsica1. ILLUMINATING PUBLIC SAFETY: EVALUATING THE IMPACT OF A PLACE-BASED INTERVENTIONS ON CRIME, EVIDENCE FROM BOSTON

Andres Sanchez-Sadarriaga, EAFIT University; Juan Muñoz-Mora, EAFIT University; Camilo Acosta, EAFIT University (Discussant: Euijun Kim, Louisiana State University)1. Disamenities and Rural Economies

Euijun Kim, Louisiana State University; Matt Fannin, Louisiana State University (Discussant: Claudio Detotto, University of Corsica)1. The impact of port noise on residents’ willingness to pay

Laura Ciucci, University of Artois; Claudio Detotto, University of Corsica; Corinne Idda, University of Corsica; Dominique Prunetti, University of Corsica (Discussant: Minjae Yun, Claremont McKenna College)1. Identifying Effective Programs to Exit Homelessness: A System-wide Perspective Using Machine Learning

Soomi Lee, University of La Verne; Minjae Yun, Claremont McKenna College (Discussant: Andres Sanchez-Sadarriaga, EAFIT University) |  |  |
| NARSC Council Meeting (Invitation only) Attendees: Genevieve Giuliano giuliano@usc.edu; Dall'Erba, Sandy dallerba@illinois.edu; Das, Biswa [C R P] bdas@iastate.edu; Clio Andris clio.andris@design.gatech.edu; Sarah Low salow2@illinois.edu; Christa Court ccourt@ufl.edu; Eli Knapp eknaap@sdsu.edu; (or Neil Reid neil.reid@utoledo.edu); Hanxue Wei hw652@cornell.edu; Newbold, Bruce newbold@mcmaster.ca; Tessa Conroy tessa.conroy@wisc.edu; Ting Zhang tzhang@ubalt.edu; Amanda L. Weinstein aweinstein@uakron.edu; Jaewon Lim jaewon.lim@unlv.edu; John Sporing executivedirector@narsc.org ; Andrea Antonio Caragliu andrea.caragliu@polimi.it; Haifeng Qian;  Rosella Nicolini rosella.nicolini@uab.cat; Isabelle Nilsson inilsso1@uncc.edu; Dobis, Elizabeth - REE-ERS, Kansas City, MO elizabeth.dobis@usda.gov; Winters, John V [ECON] winters1@iastate.edu; (or Heather Stephens heather.stephens@mail.wvu.edu);  'Plane, David - (plane' <plane@arizona.edu>; 'jkohlhase@uh.edu' <jkohlhase@uh.edu>; (or Mack, Elizabeth emack@msu.edu)Potentially: Drucker, Joshua M <jdruck@uic.edu>; Yuri Mansury ymansury@iit.edu; Tomás Lopes Cavalheiro Ponce Dentinho tomas.lc.dentinho@uac.pt; Eric Delmelle Eric.Delmelle@uncc.edu; |  |  |
| **Innovation in Regional Economic Development**Chair: Jiwoo Jeong, University of Seoul1) Investigating the Regional Growth of AI Jobs: An Assessment of In-Demand Skills, Andrew Crawley, University of Maine (Discussant: Jiwoo Jeong)2) International Students as Catalysts for Regional Economic Growth: Insights from Suwon, South Korea, Jiwoo Jeong, University of Seoul (Discussant: Amanda Weinstein)3) Swimming upstream on the path to thriving, Amanda Weinstein, Center on Rural Innovation (Discussant: Mark Partridge)4) Does cultural diversity matter for innovation? Empirical evidence from large-scale internal migration in China, Mark Partridge, Ohio State University (Discussant: Andrew Crawley) |  |  |
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| **Spatial Analysis and Econometric Modeling**Chair: Ingmar Prucha, University of Maryland1. A Spatially Informed Solving Approach for the Obnoxious Location Problem, Changwha Oh, University of Tennessee (Discussant: Haojian Liang)
2. A New Method for the Optimal Selection of Billboard Locations via Deep Reinforcement Learning, Haojian Liang, Case Western Reserve University (Discussant: Ingmar Prucha)
3. On Testing for Spatial or Social Network Dependence in Panel Data Allowing for Network Variability, Ingmar Prucha, University of Maryland (Discussant: Kelley Pace)
4. Simple Closed-form Relations between Symmetric and Non-Symmetric Spatial Weight Matrices, Kelley Pace, Louisiana State University (Discussant: Changwha Oh)
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| **Public Finance**Chair: Sushant Singh, University of Oklahoma1. Interregional Fiscal Redistribution in India: Methods and New Estimates, Deepak Sethia, Indian Institute of Management Indore (Discussant: Javier Pérez)
2. Fiscal performance and institutions in Latin America, Javier Pérez, Banco de la República (The Central Bank of Colombia) (Discussant: Sushant Singh)
3. The effects of IMF programs and conditionality on food self sufficiency, Sushant Singh, University of Oklahoma (Discussant: Cynthia Rogers)
4. Tax Increment Financing and School Funding in Oklahoma: The Split Matters, Cynthia Rogers, University of Oklahoma (Discussant: Deepak Sethia)
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| 10-10:30 am  | **Coffee break** |  |   |
| 10:30am-12:30pm  | **Special session:****Regional Science, Climate Change, Environmental Footprint 1** Session Organizers: Sandy Dall’erba, University of Illinois at Urbana-Champaign; Stephan Goetz, Penn State University; Lei Zhang, Old Dominion UniversitySession Chair: Sandy Dall'erba, University of Illinois at Urbana-Champaign1. What role has trade and economic integration played in the agrifood value chain in North America?

Sandy Dall'erba, University of Illinois at Urbana-Champaign; Claudia Montania, University of Arizona; Alberto Franco Solís, National Renewable Energy Laboratory (Discussant: Tim Wojan, Oak Ridge Institute for Science and Education)1. Impact of Extreme Weather Events on the U.S. Domestic Supply Chain of Food Manufacturing

Hyungsun Yim, University of Illinois at Urbana-Champaign; Sandy Dall'erba, University of Illinois at Urbana-Champaign (Discussant: Stephan J. Goetz, Pennsylvania State University)1. Changes in Renewable Energy Production on U..S.. Farms,, 2017--2022:: A State--Level Analysis

Tim Wojan, Oak Ridge Institute for Science and Education; Zheng Tian, Pennsylvania State University ; David Kay, Cornell University; and Stephan J. Goetz, Pennsylvania State University (Discussant: Hyungsun Yim, University of Illinois at Urbana-Champaign)1. Economic Impact Assessment of the “720” Heavy Rain Disaster: a CGE approach

Xiangwei Sun, University of Illinois Urbana-Champaign; Na Li, Chinese Academy of Sciences; Sandy Dall'erba, University of Illinois Urbana-Champaign (Discussant: Claudia Montania, University of Arizona)Schedule Requests: Thursday or Friday |  |  |
| **NARSC Organized Session: Spatial econometric methods and applications**Session Organizers: Giuseppe Arbia, Università Cattolica del Sacro Cuore, MilanoSession Chair: Giuseppe Arbia, Università Cattolica del Sacro Cuore, Milano

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1. Assessing the robustness to outliers of spatial econometric models: vincenzo nardelli, Catholic University; and Giuseppe Arbia, Università Cattolica del Sacro Cuore, Milano (Discussant: Natalia Bailey, Monash University)

2) My neighbour's neighbour is not my neighbour: Instrumentation and causality in spatial models : Natalia Bailey, Monash University; Jan Ditzen, Free University of Bozen-Bolzano; and Sean Holly, Cambridge University (Discussant: Vincenzo Nardelli, Università Cattolica del Sacro Cuore, Milano)3) Modelling spatial density – available toolbox linking spatial statistics, spatial econometrics and spatial machine learningKatarzyna Kopczewska, University of Warsaw (Discussant: ChenLun Kao, Arizona State University) 4) An Overview of MGWR Software Development, Comparison and Bandwidth Sensitivity AnalysisChenLun Kao, Arizona State University; Stewart Fotheringham, Arizona State University (Discussant: Katarzyna Kopczewska, University of Warsaw)Schedule Requests: Because of the participants' travel schedules, this session needs to be scheduled either on Thursday, November 14, or Friday, November 15. |  |  |
| **Infrastructure and Urban Safety**Chair: Janet Kohlhase, University of Houston1. NFIP Insurance, Non-Major Flooding Events, and Learning

Mitchell Livy, California State University – Fullerton (Discussant: Kiyomi Kawamoto, University of Hawaii)1. The valuation of green infrastructure for wildfire mitigation

Kiyomi Kawamoto, University of Hawaii; Masafumi Morisugi, Meijo University; Eric Yamashita, University of Hawaii (Discussant: Vanessa Echeverri Figueroa, University of Califirnia, Santa Barbara)1. Urban Safety and the Role of Hydrant Structure and Configuration

Vanessa Echeverri Figueroa, University of Califirnia, Santa Barbara; Alan Murray, University of California at Santa Barbara (Discussant: Flávia Chein, Federal University of Juiz de Fora)1. THE IMPACT OF HYDROLOGICAL DISASTERS ON CHILD HEALTH: EVIDENCE FOR BRAZIL

ANA LUCRÉCIA DUTRA DE Souza, Federal University of Juiz de Fora; Flávia Chein, Federal University of Juiz de Fora; Igor Procópio, Federal University of Juiz de For a (Discussant: Mitchell Livy, California State University – Fullerton) |  |  |
| **Housing and Neighborhood Change**Chair: Lei Ma, Boston University1. Lot Sizes, Welfare and Urban Structure: A View from the United States, James Macek, University of Toronto (Discussant: Lei Ma, Boston University)

2) Build What and Where? The Distributional Impact of Construction, Lei Ma, Boston University (Discussant: Zurikanen Iddrisu, University of North Carolina at Charlotte)3) Determinants of Corporate Investment in Single Family Rental Housing in Charlotte, North Carolina, Zurikanen Iddrisu, University of North Carolina at Charlotte (Discussant: Herman Donner, KTH Royal Institute of Technology)4) The Impact of Housing Ques on the Age-Distribution of New RentersHerman Donner, KTH Royal Institute of Technology (Discussant: James Macek, University of Toronto) |  |  |
| **Social Capital and Well-being**Chair: Matthew Roskruge, Massey University1. Investigating the relationship between social capital and satisfaction with current neighborhood under impact of urban renewal: a case study of Chongqing, China

tongyun du, Beijing normal university (Discussant: Matthew Roskruge, Massey University)1. Māori social capital and wellbeing

Matthew Roskruge, Massey University (Discussant: Marco Modica, Gran Sasso Science Institute)1. Can’t Shake It Off. Earthquakes and hate manifestations in Italy.

Marco Modica, Gran Sasso Science Institute; Daria Denti, Gran Sasso Science Institute; Alessandra Faggian, Gran Sasso Science Institute (Discussant: Tongyun du, Beijing normal university) |  |  |
| **Residential and Racial Segregation**Chair: Jaewon Park, Pusan National University1. The Long-Run and Intergenerational Effects of the Institutionalization of Redlining

Craig Carpenter, Michigan State University; John Anders, Trinity University (Discussant: Jaewon Park, Pusan National University)1. Residential Income Segregation's Patterns and Local Determinants: Case from the South Korea

Jaewon Park, Pusan National University; Donghyun Kim, Pusan National University (Discussant: Charlotta Mellander, Jönköping University)1. Paths of Persistence? Adolescence socioeconomic segregation and high-status jobs in adulthood

Charlotta Mellander, Jönköping University; Sofia Wixe, Jönköping University; Jose Lobo, Arizona State University (Discussant: Youhyun Kim, Pusan national university)1. Research on the impact of heat waves on residential segregation

Youhyun Kim, Pusan national university; Donghyun Kim, Pusan National University (Discussant: Craig Carpenter, Michigan State University)  |  |  |
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| **Special Organized Session: Outreach in Regional Science I**Sponsored by *Reaching Regions*Organizers: Heather Stephens, West Virginia University, and John Winters, Iowa State UniversityChair: Heather StephensPapers:1. Ayoung Kim, Mississippi State University

“Consumers’ Willingness to Pay for US Broadband: Synthesizing Literature for Extension and Outreach Implications” (Discussant: Christa Court, University of Florida)1. Kevin Kane, Southern California Association of Governments, and Sarah Dominguez, Southern California Association of Governments

Presenter: Kevin Kane“Regional climate planning in its adolescence: A framework for evaluating fifteen years of Sustainable Communities Strategies in Southern California” (Discussant: Heather Stephens, West Virginia University)1. Biswa Das, Iowa State University

“A Case Study of Local Government fragmentation in Iowa: Impacts and Implications” – (Discussant: John Winters, Iowa State University)1. Amanda Weinstein, Center on Rural Innovation, and May Erouart, Center on Rural Innovation

Presenter: Amanda Weinstein“Swimming upstream on the path to thriving” – (Discussant: Ayoung Kim, Mississippi State University)Request: NOT SATURDAY |  |  |
| **Special Organized Session: Regional/Rural Development Sessions I: Housing and where we live.**Organizers: Tim Komarek, Colorado State University; Sarah Low, University of Illinois at Urbana-Champaign; Stephan Weiler, Colorado State UniversityChair: Mckenzie Boyce, University of Wisconsin – Madison1. From African American to Latino Immigrant Dominance: A Study of Ethnic Succession in Gardere's Low-Income Area

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|  | Xinying Zou, Louisiana State University (Discussant: Mckenzie Boyce, University of Wisconsin-Madison) |

1. Generational Population Shifts and Housing Affordability: A County-Level Analysis in the United States

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|  | Zheng Tian, Pennsylvania State University (Discussant: Xinying Zou, Louisiana State University |

1. Impacts of Medical Marijuana on Rural Oklahoma Home Values

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|  | Brian Whitacre, Oklahoma State University (Discussant: Zheng Tian, Pennsylvania State University |

1. Earnings, Rent, and Unemployment: Improving County-Level Quality of Life Estimates and Determining their Drivers

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|  | Mckenzie Boyce, University of Wisconsin-Madison (Discussant: Zheng Tian, Pennsylvania State University |

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| 12:30-1:45 pm  | **Lunch break on your own****SRSA Council Meeting (Invitation only)**Jason Brown, Carlianne Patrick, Caleb Stair, Christa Court, John Winters, Heather Stephens, Anil Rupasingha, Jia Wang, Elham Erfanian, Sebastian Leguizamon, Kyle Hood, Liz Dobis, Lei Zhang, Tammy Leonard**RSAI Council Meeting (Invitation only)**Andrea Caragliu, Sandy Dall’erba, Roberta Capello, Liz Mack, Haifeng Qian, Fernando Perobelli, Camilla Lenzi, André Chagas, Tomaz Dentinho, Katarzyna Kopczewska, Daniela Luminita-Constantin, Hiroyuki Shibusawa, Hans Westlund and Rosella Nicolini. |  |   |
| 1:45-3:45 pm  | **Special Organized Session: Regional/Rural Development Sessions II: labor and entrepreneurship**Organizers: Tim Komarek, Colorado State University; Sarah Low, University of Illinois at Urbana-Champaign; Stephan Weiler, Colorado State UniversityChair: Brian Whitacre, Oklahoma State University1. The Long-Run Effects of Tribal Colleges and Universities on Educational and Labor Market Outcomes

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|  | Heejin Kim, Michigan State University (Discussant: Brian Whitacre, Oklahoma State University) |

1. Factors Affecting Female Self-Employment in Rural Areas

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|  | Xiaoyin Li, West Virginia University (Discussant: Heejin Kim, Michigan State University) |

1. Where Unions Fell: The Geography and Demography of Union Formation in the U.S.

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|  | Zachary Schaller, Colorado State University (Discussant: Heejin Kim, Michigan State University) |

1. From Start-Up to Stability: An Assessment of Support Organizations’ Impact on Small Business Creation and Maturation in Rural Counties

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|  | Brian Whitacre, Oklahoma State University (Discussant: Zachary Schaller, Colorado State University) |

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| **Housing Market: Valuation & Consumption**Chair: Janet Kohlhase, University of Houston1. The Effect of Correctional and Rehabilitation Facilities on Property Values

Allyson Emblom-Hooe, North Carolina State University (Discussant: Herman Donner, KTH Royal Institute of Technology)1. The Impact of Housing Ques on the Age-Distribution of New Renters

Herman Donner, KTH Royal Institute of Technology (Discussant: Zachary Keeler, Texas Tech University)1. Property Tax Limitations and Housing Prices

Zachary Keeler, Texas Tech University; Michael Cary, Virginia Tech; Heather Stephens, West Virginia University (Discussant: Allyson Emblom-Hooe, North Carolina State University) |  |  |
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|  | **Trade and supply chain: New Technology and Policy** Chair: Roberta Capello, Politecnico di Milano1. Additive manufacturing and the geography of production

Nicola Cortinovis, Utrecht University (Discussant: Roberta Capello, Politecnico di Milano)1. From managing interdependencies to managing dependency: European regional dynamics in the Open Strategic Autonomy scenario

Roberta Capello, Politecnico di Milano; Andrea Caragliu, Politecnico di Milano; Roberto Dellisanti, Politecnico di Milano (Discussant: Taejun Mo, University of Illinois Urbana Champaign)1. Autonomous trucks are becoming a reality: How will they transform interstate trade across America?

Sandy Dall'erba, University of Illinois - Urbana-Champaign; Taejun Mo, University of Illinois Urbana Champaign; William Ridley, university of illinois; Yilan Xu, University of Illinois; Hyungsun Yim, University of Illinois at Urbana-Champaign (Discussant: Roberto Dellisanti, Politecnico di Milano)1. Regional inequalities in the age of nearshoring

Roberta Capello, Politecnico di Milano; Roberto Dellisanti, Politecnico di Milano (Discussant: Nicola Cortinovis, Utrecht University)  |  |  |
| **Digital and Spatial Inequities in Access to Services and Resources**Chair: Chiara F. Del Bo, Università degli Studi di Milano 1. Assessing Spatial Disparities in Healthcare Services: Discrepancies, Clustering, and Geographic Scale Effects, Hyun Kim, University of Tennessee (Discussant: Chiara F. Del Bo)
2. Regional institutions and the urban digital divide, Chiara F. Del Bo, Università degli Studi di Milano (Discussant: Caroline Welter)
3. Breaking Barriers to Access: Investigating the Impact of COVID-19-induced SSA Field Office Closures on Disability Benefit Applications, Caroline Welter, West Virginia University (Discussant: Khumoyun Abdumavlonov)
4. Market Access and Urban Growth in the Former Soviet Union, Khumoyun Abdumavlonov, University of Pittsburgh (Discussant: Hyun Kim)
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| **Economic and Social Impacts of Commuting**Chair: André Matos Magalhães, Federal University of Pernambuco1. Promoting or Restricting: Welfare Implications of long-distance commuting, Pabel Ortiz, Catholic University of the North (Discussant: Ajay Sharma, Indian Institute of Management Indore)
2. Commuting, spatial flexibility and urban wage premium: evidence from India, Ajay Sharma, Indian Institute of Management Indore (Discussant: André Matos Magalhães, Federal University of Pernambuco)
3. Commuting Time and Access to Female Job

André Matos Magalhães, Federal University of Pernambuco; Julio César Silva Becher, Federal University of Pernambuco; Raul da Mota Silveira Neto, Federal University of Pernambuco (Discussant: Orsa Kekezi, SOFI, Stockholm University)1. Firm Relocations and Heterogenous Returns to Commuting

Orsa Kekezi, SOFI, Stockholm University; Özge Öner, Cambridge University; Mikaela Backman, Jönköping International Business School (Discussant: Pabel Ortiz, Catholic University of the North)  |  |  |
| **Economic Impact and Innovation Policies**Chair: Roberto Koeneke, University of Florida1. Estimating the Effect of a Utility-Scale Solar Facility on House Prices, Michael Cary, Virginia Tech (Discussant: Roberto Koeneke)
2. A New Method for Improving Economic Contribution Estimates for Commercial Saltwater Fishing in Florida, Roberto Koeneke, University of Florida (Discussant: Zachary Schaller)
3. Assessing the Economic Impact of Construction Projects on Rural Counties: Evidence from 2010-2019, Zachary Schaller, Colorado State University (Discussant: Courtney Bower)
4. Regionalizing the Global Innovation Index for the Eight US BEA Regions: A Case Study, Courtney Bower, Cornell University (Discussant: Michael Cary)
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| **Educational Inequities: Infrastructure, Policy, and Pandemic Impact**Chair: Lucienne Disch, University of Pennsylvania1. Infrastructure and Academic Achievement: A Study of Government Residential Schools in South India, Nikhil Jha, St Joseph's University (Discussant: Nikhil Jha)
2. The Role of High-Performing Schools in Shaping Local Education: Insights from Karnataka, India, Nikhil Jha, St Joseph's University (Discussant: Lucienne Disch)
3. People- or Place-Based Policies to Tackle Disadvantage? Evidence from Matched Family-School-Neighborhood Data, Lucienne Disch, University of Pennsylvania (Discussant: Nyakundi Michieka)
4. Resource Abundance and Education Attainment in the U.S., Nyakundi Michieka, California State University Bakersfield (Discussant: Nikhil Jha)
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| **Environmental and Economic Impacts of Climate Events**Chair: Rebecca Mari, Bank of England1. How Are United States Agriculture Exports to the Philippines Affected by Natural Disasters?

Patrick Blaschke, North Dakota State University; Oudom Hean, North Dakota State University (Discussant: Rebecca Mari, Bank of England)1. Weathering the Storm: Sectoral Economic and Inflationary Effects of Floods and the Role of Adaptation, Rebecca Mari, Bank of England (Discussant: Suzana Quinet Bastos)
2. Economic Growth and Climate Change: a bibliometric analysis, Suzana Quinet Bastos, Federal University of Juiz de Fora (Discussant: Bowei Dong)
3. Whirlwind Economics: Analyzing Tornado Impacts on Migration and Industry, Bowei Dong, University of Oklahoma (Discussant: Xiuli Liu)
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| **Transportation Industry: Trends & Policies**Chair: Shuji Uranishi, Osaka Metropolitan University1. Rail Transit Disruptions, Traffic Generations, and Adaptations: Quasi-experimental Evidence from Hong Kong

Yifu Ou, Hong Kong Polytechnic University; Xin Li, City University of Hong Kong; Kyung-Min Nam, The University of Hong Kong (Discussant: FUMITOSHI MIZUTANI, Kobe University)1. Effects of Vertical Structure and Regulations on Costs of Urban Railways in Japan

FUMITOSHI MIZUTANI, Kobe University; Shuji Uranishi, Osaka Metropolitan University (Discussant: Lauren McCarthy, George Mason University)1. DIFFUSION AND CHALLENGES OF SHARED E-MICROMOBILITY IN THE UNITED STATES

Lauren McCarthy, George Mason University (Discussant: Kakuya Matsushima, Kyoto University) 1. A Theoretical Research about Market Strucuture of ride sharing service with Limited Market Participants

Kakuya Matsushima, Kyoto University (Discussant: Kyung-Min Nam, The University of Hong Kong) |  |  |
| 3:45pm-  4:00   pm | **Coffee break** |  |   |
| 4:00-6:00pm  | **Regional Economic Effects of Disasters 2**Session Organizers: Yasuhide Okuyama, University of KitakyushuSession Chair: Yasuhide Okuyama, University of Kitakyushu1) Mitigation of economic vulnerability by redundant highway network Tomoki Ishikura, Tokyo Metropolitan University (Discussant: Riccardo Negri, New York University)2) Long term effects of natural disasters on human settlements: a review of the existing literature. Riccardo Negri, New York University; Luis Ceferino, University of California (Discussant: Inácio Araújo, University of São Paulo)3) Geographical Propagation of the Economic Impacts of the ISIS Conflict in Iraq. Inácio Araújo, University of São Paulo; Kieran P. Donaghy, Cornell University; Eduardo A. Haddad, University of São Paulo; Geoffrey J.D. Hewing, University of Illinois (Discussant: Yasuhide Okuyama, University of Kitakyushu)4) Core Structure of Regional Economy in a Disaster. Yasuhide Okuyama, University of Kitakyushu (Discussant: Tomoki Ishikura, Tokyo Metropolitan University)Schedule Requests: Because of the participants' travel schedules, this session needs to be scheduled either on Thursday, November 14, or Friday, November 15. Both sessions same day. |  |  |
| **Aging Population and Older Adults**Chair: Shalini Matharage, Northeastern University1. A Study of Urban Fertility Decline and Population Centralization, Akiko Sakanishi, Ritsumeikan University (Discussant: Shalini Matharage)
2. "Everyday Nationalism” and Immigration in an Aging Society: An Analysis of Immigrant Perception in Japan, Shalini Matharage, Northeastern University (Discussant: Yang Cheng)
3. Access to the Elder Care and Gender Wage Gaps, Yang Cheng, UW-Madison (Discussant: Michael Cameron)
4. Subnational population ageing in New Zealand: Past, present, and future, Michael Cameron, University of Waikato (Discussant: Akiko Sakanishi)
 |  |  |
| **Special Organized Session: Regional/Rural Development Sessions III: neighborhoods and quality of life**Organizers: Tim Komarek, Colorado State University; Sarah Low, University of Illinois at Urbana-Champaign; Stephan Weiler, Colorado State UniversityChair: Sarah Low, University of Illinois at Urbana-ChampaignDeterminates of Quality of Life: Using Community Capital Framework

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|  | Yang Cheng, UW-Madison (Discussant: Andrew Van Leuven, University of Vermont) |

Measuring Rural-Urban Price Convergence with Spatially Precise Data

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|  | Fernanda Alfaro, Michigan State University (Discussant: Yang Cheng, UW-Madison) |

Welfare Effects of Decentralized Zoning Authority in Cities: Evidence from PhiladelphiaJacob Moore, University of California, Berkeley (Discussant: Fernanda Alfaro, Michigan State University)Neighborhood Quality of Life and the Role of the ’Third Place’Neighborhood Quality of Life and the Role of the ’Third Place’

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|  | Andrew Van Leuven, University of Vermont (Discussant: Jacob Moore, University of California, Berkeley) |

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| **Transportation, Connectivity & Infrastructure**Chair: Muhammet Sever, George Mason University1. Street Connectivity as a Fundamental Determinant of Urban Prosperity: An Empirical Study of Over 200 Cities Worldwide

Ahyoung Chang, University of Texas, Austin; Jiin Nam, University of Seoul; Junfeng Jiao, University of Texas, Austin (Discussant: Muhammet Sever, George Mason University)1. Using Refinancing of Federal Loans to Support Transportation Infrastructure Asset Management and Delivery: Lessons from the Covid-19 Pandemic

Muhammet Sever, George Mason University; Jonathan Gifford, George Mason University; Carter Casady, University of Stanford (Discussant: Lauren McCarthy, George Mason University)1. ADDRESSING TRANSPORTATION DISPARITIES THROUGH TARGET INVESTMENTS: A CASE OF SHARED MICROMOBILITY PROGRAMS

Lauren McCarthy, George Mason University; Nick Perloff-Giles, Shared-Use Mobility Center (Discussant: Muhammet Sever, George Mason Universit)y1. Exploring Self-Sufficiency in Transportation Infrastructure: Analyzing the Interrelationship of Federal, State, and Local Funding in Major U.S. Metropolitan Areas

Muhammet Sever, George Mason University; Jonathan Gifford, George Mason University; Susan Binder, Cambridge Systematics, Inc.; Adriana Valentina Farias, George Mason University (Discussant: Ahyoung Chang, University of Texas, Austin) |  |  |
| **Travel Patterns and Behavior** Chair: Renato Vieira, Universidade de São Paulo1. Circles of Mobility: How Living Environments Shape Movement

Clara Peiret-Garcia, Newcastle University, UK; Haekal Kartasasmita, TU Delft; Joe Matthews, Newcastle University; Rachel Franklin, Newcastle University; Alistair Ford, Newcastle University; Trivik Verma, TU Delft (Discussant: Renato Vieira, Universidade de São Paulo)1. Travel Behavior Effects of Fare-Free Public Transportation for the Elderly in Brazilian Metropolitan Areas

Renato Vieira, Universidade de São Paulo; Lucas Emanuel, ufba; Rafael Pereira, IPEA; Pedro Alves, UCB (Discussant: Richard Funderburg, University of Illinois Springfield)1. Trip Distribution Post-Pandemic and Disparate Impacts of Work from Home on Demands for Transit Services in Chicago: Evaluating Mobility Network Patterns from Mobile Phone Tracing Data

Richard Funderburg, University of Illinois Springfield; Tong Ye, University of Illinois Chicago; Chen Xie, University of Illinois Chicago (Discussant: Zhongying Gan, Roger Williams University)1. Freeway Congestion and Labor Force Participation: Evidence from Greater Los Angeles

Zhongying Gan, Roger Williams University (Discussant: Clara Peiret-Garcia, Newcastle University, UK) |  |  |
| **Environmental and Economic Impacts of Resource Management**Chair: Edson Domingues, Federal University of Minas Gerais1. Energy Use in in Rural America: Disparities in Cost and Policy Application, Hannah Kamen, Colorado School of Mines (Discussant: Jaqueline Visentin)
2. Shaping Brazilian water policy using Environmentally Extended Input-Output Matrix, Jaqueline Visentin, University of São Paulo (Brazil) (Discussant: Domingues)
3. Biofuel Policies in Brazil: Short-Term Measures, Land Use, Deforestation, and Greenhouse Gas Emissions, Edson Domingues, Federal University of Minas Gerais (Discussant: Mengming Li)
4. State-level Economic, Environmental and Workforce Impacts of Sustainable Aviation Fuel Production, Mengming Li, National Renewable Energy Laboratory (Discussant: Hannah Kamen)
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| **Gentrification and Dynamics of Inter-regional Human Mobility**Chair: Minjae Yun, Claremont McKenna College1. An input-output analysis of the key drivers in CO2 emissions from a regional supply perspective: an application to the Brazilian states, Fernando Perobelli, Federal University of Juiz de Fora (Discussant: Minjae Yun)
2. Understanding Urban Street Homeless Dynamics and the Determinants: A Spillover Analysis in Los Angeles, Minjae Yun, Claremont McKenna College (Discussant: Richard Martin)
3. Racial Dynamics in Gentrifying Neighborhoods, Richard Martin, University of Georgia (Discussant: Miguel Flores)
4. On the Internal Mobility of Scholarly and Knowledge Intensive Occupations: Evidence for Mexico, Miguel Flores, Tecnológico de Monterrey (Discussant: Fernando Perobelli)
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| **Housing Market Dynamics and Urban Inequality**Chair: Janet Kohlhase, University of Houston1. A New Approach to Estimating the Natural Rate of Housing Structure Depreciation, Peng Zhao, Doane University (Discussant: Peng Zhao)
2. Towards an Operational Filtering Model of the Housing Market, Peng Zhao, Doane University (Discussant: Raul da Mota Silveira Neto)
3. Urban Zoning for Poor Areas and Access to Opportunities: The Case of the Social Interest Special Zones (ZEIS) in Brazil, Raul da Mota Silveira Neto, Federal University of Pernambuco (Discussant: Sowon Kim)
4. The Crowd-Out Effect of Low-Income Housing Tax Credit (LIHTC) by Neighborhood Demographic Characteristics, Sowon Kim, Ohio State University (Discussant: Peng Zhao)
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| **Housing Markets and Socioeconomic Disparities**Chair: Indraneel Kumar, Purdue University1. Location choices and overdose fatalities: structural sorting in the opioid epidemic, Eli Knaap, San Diego State University (Discussant: Indraneel Kumar)
2. An Application of Network Analysis on Industry Clusters, Indraneel Kumar, Purdue University (Discussant: Hyeon Ahn)
3. A Study on Disparities in Access to Public Amenities Based on the Spatial Analysis of Population Groups Using Grid Data, Hyeon Ahn, Seoul National University (Discussant: Anton Babkin)
4. Economic Catchment Areas: A New Place Typology Based on Supply Chain Connectedness, Anton Babkin, University of Wisconsin - Madison (Discussant: Eli Knaap)
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| **PRSCO Council Meeting (Invitation only)**Members: Edgard Moncayo [edgardmoncayo@yahoo.com ACER], Luis Armando Galvis [lgalvis74@gmail.com ACER], Carolina Guevara [carolina.guevara@epn.edu.ec RECIR], Rodrigo Mendieta [rodrigo.mendieta@ucuenca.edu.ec RECIR], Jorge Serrano [jrsm@servidor.unam.mx AMECIDER], Serena Erendira Serrano Oswald [sesohi@hotmail.com AMECIDER], John Madden [john.madden@monash.edu ANZRSAI], Yogi Vidyattama [yogi.vidyattama@canberra.edu.au ANZRSAI], Sarwar Jahan [sarwarjahan@urp.buet.ac.bd BRSA], Md. Fakrul Islam [hiraharati@yahoo.com BRSA], Richard Shearmur [Richard.shearmur@McGill.ca CRSA], David Edgington [David.Edginton@ubc.ca CRSA], Fu-Chuan Lai [uiuclai@gate.sinica.edu.tw CRSA-T], Jen-Jia Lin [jenjia@ntu.edu.tw CRSA-T], Santanu Ghosh [Indian RSA], Sumana Bandyopadhyay [sumona\_bm@yahoo.com Indian RSA], A.A. Yusuf [arief.yusuf@unpad.ac.id IRSA], Devanto Pratomo [dede\_gsu02@yahoo.com IRSA], Lily Kiminami [kiminami@agr.niigata-u.ac.jp JSRSAI], Soushi Suzuki [soushi-s@lst.hokkai-s-u.ac.jp JSRSAI], Hidehiko Kanegae [hkanegae@sps.ritsumei.ac.jp JSRSAI], Brian H.S. Kim [briankim66@snu.ac.kr KRSA]Sang Dae Lee [leesang@gri.re.kr KRSA], Mohd Yusof bin Kasim [datukyusof@ucti.edu.my MRSA]I. Yussof [MRSA], Patricio Aroca [patricio.aroca@uai.cl SOCHER], Dusan Paredes A. [dparedes@ucn.cl SOCHER], Jaewon Lim [jaewon.lim@unlv.edu WRSA], Lay J. Gibson [ljgibson@ag.arizona.edu WRSA], David A. Plane [plane@u.arizona.edu WRSA], Terry Clower [tclower@gmu.edu WRSA], Sutee Anantsuksomsri [aehsutee@gmail.com Thailand], Nij Tontisirin [nij@ap.tu.ac.th Thailand] |  |  |
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| 6:00pm-7:15:pm  | **[NARSC Plenary Session]**NARSC Presidential Address: “Why and how should Regional Scientists contribute more to climate and environmental economics”Sandy Dall’erba, University of Illinois at Urbana-ChampaignIntroduction: Carlianne Patrick, Georgia State University |  |   |
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| 7:15pm-8:15pm  | **Welcome reception garden terrace** |

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| **Friday**8-10am: 9 sessions10:30-12:30pm: 9 sessions2:30pm-4:30pm: 9 sessions |
| 7-8am | **RSAI fellows brekfast (by invitation only)** |
| 8-10 am  | **Location and Spatial Analysis I**Session organizers: Alan Murray (University of California at Santa Barbara) and Ran Wei (University of California at Riverside)Chair: Alan Murray (University of California at Santa Barbara)1. Regional Optimization to Enhance District Efficiency, Fairness, and Equity | Jiwon Baik, Alan Murray, Jing Xu, Enbo Zhou

Discussant: Eli Knaap (San Diego State University)1. Spatial variation in the voting population: comparing the American Community Survey and State Voter Roll data | Christopher Fowler, Billy Southern

Discussant: Sergio Rey (San Diego State University)1. Delineating school attendance boundaries to improve diversity and community integrity | Ran Wei, University of California, Riverside

Discussant: Mark Horner (Florida State University)1. RegionDefiner: Democratizing Regionalization Algorithms Through Large Language Models | Xin (Selena) Feng, University of Oklahoma

Discussant: Claudia Montanía, University of ArizonaTime request: Please schedule on Friday (consistent with past conferences) |
| **Special Organized Session: Regional/Rural Development Sessions IV: essential rural infrastructure**Organizers: Tim Komarek, Colorado State University; Sarah Low, University of Illinois at Urbana-Champaign; Stephan Weiler, Colorado State UniversityChair: Ray Miller, Colorado State University The Long-Run Effects of Interstate Highways on Migration and Labor Market Outcomes in Rural America

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|  | Heejin Kim, Michigan State University (Discussant: Ray Miller, Colorado State University) |

The Relationship between Broadband Adoption and Internet Speed

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|  | Thomas Keene, University of Kentucky (Discussant: Heejin Kim, Michigan State University) |

Impacts of Broadband Availability and Speeds on Agricultural Land Values in the U.S. Corn Belt

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|  | John Pender, USDA ERS (Discussant: Thomas Keene, University of Kentucky) |

From Hospitals to Economic Growth: Analyzing the Hill-Burton Program's Structural Effects

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|  | Ray Miller, Colorado State University (Discussant: John Pender, USDA ERS) |

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| **Special Session: Tiebout Centenary I – time request: have them consecutively**Organizers: Steven Craig, Eric Heikkila, Geoffrey HewingsChair: Geoffrey Hewings1. Opportunistic Investment: The Political Economy Impacts of FEMA Hurricane Declarations

Amir B. Ferreira Neto, Florida Gulf Coast University; Rushaine Goulbourne, Freddie Mac; Amanda Ross, University of Alabama (Discussant: Steven Craig, University of Houston)1. Public Good Provision and Progressive Income Taxation in a Spatial Economy

Juan Carlos G Lopez, University of Denver (Discussant: Amanda Ross, University of Alabama)1. Jurisdictional homogeneity and coterminous local government borders: A comparison of counties in New Jersey and New York State

Lee Hachadoorian, Temple University (Discussant: Steven Craig, University of Houston)1. Within-City Tiebout: The Economic Consequences of Crossed Borders

Steven Craig, University of Houston; Edward Hoang, University of Colorado, Colorado Springs (Discussant: Juan Carlos G Lopez, University of Denver) |
| **Issues in Labor Market**Chair: David Nason, University of West Virginia1. Telework, coworking and transformations of work and the city

Diane-Gabrielle Tremblay, université du Québec (Discussant: Florian Bartholomae, Munich Business School)1. Mobile Working vs. Labor Mobility: Impact on Urban Development

Florian Bartholomae, Munich Business School; Alina Schoenberg, IMC University of Applied Sciences Krems (Discussant: David Nason, University of West Virginia)1. Evaluating the Impact of Changes in Skill Demand on Job Separations, Hiring Behavior, and Wage Dynamics

David Nason, University of West Virginia (Discussant: Lina Bjerke, Jonkoping International Business School)1. Job Polarization and the Urban Wage Premium

Lina Bjerke, Jonkoping International Business School; Johan Klaesson, Jonkoping International Business School (Discussant: Diane-Gabrielle Tremblay, université du Québec) |
| **Political Transition: Evolution & Impacts**Chair: Guido Sechi, University of Latvia1. Globalization and populism. Evidence from local labor markets in Greece.

Nikolaos Terzidis, Groningen University (Discussant: Guido Sechi, University of Latvia)1. THE COMPANY TOWN UNDER NEOLIBERAL RESTRUCTURING: INSIGHTS FROM THE FORMER SECOND WORLD

Guido Sechi, University of Latvia; Kārlis Lakševics, University of Latvia; Māris Bērziņš, University of Latvia (Discussant: Sebastien BOURDIN, EM Normandie Business School)1. The Geography of Disenchantment: Understanding Voter Abstention in France

Sebastien BOURDIN, EM Normandie Business School; André Torre, INRA – AgroParisTech (Discussant: Rafael González-Val, Universidad de Zaragoza)1. Club classification of foreclosure rates in Spain

Rafael González-Val, Universidad de Zaragoza (Discussant: Nikolaos Terzidis, Groningen University) |
| **Economic and Social Impacts of Automation**Chair: Johan Klaesson, Jonkoping International Business School1. Manufacturing automation and its implication for local employment outcomes: Evidence from Sweden

Peter Njekwa Ryberg, Jönköping International Business School (Discussant: Johan Klaesson, Jonkoping International Business School) 1. Automation and Job Security: Who’s at Risk of Losing Their Job?, Johan Klaesson, Jonkoping International Business School (Discussant: Camilla Lenzi, Politecnico di Milano)
2. Income and Wage Inequalities from Automation. A European perspective, Camilla Lenzi, Politecnico di Milano (Discussant: Peter Njekwa Ryberg, Jönköping International Business School)
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| **Infrastructure Investment and Regional Connectivity**Chair: Zhenhua Chen, Ohio State University1. The road to many endings: Perceived regional impacts of the highway-20 extension in Eastern Quebec, Nicolas Devaux, Université du Québec à Rimouski (Discussant: Zhenhua Chen)
2. The Scaling Dynamics of Railways and Cities in England and Wales from 1831 to 2021, Zhenhua Chen, Ohio State University (Discussant: Gervasio Santos)
3. Brazilian interstate highways and local economic structures, Gervasio Santos, Federal University of Bahia (Discussant: Nairne Cameron)
4. Criss-Crossing Superior: A Case Study of Lake Superior Region Transportation Patterns 2000-2022, Nairne Cameron, Algoma University (Discussant: Nicolas Devaux)
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| **Labor Market Dynamics and Economic Distribution** Chair: Christopher Blake, Emory University1. Tip Credit Effects on Employment, Earnings, and Establishments, Sayorn Chin, Lafayette College (Discussant: Christopher Blake, Emory University)
2. Do Superstar Employers depress labor shares? Evidence from Georgia, Southern States, and the United States, Christopher Blake, Emory University, Oxford College (Discussant: Daria Denti, Gran Sasso Science Institute)
3. Forced labour in manufacturing and the local industry structure: the case of Italy.

Daria Denti, Gran Sasso Science Institute; Simona Iammarino, University of Cagliari (Discussant: Luis Galvis, Banco De La República de Colombia)1. Labor informality in the main metropolitan areas of Colombia

Luis Galvis, Banco De La República de Colombia (Discussant: Sayorn Chin, Lafayette College) |
|  | **Workplace Well-being and Gender Dynamics**Chair: Dimitris Ballas, Groningen University1. Female-dominated industry growth and regional fertility rates, Michael Betz, Ohio State University (Discussant: Mustahsin Aziz)
2. Nature at Work: The impact of greenspace on worker productivity, Mustahsin Aziz, West Virginia University (Discussant: Dimitris Ballas)
3. Peer effects and Subjective Wellbeing: a spatial micro econometric analysis of precarious employees in the London metropolitan area, Dimitris Ballas, Groningen University (Discussant: Harim Jeong)
4. The Impact of Multidimensional Poverty of Youth on Social Capital and Life Satisfaction: Focusing on the Mediating Role of Social Capital, Harim Jeong, Seoul National University (Discussant: Michael Betz)
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| 10-10:30 am  | **Coffee break** |
| 10:30 am-12:30 pm  | **RSAI Long Range Planning Committee Meeting (Invitation only)**Andrea Caragliu, Sandy Dall’erba, Roberta Capello, Peter Nijkamp, Kingsley Haynes, Geoffrey Hewings, Mark Partridge, Hans Westlund, Hiroyuki Shibusawa, Eduardo Haddad. |
| **Regional Science, Climate Change, Environmental Footprint 2**Session Organizers: Sandy Dall’erba, University of Illinois at Urbana-Champaign; Stephan Goetz, Penn State University; Lei Zhang, Old Dominion UniversitySession Chair: Lei Zhang, Old Dominion University 1. Uncovering the Key Transportation Links in the U.S. Domestic Food Supply Chain Through Disruption Simulations

Taejun Mo, University of Illinois at Urbana-Champaign; Sandy Dall'erba, University of Illinois at Urbana-Champaign (Discussant: Mengming Li, National Renewable Energy Laboratory)1. State-level Economic, Environmental and Workforce Impacts of Sustainable Aviation Fuel Production Andre F.T. Avelino, National Renewable Energy Laboratory; Yimin Zhang, National Renewable Energy Laboratory; Greg Avery, National Renewable Energy Laboratory; Mengming Li, National Renewable Energy Laboratory; Alberto Franco Solís, National Renewable Energy Laboratory (Discussant: Taejun Mo, University of Illinois at Urbana-Champaign)
2. Difference-in-Differences with endogenous externalities: model and application to climate econometrics

Sandy Dall'erba, University of Illinois at Urbana-Champaign; Andre Chagas, University of Sao Paulo; William Ridley, University of Illinois at Urbana-Champaign; Yilan Xu, University of Illinois at Urbana-Champaign; Lilin Yuan, Nankai University. (Discussant: Marco Percoco, Bocconi University)1. Urban compactness and carbon emissions: global evidence over the period 1975-2020

Marco Percoco, Bocconi University (Discussant: Lei Zhang, Old Dominion University)Schedule Requests: Thursday or Friday |
| **Location and Spatial Analysis II --** Session organizers: Alan Murray (University of California at Santa Barbara) and Ran Wei (University of California at Riverside)Chair: Ran Wei (University of California at Riverside) 1. An Old Look at Equity in Location Modeling | Mark Daskin, University of Michigan, Ann Arbor

Discussant: Ran Wei (University of California at Riverside)1. The Influence of Environmental Disruption on Offender -Target Interactions and Criminal Activity in Emergency Scenarios | Ashleigh Price, The University of Alabama; Kevin Curtin, The University of Alabama

Discussant: Vanessa Echeverri Figueroa (UCSB)1. Location and regional risk of fire | Alan Murray, University of California at Santa Barbara

Discussant: Chris Fowler (Penn State)Please schedule on Friday (consistent with past conferences) |
| **Special Organized Session: Regional/Rural Development Sessions V: New work on natural amenities and a natural amenities scale update**Organizers: Tim Komarek, Colorado State University; Sarah Low, University of Illinois at Urbana-Champaign; Stephan Weiler, Colorado State UniversityChair: David A McGranahan, USDA ERS1. Measuring Topographical and Landscape Appeal

David Nason, University of West Virginia; Laura Paul, USDA ERS; David A McGranahan, USDA Economic Research Service; Richelle Winkler, USDA Economic Research Service; Elizabeth Dobis, USDA Economic Research Service (Discussant: John Pender, USDA ERS)1. Climate Amenities and Disamenities in Rural Areas: Change Over 80 years

Laura Paul, USDA ERS; Richelle Winkler, USDA Economic Research Service; David A McGranahan, USDA Economic Research Service; David Nason, University of West Virginia (Discussant: Sarah Low, University of Illinois at Urbana-Champaign)3) Impact of climate change and natural amenities on human and income migration in the USEphraim Nkonya, US Department of Agriculture; Mahalia Clark, University of Vermont; Gillian Galford, University of Vermont (Discussant: Ayoung Kim, Mississippi State University)4) The Area and Road Ruggedness Scales: Characterizing Rugged Terrain in the United StatesElizabeth Dobis, USDA Economic Research Service; John Cromartie, USDA Economic Research Service; Kyle Reed, USDA Economic Research Service (Discussant: Heather Stephens, West Virginia University)1. Constructing a new Natural Amenities Scale

David A McGranahan, USDA Economic Research Service; Laura Paul, USDA ERS (Discussant: Steven Deller, UW-Madison) |
| **Agriculture and Climate Smart Technologies**Chair: Roberto Koeneke, University of Florida1. The Impact of Weather on Agricultural Profit and Land Value: Evidence from 1076 Estimates, Hyungsun Yim, University of Illinois at Urbana-Champaign (Discussant: Roberto Koeneke)
2. The Confluence of Harmful Algal Blooms: Impacts to Property Values from Simultaneous Blue-Green Algae and Red Tide Events in Southwest Florida, Roberto Koeneke, University of Florida (Discussant: Md Mizanur Rahman Sarker)
3. Impact of the Adoption of Climate Smart Technologies on Food Security and Nutrition in Coastal Ecosystem: Evidence from Salinity Tolerant Rice Variety, Md Mizanur Rahman Sarker, Sher-e-Bangla Agricultural University (Discussant: Marina Manganaris)
4. Procurement of Zero-Emission Buses: Theory and practice, Marina Manganaris, George Mason University (Discussant: Hyungsun Yim)
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| **Land Use Dynamics and Zoning**Chair: Jiaxin Zhang, University of Toronto1. Environmental Consequences of Job Growth: A Study of Land Use Dynamics

Michael Cary, Virginia Tech (Discussant: Jiaxin Zhang, University of Toronto)1. Unraveling Commercial Land Use Dynamics: A Parcel-Level Simulation Approach for the GTHA

Jiaxin Zhang, University of Toronto; Eric Miller, University of Toronto (Discussant: Marcos Sanso-Navarro, Universidad de Zaragoza)1. The determinants of national city size distributions: A BMA approach

Miguel Puente-Ajovín, Universidad de Zaragoza &amp; IEDIS; Marcos Sanso-Navarro, Universidad de Zaragoza; María Vera-Cabello, Centro Universitario de la Defensa de Zaragoza (Discussant: Wen-Yen Lin, Ming Chuan University)1. Land Use Hazards Vulnerability, Resilience Assessment, and Spatial Risk Governance under Climate Change

Wen-Yen Lin, Ming Chuan University (Discussant: Michael Cary, Virginia Tech) |
| **Issues in Regional Disparities: Finance & Global Value Chains**Chair: ROBERTO DELLISANTI, Politecnico di Milano1. ECONOMIC GROWTH AND REGIONAL DISPARITIES: A LONG-TERM PERSPECTIVE FOR THE STATE OF SERGIPE, BRAZIL

Luiz Ribeiro, Federal University of Sergipe; Olga Hianni Portugal Vieira, Federal University of Minas Gerais; Kênia Barreiro de Souza, Federal University of Paraná; José Ricardo de Santana, Federal University of Sergipe (Discussant: ROBERTO DELLISANTI, Politecnico di Milano)1. Smile-and-go. Regional performance through global value chains in Europe

Roberta Capello, Politecnico di Milano; ROBERTO DELLISANTI, Politecnico di Milano (Discussant: Hua Kiefer, FDIC)1. Regional Variation in Transaction Costs, Mortgage Rate Heterogeneity, and Mortgage Refinancing Behavior

Leonard Kiefer, Freddie Mac; Hua Kiefer, FDIC; Tom Mayock, Virginia Tech (Discussant: Matthew Lyons, University of Birmingham)1. The relationship between firm insolvencies, households and regional resilience

Simon Collinson, Zhejiang University; Matthew Lyons, University of Birmingham; Huanjia Ma, University of Birmingham (Discussant: Luiz Ribeiro, Federal University of Sergipe) |
| **Migration: Causes and Consequences** Chair: Steven Craig, University of Houston1. Older Adult Migration and Mobility: Data-Driven Insights

Bruce Newbold, McMaster University (Discussant: Steven Craig, University of Houston)1. Within-City Tiebout: The Economic Consequences of Crossed Borders

Steven Craig, University of Houston; Edward Hoang, University of Colorado, Colorado Springs (Discussant: Tatsuya Kusumi, University of Tokyo)1. Gender Differences in Distance Dependence of Migration

Tatsuya Kusumi, University of Tokyo (Discussant: Ajay Sharma, Indian Institute of Management Indore)1. International migration and dietary diversity of left-behind households: evidence from India

Pooja Batra, Jindal Global Business School; Ajay Sharma, Indian Institute of Management Indore (Discussant: Bruce Newbold, McMaster University) |
|  | Student Paper Competition Finalists – Four discussants to identify. |
| 12:30-2:30 pm  | **Lunch and award ceremony  -**Introduction of ERSA's new journal: Global Challenges and Regional Science |
| 2:30-4:30 pm  | **Special Organized Session: Outreach in Regional Science II**Sponsored by *Reaching Regions*Organizers: Heather Stephens, West Virginia University, and John Winters, Iowa State UniversityChair: Heather StephensPapers:1. Cynthia Rogers and Stephen Ellis, University of Oklahoma

Presenter: Cynthia Rogers“Tax Increment Financing and School Funding in Oklahoma: The Split Matters” (Discussant: Steve Deller, University of Wisconsin – Madison)1. Dawn Thilmany, Colorado State University, Jairus Rossi, University of Kentucky, and Mackenzie Gill, Colorado State University

Presenter: Dawn Thilmany“A Regional Look at Regional Food Markets Post-COVID” (Discussant: Heather Stephens, West Virginia University) 1. Courtney Bower, Cornell University

“Regionalizing the Global Innovation Index for the Eight US BEA Regions: A Case Study” (Discussant: John Winters, Iowa State University)1. John Winters, Iowa State University

“Non-Metropolitan Areas Lag Behind in Work-from-Home Rates” (Discussant: Cynthia Rogers, University of Oklahoma) |
| **Location and Spatial Analysis III --** **Session organizers: Alan Murray (University of California at Santa Barbara) and Ran Wei (University of California at Riverside)****Chair: Xin Feng (University of Oklahoma)**1. Exploring Segregation in Education Systems Using Openstreetmap and Optimization Modeling | Dylan Skrah, Alan Murray, Sergio Rey

 Discussant: Ashleigh Price, The University of Alabama1. An Improved Approach to Measuring Spatial Accessibility to Emergency Medical Services Using the Rational Agent Access Model | Mark Horner, Kyusik Kim, Kyusang Kwon

Discussant: Mark Daskin (University of Michigan)1. Multi-Factor partitioning and Spatial interactions: A shift-share analysis | Claudia Montanía, University of Arizona; Geoffrey Hewings, University of Illinois; Michael Ray, Carleton University

Discussant: Heather Stephens (WVU)1. Evacuation bottlenecks in fire prone regions | Zhongqi Zheng, University of California at Santa Barbara; Alan Murray, University of California at Santa Barbara

Discussant: Dylan Skrah (SDSU)Please schedule on Friday (consistent with past conferences) |
| **Special Organized Session: Regional/Rural Development Sessions VI: Place-based program evaluation**Organizers: Tim Komarek, Colorado State University; Sarah Low, University of Illinois at Urbana-Champaign; Stephan Weiler, Colorado State UniversityChair: Anil Rupasingha, USDA ERSThe “Crowding Out” Effects of Special Districts: Evidence from Colorado’s Metropolitan Districts

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|  | Kendall Stephenson (Discussant:Anil Rupasingha, USDA ERS) |

Credit Provision in Rural Versus Urban Areas: Evidence from the Paycheck Protection Program

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|  | Jason Brown, USDA ERS (Discussant: Steven Deller, UW-Madison) |

The effect of USDA Rural Business-Cooperative Service business development programs on rural business outcomes

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|  | James Davis, USDA ERA (Discussant: Jason Brown, USDA ERS) |

Early Impacts of Opportunity Zones on Rural Business Outcomes

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|  | Anil Rupasingha, USDA ERS; James Davis, USDA ERS; Josemari Feliciano, Yale University (Discussant: James Davis, USDA ERS) |

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| **Special Session: Tiebout Centenary II – time request: have them consecutively**Organizers: Steven Craig, Eric Heikkila, Geoffrey HewingsChair: Geoffrey Hewings1. Tiebout vs. Samuelson: analyzing fragmentation and the cost of boundaries in providing a public service

Rick Church, University of California, Santa Barbara (Discussant:Daeyoung Kwon, University of Nevada, Las Vegas)1. Elderly Migration in the U.S.: Who Moves, Where They Go, and What Drives Their Decisions? Daeyoung Kwon, University of Nevada, Las Vegas; Jaewon Lim, University of Nevada, Las Vegas; Ayoung Kim, Mississippi State University; Soo Jung Ha, Korea Research Institute for Human Settlements (Discussant:Eric Heikkila, University of Southern California)
2. Tieboutian Clubs Revisited

Eric Heikkila, University of Southern California; Jordy Coutin, University of Southern California (Discussant:Soomi Lee, University of LaVerne)1. Welfare Consequences of Mobility Restrictions in the Tiebout Model:An Agent-Based Modeling Approach

Soomi Lee, University of LaVerne; Yuri Mansury, Illinois Institute of Technology (Discussant:Rick Church, University of California, Santa Barbara) |
| **Special session - Diversity, Equity, and Inclusion in Regional Science.**Time constraint: before or after Friday lunchSession Organizers: Cristina Miller, Rural Development Innovation Center, USDA; Yuri Mansuri, Illinois Institute of Technology; Daoqin Tong, Arizona State University; Carlianne Patrick, Georgia State University Session Chair: Cristina Miller, Rural Development Innovation Center, USDA “Heterogeneous Effects of Economic Development Policies” Carlianne Patrick, Georgia State University followed by a panel discussion |
| **Regional Dynamics and Infrastructure: Mobility, Economy, and Resilience**Chair: Ruth Griffith, University of Maine1. Overdesign in Civil Infrastructure Systems: The Influence of Infrastructure Funding, Finance, and Procurement on Facility Design and Delivery, Tarn Somervell Fletcher, George Mason University (Discussant: Ruth Griffith)
2. Unveiling Regional Economic Patterns: Regional Business Cycles in Maine, Ruth Griffith, University of Maine (Discussant: Shalini Matharage)
3. Empowering Communities: A Bottom-Up Approach to Disaster Risk Reduction, Shalini Matharage, Northeastern University (Discussant: Riccardo Turati)
4. Skill-Specific Drivers of Internal Mobility: Evidence from Italian Municipalities, Riccardo Turati, Universitat Autonoma de Barcelona (Discussant: Tarn Somervell Fletcher)
 |
| **Regional Science, Climate Change, Environmental Footprint 3**Session Organizers: Sandy Dall’erba, University of Illinois at Urbana-Champaign; Stephan Goetz, Penn State University; Lei Zhang, Old Dominion UniversitySession Chair: Stephan Goetz, Penn State University1. MERCOSUR, the breadbasket of the world: a history marked by water, land, and economic integration (214565)

Claudia Montania, University of Arizona; Alberto Franco Solís, National Renewable Energy Laboratory; Mateo Servent, Center for Economic Research and Teaching (Discussant: Yilan Xu, University of Illinois at Urbana-Champaign)1. Tracing County-to-County Domestic Trade Flows in Grains (214580)

Sandy Dall’erba, University of Illinois at Urbana-Champaign; William Ridley, University of Illinois at Urbana-Champaign; Jian Zou, University of Illinois at Urbana-Champaign; Noé J. Nava, USDA ERS; Youning Chen, University of Illinois at Urbana-Champaign (Discussant: Andre F.T. Avelino, National Renewable Energy Laboratory)1. The Why, How, and Where of Industrial Decarbonization: Questions to Investigate Using the 2023 Annual Business Survey (214613)

Timothy R Wojan, Oak Ridge Institute for Science and Education; Zheng Tian, Pennsylvania State University; Luyi Han, Pennsylvania State University; Stephan J. Goetz, Pennsylvania State University; Justin Winikoff, Economic Research Service (Discussant: Alberto Franco Solís, National Renewable Energy Laboratory)1. Peer Effects on Climate Change Beliefs (214591)

Xialing Zhao, Pennsylvania State University; Yilan Xu, University of Illinois at Urbana-Champaign; Linlin Fan, Pennsylvania State University (Discussant: Rebecca Mari, Bank of England)Schedule Requests: Thursday or Friday |
| **Regional Dynamics: The Role of Data, Technology, and Conceptual Advancements**Chair: Dawn Thilmany, Colorado State University1. Opportunities and challenges of using big data in territorial planning and monitoring, Nicolas Devaux, Université du Québec à Rimouski (Discussant: Angela Stefania Bergantino)
2. Application of machine learning algorithms to quality-of-life decision-making problems, Angela Stefania Bergantino, University of Bari (Discussant: Dawn Thilmany)
3. A Regional Look at Regional Food Markets Post-COVID, Dawn Thilmany, Colorado State University (Discussant: Elizabeth Redmond)
4. Reevaluating the Concept of the Region in Regional Science, Elizabeth Redmond, Cornell University (Discussant: Nicolas Devaux)
 |
| **Papers in Regional Science Lecture [NARSC Special Session]**Presenter: Tessa ConroyTopic: TBD |
| 4:30 pm pm  | Break  |
|  | Dinner on your own |
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| **Saturday**8-10am: 9 sessions10:30am-12:30pm:9 sessions1:45pm-3:45pm: 9 sessions4-6pm: 9 sessions |
| 8-10 am  | **Tourism & Leisure Choices in Regional Science" special session.**Organizers:Jaewon Lim, University of Nevada Las Vegas, Karima Kourtit, Open University of the NetherlandsChair: Jaewon Lim, University of Nevada Las Vegas 1. Heat-Related Illness Risk in Las Vegas Tourism

Aaron Colletta, University of Nevada, Las Vegas; Miliaikeala Heen, University of Nevada, Las Vegas (Discussant: Peter Nijkamp, AI Cuza University) 1. Can Tourism Be the Next Driver of Local Development? Evaluating the Impact of Mega-Event Strategies in the U.S. Convention Destinations

Daeyoung Kwon, University of Nevada, Las Vegas; Jaewon Lim, University of Nevada, Las Vegas (Discussant: Karima Kourtit, Open University)1. Tourism Resilience Face-Off: Maximizing Opportunities in Case of External Shocks Using Flying Disc Concept

Jaewon Lim, University of Nevada, Las Vegas; Karima Kourtit, Open University, Heerlen; Peter Nijkamp, AI Cuza University (Discussant: Aaron Colletta, University of Nevada, Las Vegas)1. RURAL FEET VOTING OF LEISURE EXPLORERS

Peter Nijkamp, AI Cuza University; Karima Kourtit, Open University, Heerlen; Marina Toger, Upsalla university; Umut Türk, Abdullah Gül University; John Östh, Oslomet University (Discussant: Jaewon Lim, University of Nevada)No time request |
| **Special session – Smart specialization for sustainability****Session Organizers:** Rafael Faria de Abreu Campos (Federal University of Viçosa); Igor Santos Tupy (Institute for Applied Economic Research – Ipea)**Session Chair:** Luiz Carlos de Santana Ribeiro (Federal University of Sergipe)1. Skill Diversification into Industry 4.0 in Brazilian Regions Melquesedeque Sage Brilhante (Federal University of Viçosa); Igor Santos Tupy (Ipea) (Discussant: Tulio Chiarini, Ipea)
2. Economic Growth and Regional Disparities: A Long-Term Perspective for the State of Sergipe, Brazil Luiz Carlos de Santana Ribeiro (Federal University of Sergipe); Olga Hianni Portugal Vieira (Federal University of Minas Gerais); Kênia Barreiro de Souza (Federal University of Paraná); José Ricardo de Santana (Federal University of Sergipe) (Discussant: Melquesedeque Sage Brilhante, Federal University of Viçosa)
3. Sun, Wind, and Sweat: Local Labor Impacts of Renewable Energy Investments Thiago Pastorelli Rodrigues (University of São Paulo); Paula Pereda (University of São Paulo) (Discussant: Luiz Carlos de Santana Ribeiro, Federal University of Sergipe )
4. Regional Landscape of the US and European Digital Platform Companies Victo José Silva (Radboud University); Leonardo Costa Ribeiro (Federal University of Minas Gerais); Tulio Chiarini (Ipea); Igor Santos Tupy (Ipea) (Discussant: Thiago Pastorelli Rodrigues, University of São Paulo)
5. Biomass Production and Aviation Biofuels: Regional Perspectives in Brazil José Ricardo de Santana (Federal University of Sergipe); Lindomayara França Ferreira (Federal University of Juiz de Fora) (Discussant: José Ricardo de Santana, Federal University of Sergipe)

**Schedule Requests:** no restrictions. |
| **Workplace Dynamics and Remote Work Trends**Chair: Indraneel Kumar, Purdue University1. How Are Job Postings Connected to Future Employment? Evidence from a State Level Analysis of the US, Andrew Crawley, University of Maine (Discussant: Sicheng Wang)
2. Understanding the temporal and spatial trend of work-at-home in the United States, Sicheng Wang, University of South Carolina (Discussant: Indraneel Kumar)
3. Clustering Occupations by Skills or Skills by Occupations: Some Methodological Explorations and Insights, Indraneel Kumar, Purdue University (Discussant: John Winters)
4. Non-Metropolitan Areas Lag Behind in Work-from-Home Rates, John Winters, Iowa State University (Discussant: Andrew Crawley)
 |
| **Urban Quality, Public Services, and Socio-economic Factors**Chair: Sebastien Bourdin, EM Normandie Business School1) Trends in Geographic Earnings Inequality by Race after Incorporating Housing Costs, 2005-2019, Andrew Nutting, Bryn Mawr College (Discussant: Dimitris Ballas) 2) Socio-spatial justice and the European Green Deal: using spatial microsimulation, agent-based modelling and geographical information systems for the analysis of ‘green citizen behaviors’ and social attitudes, Dimitris Ballas, Groningen University (Discussant: Sebastien Bourdin) 3) Assessing Urban Quality of Life in Romanian Cities: A Comprehensive Analysis Using Subjective and Objective Measures, Sebastien Bourdin, EM Normandie Business School (Discussant: Angela Stefania Bergantino) 4) Analyzing Accessibility to Citizenship Services. A Network Analysis and Machine Learning Approach, Angela Stefania Bergantino, University of Bari (Discussant: Andrew Nutting) |
| **Urban Spatial Patterns: Evolution, Causes, and Consequences**Chair: Miquel-Angel Garcia-Lopez, Universitat Autonoma de Barcelona1. Urban spatial structure and entrepreneurship, Haifeng Qian, University of Iowa (Discussant: Tomaz Dentinho)

 1. Substantive Analysis of the Urban Structure of Lisbon Metropolitan Area, Tomaz Dentinho, University of the Azores (Discussant: Miquel-Angel Garcia-Lopez)
2. Causes and consequences of urban form, Miquel-Angel Garcia-Lopez, Universitat Autonoma de Barcelona (Discussant: Saman Herath Bandara)
3. Harnessing Tourism for Economic Prosperity in West Virginia, Saman Herath Bandara, West Virginia State University (Discussant: Haifeng Qian)
 |
| **Applications of Spatial Analysis**Chair: Ugo Fratesi, Politecnico di Milano1. Exploring the Impact of the Twin Transition on Erasmus Student Mobility: A Gravity Model Approach, Vicente Royuela, Universitat de Barcelona (Discussant: Anton Babkin)
2. The Spatial Structure of Economic Exchange and Rural Prosperity in the United States, Anton Babkin, University of Wisconsin - Madison (Discussant: Ugo Fratesi)
3. Next-Gen Measures for Spatial Externalities. Testing the impact of MAR and Jacobs' externalities measured at small disaggregated territorial level, Ugo Fratesi, Politecnico di Milano (Discussant: Nathan Kemper)
4. Spatial Heterogeneity in Household Food Waste Attitudes and Behaviors, Nathan Kemper, University of Arkansas (Discussant: Vicente Royuela)
 |
| **Transportation Infrastructure, Policy, and Economic Impacts** Chair: Kentaro Mori, University of Texas at Austin1. Uncertainty in Border-Crossing Freight Transportation: Evidence from Southern African Export Shipments, Paul Jung, Inha University (Discussant: Kentaro Mori, University of Texas at Austin)
2. Comparing Congestion Pricing Strategies with Evidence from a Large-Scale Simulation Framework, Kentaro Mori, University of Texas at Austin (Discussant: Muhammet Sever, George Mason University)
3. Operations and Maintenance (O&M): A Comparative Analysis of the Cost-Efficiency of Public Private Partnerships (P3s) and Conventional Project Delivery Models

Muhammet Sever, George Mason University; Jonathan Gifford, George Mason University; Carter Casady, University of Stanford (Discussant: Amit Batabyal, Rochester Institute of Technology)1. nter-City Competition for Heterogeneous Creative Class Members Using Tax Policy

Amit Batabyal, Rochester Institute of Technology (Discussant: Paul Jung, Inha University) |
| **Location and Spatial Analysis IV --** **Session organizers: Alan Murray (University of California at Santa Barbara) and Ran Wei (University of California at Riverside)****Chair: Sergio Rey (San Diego State University)**1. Urban Safety and the Role of Hydrant Structure and Configuration | Vanessa Echeverri Figueroa, Alan Murray

Discussant: Xin Feng (Univ Oklahoma)1. Location choices and overdose fatalities: a behavioral look at location sorting in the opioid epidemic | eli knaap, Sergio Rey

Discussant: Geoff Hewings (UIUC)1. Spatial and Socioeconomic Factors of Distributed Photovoltaic Generation in Minas Gerais

Guilherme Salgueiro, Federal University of Minas Gerais; Fernando Perobelli, Federal University of Juiz de Fora; Edson Domingues, Federal University of Minas Gerais; Victor Valerio, Federal University of ItajubáDiscussant: Sergio Rey (San Diego)Please schedule on Friday (consistent with past conferences) –  |
| **Special Organized Session: Regional/Rural Development Sessions VII: Cities, Regions and Policy Analysis**Organizers: Tim Komarek, Colorado State University; Sarah Low, University of Illinois at Urbana-Champaign; Stephan Weiler, Colorado State UniversityChair: Kelsey Thomas, USDA ERSThe Local Economic Impacts of Shorter School Weeks: Evidence from Colorado

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|  | Kristopher Deming, United states Air Force Academy (Discussant: Kelsey Thomas, USDA ERS) |

Re-evaluating the Construction of Import Exposure in Autor, Dorn, and Hansen (2013)

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|  | Gregory Miller, Colorado State University (Discussant: Kelsey Thomas, USDA ERS) |

Place & Prejudice: Urbanity, Self-selection, and Discrimination

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|  | Sal McCollum, Colorado State University (Discussant: Gregory Miller, Colorado State University) |

The Rural Childcare Landscape: Availability and Access

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|  | Kelsey Thomas, USDA ERS (Discussant: Sal McCollum, Colorado State University) |

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| 10-10:30 am  | **Coffee break** |
| 10:30 am-12:30 pm  | **Urban Development and Spatial Inequality**Chair: Vicente Royuela, Universitat de Barcelona1) On the constituency development funds and localising sustainable development goals: Role of MPLADS, Ajay Sharma, Indian Institute of Management Indore (Discussant: Thomas Christoffel) 2) A Geocode Solution to the OMB Need for “a territorially exhaustive classification:” State Determined Sub-State Districts which also resolve the Connecticut and Virginia Issues, Thomas Christoffel, Regional Intelligence-Regional Communities, LLC (Discussant: Vicente Royuela) 3) Subjective well-being inequalities in European cities, Vicente Royuela, Universitat de Barcelona (Discussant: Dusan Paredes)4) Is spatial overconcentration a contributing factor to Chile's productivity stagnation?, Dusan Paredes, Universidad Católica del Norte; Timoteo Herrera, Universidad Católica del Norte; Jorge Littin, Universidad Católica del Norte. (Discussant: Ajay Sharma) |
| **Urban Green Space: Infrastructure & Attitudes**Chair: Hyun Kim, Chungnam National University1. Optimal sustainable urban spatial structure with green space and ecological benefits: A spatial equilibrium modeling analysis

Yang Sizheng, Peking University; Zhang Wenjia, Peking University (Discussant: Hyun Kim, Chungnam National University)2) Climate Gentrification and Green Infrastructure in the U.S. Great Lakes Region: Engaging with Heat Exposure and Adaptation PolicyHyun Kim, Chungnam National University (Discussant: Jean Dube, Universite Laval)3) Impact of new residential developments on the urban canopy: an application using an event study analysis approachÉmilie Béland, Universite Laval; Younès Bouakline, Universite Laval; Jean Dube, Universite Laval; Cédrik McKenzie, Universite Laval; Liam Verville, Universite Laval (Discussant: Shengmei Hu, China University of Geosciences)4) Impact of Public Environmental Concern on Green Technology Innovation: A Case Study of the Yangtze River Delta in ChinaShengmei Hu, China University of Geosciences; Hongbing Deng, China University of Geosciences; Hongrui Jiao, China University of Geosciences; Shuang Qin, China University of Geosciences (Discussant: Zhang Wenjia, Peking University) |
| **Special Organized Session: Regional/Rural Development Sessions VIII: Natural Resource Booms**Organizers: Tim Komarek, Colorado State University; Sarah Low, University of Illinois at Urbana-Champaign; Stephan Weiler, Colorado State UniversityChair: John Winters, Iowa State University1) Do Prior Residents Benefit from Energy Booms? Luyi Han, Pennsylvania State University (Discussant: John Winters, Iowa State University)2) Weathering the Storm in Rural America: Economic Resilience in the Face of Climate Extremes Tess Haddock, Oklahoma State University (Discussant: Luyi Han, Pennsylvania State University)3) Resource boom, export composition, concentration, and sophistication: evidence from Brazilian local economies Vinicius Curti Cícero, Colorado State University (Discussant: Tess Haddock, Oklahoma State University)4) Population Impacts of the Fracking Boom and Bust John Winters, Iowa State University (Discussant: Vinicius Curti Cícero, Colorado State University |
| **Advances in Spatial Econometrics**Chair: Andre Chagas, university of Sao Paulo1) Statistical tests for spatial autocorrelation on interval-valued dataJustyna Wilk, Adam Mickiewicz University in Poznan; Tomasz Kossowski, Adam Mickiewicz University in Poznan (Discussant: Shi Ryoung Chang, The Ohio State University)2) How many significant LISA? A multiple testing approach based on a modified Bonferroni correctionGiuseppe arbia, Catholic University; vincenzo nardelli, Catholic University (Discussant: Tomasz Kossowski, Adam Mickiewicz University in Poznan)1. Spatial Spillovers and Productive Efficiency: A Spatial Stochastic Frontier Model for Panel Data

Andre Silva, Federal University of Para; Andre Chagas, university of Sao Paulo; Carlos Azzoni, University of Sao Paulo (USP) (Discussant: Giuseppe Arbia, Catholic University)4) Testing spatial interactions in the presence of dominant unitsShi Ryoung Chang, The Ohio State University (Discussant: Andre Chagas, university of Sao Paulo) |
| **Agri-food Industry: Trade, Value Chains & Consumption** Chair: Hector Nuñez, Banxico and CIDE1) Comparison of soybean production efficeicny and its causes based on GRA-DEA model at the provincial level in China, Xiuli Liu, Academy of Mathematics and Systems Science, Chinese Academy of Sciences (Discussant: Hector Nuñez, Banxico and CIDE)1. Ultra-Processed Food Consumption and Micronutrient Intake in Mexican Region

Hector Nuñez, Banxico and CIDE; Anna Mata, Banxico; Irving Mc Liberty, Banxico; Norma Rodríguez, Banxico (Discussant: Yuko Akune, Nihon University)1. Impacts of free trade agreements on agri-food trade: Evidence from Japan

Yuko Akune, Nihon University (Discussant: George Owusu-Antwi, Central State University)4) Sustainable Farming- Capturing the Future for US Agriculture: Fixed Effect ApproachGeorge Owusu-Antwi, Central State University; Saima Bashir, Central State University (Discussant: Xiuli Liu, Academy of Mathematics and Systems Science) |
| **Political Institution & Public Policy**Chair: Marco Di Cataldo, Ca Foscari University of Venice1. Political Competition, Fiscal Policy, and Economic Outcomes in a Creative Region

Amit Batabyal, Rochester Institute of Technology; Karima Kourtit, Open University, Heerlen; Peter Nijkamp, AI Cuza University (Discussant: Marco Di Cataldo, Ca Foscari University of Venice)1. EU funds in places with weak local institutions

Marco Di Cataldo, Ca Foscari University of Venice; Elena Renzullo, London School of Economics; Andres Rodriguez-Pose, London School of Economics (Discussant: Daniela Constantin, Bucharest University of Economic Studies)1. Poverty pockets in the EU’s capital regions

Daniela Constantin, Bucharest University of Economic Studies (Discussant: Guido Sechi, University of Latvia)1. Space fragmentation as neoliberal urbanism legacy in the new Eurasia: insights and research implications for global urban studies

Guido Sechi, University of Latvia; Oleg Golubchikov, Cardiff University (Discussant: Amit Batabyal, Rochester Institute of Technology) |
| **Migration, Wealth, and Educational Dynamics**Chair: Melody Muldrow, University of Missouri1. Deconstructing the Racial Wealth Disparities in the Black Belt, Melody Muldrow, University of Missouri (Discussant: Juan Sayago Gomez)
2. Effects of the Pandemic on Educational Performance: Minorities and Segregated Group Perspectives, Juan Sayago Gomez, University of Iowa (Discussant: Sijiao Xie)
3. The geography of elite immigration in the United States, Sijiao Xie, Arizona State University (Discussant: Melody Muldrow)
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| **Disparities in Urban & Rural Development**Chair: Rosella Nicolini, Universitat Autònoma de Barcelona1. Towards a Double Bell Theory of Regional Disparities

Roberta Capello, Politecnico di Milano; Silvia Cerisola, Politecnico di Milano (Discussant: Laura Gallina, Gran Sasso Science Institute)1. The social characteristics of territorial risks in Italian urban and rural areas

Laura Gallina, Gran Sasso Science Institute (Discussant: Rosella Nicolni, Universitat Autònoma de Barcelona)1. Population ageing: urban vs rural

Rosella Nicolini, Universitat Autònoma de Barcelona; José Luis Roig Sabaté, Universitat Autònoma de Barcelona (Discussant: Amanda Weinstein, Center on Rural Innovation)1. Beyond Connectivity: The Role of Broadband in Rural Economic Growth and Resilience

Amanda Weinstein, Center on Rural Innovation; May Erouart, Center on Rural Innovation (Discussant: Roberta Capello, Politecnico di Milano) |
| **Economics of Electric Vehicles**Chair: Thomas Klier, Federal Reserve Bank of Chicago1. Evaluating the impact of eco-friendly vehicles and renewable energy on the regional economy and environment: An Input-Output Application

Hiroyuki Shibusawa, Toyohashi University of Technology; Daiki Togashi, Toyohashi University of Technology; Mingj CUI, Toyohashi University of Technology (Discussant: Sasidhar Parasa, Texas Southern University)1. Assessing the Environmental Impact of Electric Vehicles Using a Scenario-Based Analysis in the Texas-Triangle Region.

Sasidhar Parasa, Texas Southern University; Bumseok Chun, Texas Southern University; Pan Qisheng, University of Texas Arlington (Discussant: Thomas Klier, Federal Reserve Bank of Chicago)1. The emerging geography of electric vehicle production in North America: Revolution or evolution?

Thomas Klier, Federal Reserve Bank of Chicago (Discussant: Lin Su, University of Texas at Austin)1. Siting and Sizing of Public-Private Charging Stations and Anticipating Operational Impacts

Lin Su, University of Texas at Austin (Discussant: Hiroyuki Shibusawa, Toyohashi University of Technology) |
| 12:30-1:45 pm  | **Lunch on your own** **NARSC X YSI Informal Young Scholars’ Networking Lunch: TBD** |
| 1:45-3:45 pm  | **Special Organized Session: Regional/Rural Development Sessions IX: International Perspectives in Regional Development**Organizers: Tim Komarek, Colorado State University; Sarah Low, University of Illinois at Urbana-Champaign; Stephan Weiler, Colorado State UniversityChair: John Pender, USDA ERS1. The role of proximities in local multiplex networks: A case study of the seed breeding industry in an agricultural cluster in China

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|  | Qiang Cao, INRA – AgroParisTech (Discussant: John Pender, USDA ERS) |

1. Donkey Business: Trade, Resource Exploitation, and Crime

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|  | Vinicius Cícero, Colorado State University (Discussant: Bunde Aggrey Otieno, University of Pecs, Hungary) |

1. Exploring Reproduction of Artisanal Production Through the Interaction Between Institutions and Artisans in Bengal

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|  | Satyaki Dasgupta, Colorado State University (Discussant: Vinicius Cícero, Colorado State University) |

1. Regional and Spatial Development Perspectives: Shedding Light on Growth and Regional Development Convergence in Sub-Saharan Africa.

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|  | Bunde Aggrey Otieno, University of Pecs, Hungary (Discussant: Satyaki Dasgupta, Colorado State University) |

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| **Economic Impacts of Natural Resources**Chair: Guilherme Salgueiro, Federal University of Minas Gerais1. Assessing the Economic and Workforce impacts of CO2 Utilization (CO2U) Technologies in the U.S.

Alberto Franco Solís, National Renewable Energy Laboratory; Andre F.T. Avelino, National Renewable Energy Laboratory; Mengming Li, National Renewable Energy Laboratory; Yimin Zhang, National Renewable Energy Laboratory; Greg Avery, National Renewable Energy Laboratory (Discussant: Muhammad Sabir, Ghulam Ishaq Khan (GIK) Institute of Engineering Sciences)2) A Cost-Benefit Analysis of the Iran-Pakistan Gas PipelineMuhammad Sabir, Ghulam Ishaq Khan (GIK) Institute of Engineering Sciences &amp; Technology, Pakistan; Yousaf Ali, College of Business, Fahad bin Sultan University, Saudi Arabia (Discussant: Guilherme Salgueiro, Federal University of Minas Gerais)3) Systemic Economic Impacts of Variation in International Oil Prices: The Case of Colombia.Guilherme Salgueiro, Federal University of Minas Gerais; Fernando Perobelli, Federal University of Juiz de For a (Discussant: Felipe Santos, University of Sao Paulo)1. Multidimensional Analysis of the Sea Economy: A Case Study for the Autonomous Region of Madeira, Portugal

Felipe Santos, University of Sao Paulo; Eduardo A. Haddad, University of São Paulo; Ademir Rocha, University of Sao Paulo; Samuel Bicego, University of Sao Paulo (Discussant: Alberto Franco Solís, National Renewable Energy Laboratory) |
| **Entrepreneurial Ecosystem**Chair: Emma Lappi, Aarhus University1. Empowering Entrepreneurs: Age, Telework, and Geographic Context in Transitioning to Entrepreneurship

Ting Zhang, University of Baltimore; Hanchen Yu, Chongqing University; Sheshank Karki, Virginia Tech (Discussant: Emma Lappi, Aarhus University)1. Entrepreneurial Experience and the Urban Productivity Premium

Emma Lappi, Aarhus University; Pontus Braunerhjelm, KTH Royal Institute of Technology (Discussant: Nadeeka Weerasekara, University of Idaho)1. Financial Risk and Minority Business Survival During the Pandemic.

Nadeeka Weerasekara, University of Idaho; Paul Lewin, University of Idaho (Discussant: Nicola Cortinovis, Utrecht University)1. Crowdfunding industrial diversification

Nicola Cortinovis, Utrecht University (Discussant: Ting Zhang, University of Baltimore) |
| **Health and Fertility Risks: Decision Making and Impacts**Chair: Tahmina Begum, Northern Arizona University1. Does childlessness mean economic deterrence? : population declining and population concentration

Hiroyuki Hashimoto, University of Hyogo; Tohru Naito, Doshisha University (Discussant: Tohru Naito, Doshisha University)1. Did the self-restraint at home policy drive away the storks? Evidence from COVID-19 pandemic in Japan

Tohru Naito, Doshisha University (Discussant: Tahmina Begum, Northern Arizona University)1. Increasing Trend of Caesarean Section Delivery and Reproductive Health Justice in Bangladesh

Tahmina Begum, Northern Arizona University (Discussant: Elham Erfanian, Ohio University)1. Does Tap Water Quality Frame Inequality of Health Risk? An Empirical Analysis on the U.S. Minority Group’s Higher Consumption of Sugar-Sweetened Beverages

Gi-Eu Lee, National Cheng Kung University, Taiwan; Elham Erfanian, Ohio University (Discussant: Hiroyuki Hashimoto, University of Hyogo) |
| **Firm Behavior & Productivity**Chair: Marie-Pier Champagne, North Carolina State University1) City Institution and Firm Productivity: The Impact of the Administrative Ranks of Chinese CitiesChengri Ding, University of Maryland; Xiangwei Sun, University of Illinois Urbana-Champaign (Discussant: Marie-Pier Champagne, North Carolina State University)1. Lead the way: The role of tourist pedestrian route on firms’ behavior

Marie-Pier Champagne, North Carolina State University; Jean Dube, Universite Laval (Discussant: Diego Andres Cardenas Morales, Laval University)1. Dynamics of firm demography: An analysis of knowledge-intensive business services (KIBS) in the Montreal metropolitan area

Diego Andres Cardenas Morales, Laval University; Jean Dube, Universite Laval; Richard Shearmur, McGill University (Discussant: Sabine D'Costa, University of Westminster)1. Market Potential and the Firm-Exit Productivity nexus

Sabine D'Costa, University of Westminster; Adelheid Holl, Spanish National Research Council (Discussant: Xiangwei Sun, University of Illinois Urbana-Champaign) |
| **Gender Disparity in Labor Market**Chair: Susana Chacón-Espejo, Universidad Santo Tomás1. Gender-based inequality in consumption expenditure

Tatiane Menezes, Federal University of Pernambuco; Ana Luiza Neves de Holanda Barbosa, IPEA; Carlos Azzoni, University of Sao Paulo (USP); Alexandre Nunes de Almeida, ESALQ – USP (Discussant: Susana Chacón-Espejo, Universidad Santo Tomás)1. Female home-based entrepreneurship: the influence of gender roles perceptions and mobilities barriers

Susana Chacón-Espejo, Universidad Santo Tomás; Victor Iturra, Universidad de Talca (Discussant: Carsten Ochsen, University of Applied Labour Studies)1. On the Gender Pay Gap in Germany

Carsten Ochsen, University of Applied Labour Studies; Stephan Brunow, University of Applied Labour Studies; Michaela Fuchs, Institute for Employment Research (Discussant: Laura Ciucci, University of Artois)1. Unveiling the Evolution of Gender Gap of PhD holders: A Regional Perspective in Italy

Laura Ciucci, University of Artois; Martina DalMolin, GRAN SASSO Science Institute; Claudio Detotto, University of Corsica; Adriana Pinate, GRAN SASSO Science Institute (Discussant: Tatiane Menezes, Federal University of Pernambuco) |
| **Post-disaster and Policy Impacts on Regional Economies**Chair: Chun Fang Liu, Ming Chuan University1. The Spatial Resilience of Rural Towns in Post-Disaster Recovery and the Rise of Emerging Industries: A Case Study of Rural Area of Urban-Regions in Sichuan, Mainland China

Chi-Tung Hung, MING CHUAN UNIVERSITY; Yu-Shan Huang, MING CHUAN UNIVERSITY; Wen-Yen Lin, Ming Chuan University (Discussant: Chun Fang Liu, Ming Chuan University)1. Emergence of Smart Resilient Tourist Towns in the Context of Post-Earthquake and Epidemic Catalysis: A Case Study of Beichuan County, China

CHUN FANG LIU, MING CHUAN UNIVERSITY; Chi-Tung Hung, MING CHUAN UNIVERSITY (Discussant: Jingwen Zheng, George Washington University)1. Skies Unleashed? How Removing Building Height Limits in Hong Kong Impacts

Jingwen Zheng, George Washington University (Discussant: Julia Crowley, University of Missouri-Kansas City)1. An Assessment of the Effectiveness of Local Plastic Ordinances Based on the Knowledge, Attitudes, and Practices of Retailers in Laoag City, Philippines

Julia Crowley, University of Missouri-Kansas City (Discussant: Chi-Tung Hung, MING CHUAN UNIVERSITY) |
| **Geography of Education: Outcomes & Impacts**Chair: Adam Ploszaj, University of Warsaw1. Regional differences in the relationship between education and happiness: Evidence from the North Central and Northeast Regions

Zuzana Bednarik, North Central Regional Center for Rural Development (Discussant: Xiangwei Sun, University of Illinois Urbana-Champaign)1. Spatial Heterogeneity in the returns of Universities R&D on Productivity Convergence: the case of China

Xiangwei Sun, University of Illinois Urbana-Champaign; Sandy Dall'erba, University of Illinois - Urbana-Champaign (Discussant: Adam Ploszaj, University of Warsaw)1. The impact of the Russian invasion of Ukraine on higher education and research institutions in the European borderland

Adam Ploszaj, University of Warsaw (Discussant: Anthony Frigon, HEC Montreal)1. Going Separate Ways: Spatial Sorting by Education, Work, and Real Income in the USA since 1970

Anthony Frigon, HEC Montreal; Michael Storper, University of California, Los Angeles (Discussant: Zuzana Bednarik, North Central Regional Center for Rural Development) |
| **Historical Pathways of Regional Economies**Chair: Jaime Bonet, Banco de la República1. Old But Gold: Historical Pathways and Path Dependence

Diogo Baerlocher, University of South Florida; Diego Firmino Costa da Silva, Universidade Federal Rural de Pernambuco; Guilherme Lambais, ULisboa; Eustáquio Reis, IPEA; Henrique Veras, Universidade Federal de Pernambuco (Discussant: Rafael González-Val, Universidad de Zaragoza)1. Economic Growth in the ‘Republican regions’ during the Franco Dictatorship in Spain

Rafael González-Val, Universidad de Zaragoza; Javier Silvestre, Universidad de Zaragoza (Discussant: Jaime Bonet, Banco de la República)1. The history of urban neighborhoods in Colombia: The Case of La Matuna in Cartagena de Indias, 1890 - 2022

Jaime Bonet, Banco de la República; Andrés Parra-Solano, Universidad Externado de Colombia (Discussant: Aurelie Lalanne, university of Bordeaux)1. Long-term organization of urban growth in France (1800-2015)

Aurelie Lalanne, University of Bordeaux (Discussant: Diego Firmino Costa da Silva, Universidade Federal Rural de Pernambuco) |
| 3:45pm-4:00pm | **Coffee break** |
| 4:00-6:00pm | **Transportation Planning and Policy Analysis**Chair: Davis Chacón Hurtado, University of Connecticut1) Regional climate planning in its adolescence: A framework for evaluating fifteen years of Sustainable Communities Strategies in Southern California, Kevin Kane, Southern California Association of Governments (Discussant: Jason Hawkins) 1. Understanding US Vehicle Dynamics As a Social-Spatial Process, Jason Hawkins, University of Nebraska Lincoln (Discussant: Kentaro Mori)
2. Day-of-Week, Month, and Seasonal Demand Variations: Comparing Flow Estimates Across New Travel Data Sources, Kentaro Mori, University of Texas at Austin (Discussant: Davis Chacón Hurtado)
3. Exploring the relationship between the built environment, crime, and bus ridership: A case study in Hartford, Connecticut, Davis Chacón Hurtado, University of Connecticut (Discussant: Kevin Kane)
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| **Transportation Networks and Accessibility**Chair: Roberto Patuelli, University of Bologna1) The effect of construction sites on the occurrence of motor vehicle accidents in cities: The case of New York City, Daniel Centuriao, West Virginia University (Discussant: Roberto Patuelli) 2) Network Robustness to Locate Mobility Hubs: A Multicriteria Approach, Roberto Patuelli, University of Bologna (Discussant: John Östh) 3) Resilience and network connectivity in the Balkans, John Östh, Oslomet University (Discussant: John Östh) 4) Hansen’s Accessibility Theory and Machine Learning: A Useful Merger or Just More of the Same?, John Östh, Oslomet University (Discussant: Daniel Centuriao) |
| **Economic Opportunities**Chair: Luyi Han, Pennsylvania State University1. Moving to STEM: Do institutions gain from reclassifying economics programs?, Shengrong Hu, Iowa State University (Discussant: Luyi Han)
2. Innovation and Financial Access Across the Rural-Urban Divide: Evidence from Confidential U.S. Business Data, Luyi Han, Pennsylvania State University (Discussant: Kathrine Richardson)
3. The Lure of the Northern Star: Vancouver, Canada as an Emerging Global City Destination for Global High Tech Firms and Foreign Talent, Kathrine Richardson, San Jose State University (Discussant: Ayoung Kim)
4. Consumers’ Willingness to Pay for US Broadband: Synthesizing Literature for Extension and Outreach Implications, Ayoung Kim, Mississippi State University (Discussant: Shengrong Hu)
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| **Renewable Energy Transition and Policy Impacts**Chair: Marco Percoco, Bocconi University1) Sun, Wind, and Sweat: Local Labor Impacts of Renewable Energy Investments, Thiago Pastorelli Rodrigues, University of Sao Paulo (Discussant: Marco Percoco) 1. The Impact of Green Policies on Local Economic Performance: Evidence from the EU ETS, Marco Percoco, Bocconi University (Discussant: Nathan Kemper)
2. Factors Influencing the Transition to Renewable Energy in Rural American Communities: The Role of Multi-Level Governance, Nathan Kemper, University of Arkansas (Discussant: Yujin Lee)
3. Community and Household Determinants of Adopting Solar Energy in Ethiopia: Rural and Urban Comparisons, Yujin Lee, Cornell University (Discussant: Thiago Pastorelli Rodrigues)
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| **Resilience and Disaster Management**Chair: Zhongqi Zheng, University of California at Santa Barbara1. Adapting to Climate Shocks: Evidence from California Wildfires, Victoria Wang, UCLA (Discussant: Zhongqi Zheng)
2. Evacuation bottlenecks in fire prone regions, Zhongqi Zheng, University of California at Santa Barbara (Discussant: Hongnan Sun)
3. Mass Evacuation for Communities at Risk for Wildfires: A Case Study of Upper Tantallon, Canada, Hongnan Sun, Dalhousie University (Discussant: Kieran P. Donaghy)
4. An Examination of the Resilience of the Iraqi Economy and Transport Infrastructure Networks to Human and Natural Disruptions, Kieran P. Donaghy, Cornell University (Discussant: Victoria Wang)
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| **Climate Change and Environmental Impact** Chair: Nyonho Oh, Ohio State University1. Changes in Flood Risk to Critical Infrastructure in the Context of Climate Change - A Case Study of Kinmen, Shou-Chi Chen, Michigan State University (Discussant: Monica Haddad)
2. Addressing social vulnerability when planning for climate change: The case of Belo Horizonte Metropolitan Region, Brazil

Monica Haddad, Iowa State University; Natalia Nery, Iowa State University; Ana Clara Moura, Federal University of Minas Gerais (Discussant: Nyonho Oh) 1. Predicting Heat-Related Illnesses Due to Increasing Heatwaves: A Machine Learning and Geospatial Analysis Across Texas, Nyonho Oh, Ohio State University (Discussant: Jason Hawkins)
2. A Multi-Level Analysis of CO2 Emissions and Land Use, Jason Hawkins, University of Nebraska Lincoln (Discussant: Shou-Chi Chen)
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| **Transportation Infrastructure and Regional Development**Chair: Yue Ke, Argonne National Lab1. The Effects of High-Speed Rail on Regional Integration: Evidence from the Opening of the Hong Kong Vibrant Express, Zhenhua Chen, Ohio State University (Discussant: Yue Ke)
2. Economic Impacts of Electric Vehicle Production in the United States, Yue Ke, Argonne National Lab (Discussant: Veneziano Araujo)
3. Enhancing Innovation through Transport Infrastructure: Airports Expansion and Patents in Brazil, Veneziano Araujo, Federal University of São Paulo (Discussant: Liming Wang)
4. Modeling the Impact of Autonomous Vehicles on Travel and Land Use with an Agent-Based Approach, Liming Wang, Portland State University (Discussant: Zhenhua Chen)
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| **Trade, Inequality, and Regional Economies**Chair: George Owusu-Antwi, Central State University1. Renewable and Non-Renewable Energy Embodied in International Trade, Filipe Rocha, Federal University of Juiz de Fora (Discussant: Siddhartha Rastogi)
2. A Gravity Model for Analyzing African Nation’s Trade with India, Siddhartha Rastogi, Indian Institute of Management Indore (Discussant: George Owusu-Antwi)
3. Do Exchange Rate Volatility Matters? The Case of Foreign Direct Investment (FDI) Flows in Ghana, George Owusu-Antwi, Central State University (Discussant: Muhammad Sabir)
4. Unravelling the Export Obstacles: A Systematic Analysis of Pakistan’s Salt Export Challenges Using Interpretive Structure Modeling (ISM) Approach, Muhammad Sabir, Ghulam Ishaq Khan (GIK) Institute of Engineering Sciences & Technology, Pakistan (Discussant: Filipe Rocha)
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| **Regional Governance Structure and Politics**Chair: Christopher Fowler, Pennsylvania State University1. Residential Decision-Making of College Students in an Era of Increasing Political Bifurcation and Devolution of Individual Rights, Emily Wornell, Ball State University (Discussant: Christopher Fowler)
2. Spatial variation in the voting population: comparing the American Community Survey and State Voter Roll data, Christopher Fowler, Pennsylvania State University (Discussant: Cindy Quiroz)
3. The Fate and Impact of Challenged Public-Private Partnership Projects: An Assessment of U.S. Experience, Cindy Quiroz, George Mason University (Discussant: Lee Hachadoorian)
4. Jurisdictional homogeneity and coterminous local government borders: A comparison of counties in New Jersey and New York State, Lee Hachadoorian, Temple University (Discussant: Emily Wornell)
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| 3:15-5:15 pm  | Walking Tour ?: TBD  Last year:Barrio Logan: Craft Breweries in a LatinX Neighborhood  |