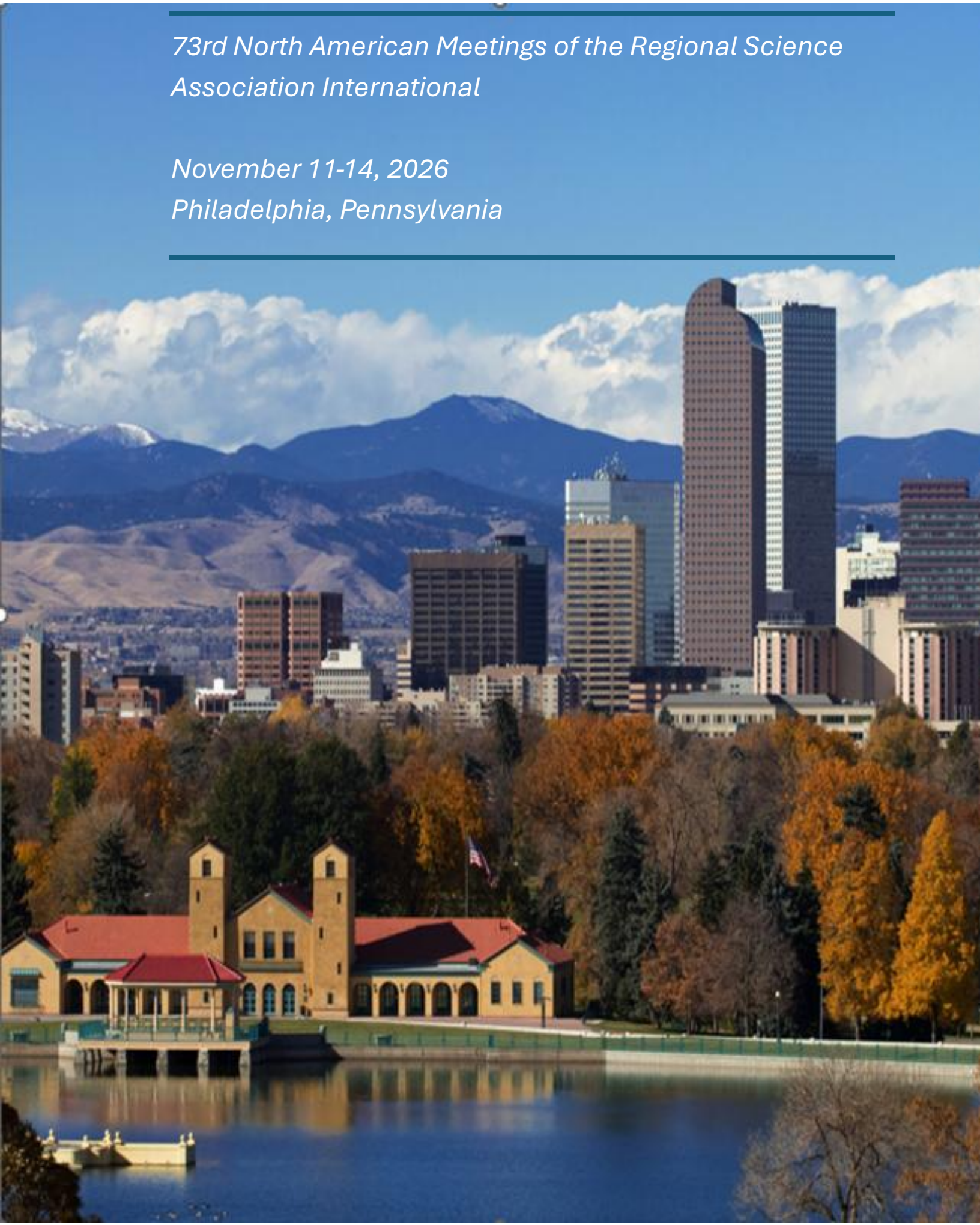
73rd North American Meetings of the Regional Science Association International

November 11-14, 2026
Philadelphia, Pennsylvania



Welcome to Philadelphia and the 73rd NARSC Meeting!

On behalf of the North American Regional Science Council (NARSC), I welcome you to the Annual North American Meetings of the Regional Science Association International (RSAI).

We are returning to Philadelphia, Pennsylvania, for 2026, our first time back in "The Cradle of Liberty" in quite some time, as our last meeting here took place back in 2003, when we celebrated the 50th North American Meetings of the RSAI. While we aren't celebrating a major anniversary this year, there are still exciting things happening here at NARSC, and plenty to do both within the conference and throughout the city!

Our conference hotel, the Sheraton Philadelphia Downtown is located conveniently in the heart of the city! For those looking for a taste of all Philadelphia has to offer, I hope you visit the many food stalls at Reading Terminal Market, only a short twelve-minute walk from our venue. Also, nearby is The Franklin Institute, The Philadelphia Museum of Art, and many of Philadelphia's most iconic historical and cultural sites, public parks, and squares. While a bit further away, the Please Touch Museum is a short 11-minute drive from our conference hotel, and an excellent option for families with kids! If you need more information on any of these suggestions or additional suggestions on how to make the most of your leisure time in Philadelphia, Visit Philadelphia® has you covered!

On Wednesday morning, we will have three preconference workshops (advanced registration required) before hosting a special session on The New Geography of Wellbeing hosted by The Regional Science Academy at 2 p.m. At 6:30 PM, Eduardo Haddad of the University of São Paulo will deliver the RSAI Fellows Lecture titled, "Regional Science Meets the Past: Coin Circulation in Ancient Rome," which will be followed by Wednesday evening's Icebreaker Reception.

Starting Thursday and continuing through Saturday afternoon, we have a dynamic agenda in store, including over 50 different paper sessions, many of which are organized special sessions, and one panel discussion, all covering a wide range of research topics across the field of regional science. I encourage everyone to attend and fully engage in as many sessions as you can, even if they are outside of your primary field of research! Robust scholarly discussions that begin as discussant comments or audience questions within these sessions and continue beyond are one of, if not, the most valuable parts of attending a regional science conference!

On Thursday evening at 6:45 p.m., Janet Kohlhase of the University of Houston will deliver the Presidential Address. Her presentation, "Can Big Cities Survive the Next Onslaught?", will be followed by the Welcome Reception.

On Friday morning, there will be two sessions (one at 8:00 AM and one at 10:30 AM) showcasing the research of the finalists for the two NARSC Graduate Student Paper Competitions. Our organization places a strong emphasis on providing a welcoming and

supportive environment for these promising young scholars, and we hope you will come to see the innovative new perspectives they are bringing to the field of regional science and support them through lively discussion and participation in Q&A portions of these sessions.

When it comes to ensuring that we continue our legacy and reputation as an organization known for providing an inclusive environment in which participants engage in scholarly exchange of ideas and knowledge while demonstrating appropriate professional conduct, please note that NARSC Council has approved and posted a Code of Conduct. Part of what makes the NARSC meetings so unique is this environment where everyone, from established regional scientists, early career scholars, and students alike feel welcome, comfortable, and able to come together to foster exchange across academic disciplines, strengthening and growing the field of regional science.

Finally, the Awards Ceremony Luncheon is included in the cost of your registration; please be sure to attend on Friday at 12:45 p.m. to support and celebrate our colleagues that are receiving these honors as well as to learn more about other upcoming regional science events.

This year's conference is sponsored by IMPLAN, REMI, and the Regional Research Institute at West Virginia University. Please help me extend our gratitude for their support and speak to them about their organizations if you see their representatives in Philadelphia!

Special thanks to Neil Reid, 2025 NARSC President and 2026 Program Chair, John Sporing, NARSC Executive Director, and Brad Smith of MeetingSavvy for their efforts in planning and executing this conference, Caleb Stair and Elham Erfanian for their support in preparing and executing on-site activities, and to the full NARSC Council for maintaining NARSC as an organization throughout the year.

Please enjoy participating in the 73rd North American Meetings of the Regional Science Association International! I look forward to hearing insightful discussions, watching long-time colleagues reconnect, and seeing the sparks of new ideas and new connections fly throughout this year's meetings.

Christa D. Court

NARSC Council Chair, on behalf of the North American Regional Science Council

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NARSC Code of Conduct

The North American Regional Science Council (NARSC) organizes and hosts the North American Meetings of the Regional Science Association International to provide a forum for scholarly interaction and discussion. NARSC is committed to creating a welcoming environment where everyone can fully participate. NARSC recognizes that building this environment requires proactive engagement from attendees. To help achieve NARSC's mission, attendees are expected to interact in ways that demonstrate appropriate professional conduct.

In 2026, the NARSC Council approved the NARSC Code of Conduct, which all participants in NARSC events are responsible for adhering to. As the Code of Conduct is new this year, NARSC event participants should familiarize themselves with the NARSC Code of Conduct and to abide by its stipulations and sanctions. The complete NARSC Code of Conduct is available on the NARSC website at https://www.narsc.org/newsite/about/code-of-conduct/.

2026 Organizing and Program Committee

Local Arrangements

- John Sporing, BEA, U.S. Department of Commerce (retired)

Program Chair

- Neil Reid, University of Toledo

Session and Workshop Organizers

- Peter Batey, University of Liverpool
- Jaime Bonet, Banco de la Republica – Colombia
- Sebastien Bourdin, IESEG School of Management
- Mckenzie Boyce, University of Wisconsin - Madison
- Elijah Knaap, University of California Irvine
- Craig Carpenter, Michigan State University
- Daniel Centuriao, Pennsylvania State University
- Christa Court, University of Florida
- Tim Komarek, Colorado State University
- Karima Kourtit, Open University of the Netherlands
- John Madden, Victoria University
- Claudia Montania, University of Illinois - Urbana-Champaign
- Alan Murray, University of California at Santa Barbara
- Peter Nijkamp, Open University of the Netherlands
- Yasuhide Okuyama, University of Kitakyushu
- Neil Reid, University of Toledo
- Adam Rose, University of Southern California
- Heather Stephens, West Virginia University
- Keith Waters, George Mason University
- Ran Wei, University of California, Riverside
- John Winters, Iowa State University
- Ting Zhang, University of Baltimore

NARSC Council Directory

Voting Members

- Janet Kohlhase, President, University of Houston
- Christa Court, Chair, University of Florida
- Christa Court, Councilor-at-Large, 2024-2026, University of Florida
- Eli Knapp, Councilor-at-Large, 2024-2026, San Diego State University
- Elizabeth Dobis, Councilor-at-Large, 2025-2027, USDA Economic Research Service
- Carlianne Patrick, Councilor-at-Large, 2025-2027, Georgia State University
- Christina Miller, Councilor-at-Large, 2026-2028, USDA Innovation Center
- Brian Whitacre, Councilor-at-Large, 2026-2028, Oklahoma State University
- McKenzie Boyce, Student Representative, 2024-2026, University of Wisconsin-Madison
- Bruce Newbold, Canadian RSA, McMaster University
- Tessa Conroy, Mid-Continent RSA, University of Wisconsin-Madison
- Heather Stephens, Northeastern RSA, Regional Research Institute
- Amanda Weinstein, Southern RSA, University of Akron
- Jaewon Lim, Western RSA, University of Nevada, Las Vegas

Ex-officio (Non-Voting) Members

- Sarah Low, Immediate Past Chair, University of Illinois-Urbana Champaign
- John Sporing, NARSC Executive Director
- Ana Viñuela, RSAI Executive Director, University of Oviedo
- Rosella Nicolini, Editor-in-Chief, Papers in Regional Science, Universitat Autònoma de Barcelona
- Elizabeth Mack, Editor, Papers in Regional Science, Michigan State University
- Andrea Caragliu, Editor-in-Chief, Regional Science Policy & Practice, Politecnico di Milano
- Neil Reid, Editor, Regional Science Policy & Practice, University of Toledo

NARSC Graduate Student Paper Competition

Committee Chairs

- Christa Court, University of Florida
- Claudia Montanía Portillo, University of Arizona

Committee Co-Chairs

- Mckenzie Boyce, Oklahoma State University
- Daniel Centuriao, Pennsylvania State University

Reading Committee:

- Saman Herath Bandara - West Virginia State University
- Zuzana Bednarik - North Central Regional Center for Rural Development, Purdue University
- Sukriti Beniwal, Georgia State University
- Jaime Bonet - Banco de la Republica - Colombia
- Andrea Caragliu, Politecnico di Milano
- Vinicius Cicero, Denison University
- Tessa Conroy, University of Wisconsin-Madison
- Federico Corredor, Georgia State University
- Xiaozhou Ding - South Dakota State University
- Rosa Duarte, University of Zaragoza
- Elham Erfanian, Black Hills State University
- Miquel-Angel Garcia-Lopez - Universitat Autònoma de Barcelona
- Yadira Gomez-Hernandez - University of Bath and London School of Economics
- Yuanyuan Gu - Nanjing University of Information Science & Technology
- Rachel Guillain - Université Bourgogne
- Luyi Han - Pennsylvania State University
- Tim Komarek, Colorado State University
- Michael L. Lahr, Rutgers University
- Bruce Newbold - McMaster University
- Rosella Nicolini - Universitat Autònoma de Barcelona
- Caroline Welter, Skidmore College
- Brian Whitacre, Oklahoma State University

Past and Future Conferences

Detroit, MI December 27–29, 1954

New York, NY December 27–30, 1955

Cleveland, OH December 27–29, 1956

Philadelphia, PA December 28–30, 1957

Chicago, IL December 27–29, 1958

Washington, DC December 27–29, 1959

St. Louis, MO December 28–30, 1960

New York, NY December 27–29, 1961

Pittsburgh, PA December 27–29, 1962

Chicago, IL November 15–17, 1963

Ann Arbor, MI November 13–16, 1964

Philadelphia, PA November 12–14, 1965

Clayton, MO November 4–6, 1966

Cambridge, MA November 3–5, 1967

Cambridge, MA November 8–10, 1968

Santa Monica, CA November 7–9, 1969

Philadelphia, PA November 6–8, 1970

Ann Arbor, MI November 12–14, 1971

Philadelphia, PA November 10–12, 1972

Atlanta, GA November 9–11, 1973

Chicago, IL November 8–10, 1974

Cambridge, MA November 7–9, 1975

Toronto, Ontario November 12–14, 1976

Philadelphia, PA November 11–13, 1977

Chicago, IL November 10–12, 1978

Los Angeles, CA November 9–11, 1979

Milwaukee, WI November 14–16, 1980

Montreal, Quebec November 13–15, 1981

Pittsburgh, PA November 12–14, 1982

Chicago, IL November 11–13, 1983

Denver, CO November 9–11, 1984

Philadelphia, PA November 15–17, 1985

Columbus, OH November 14–16, 1986

Baltimore, MD November 6–8, 1987

Toronto, Ontario November 11–13, 1988

Santa Barbara, CA November 10–12, 1989

Boston, MA November 9–11, 1990

New Orleans, LA November 7–11, 1991

Chicago, IL November 12–14, 1992

Houston, TX November 11–14, 1993

Niagara Falls, Ontario November 17–20, 1994

Cincinnati, OH November 8–13, 1995

Arlington, VA November 14–17, 1996

Buffalo, NY November 5–9, 1997

Santa Fe, NM November 11–14, 1998

Montreal, Quebec November 11–14, 1999

Chicago, IL November 9–11, 2000

Charleston, SC November 15–17, 2001

San Juan, PR November 14–17, 2002

Philadelphia, PA November 20–23, 2003

Seattle, WA November 11–13, 2004

Las Vegas, NV November 10–12, 2005

Toronto, Ontario November 15–19, 2006

Savannah, GA November 7–11, 2007

New York City, NY November 19–22, 2008

San Francisco, CA November 19–21, 2009

Denver, CO November 10–13, 2010

Miami, FL November 9–12, 2011

Ottawa, Canada November 7–10, 2012

Atlanta, GA November 13–16, 2013

Washington, DC November 12–15, 2014

Portland, OR November 11–14, 2015

Minneapolis, MN November 9–12, 2016

Vancouver, Canada November 8–11, 2017

San Antonio, TX November 7–10, 2018

Pittsburgh, PA November 13–16, 2019

Virtual Conference November 9–13, 2020

Denver, CO November 10-13, 2021

Montreal, QC November 9-12, 2022

San Diego, CA November 15-18, 2023

New Orleans, LA November 15-18, 2024

Denver, CO November 12-15, 2025

Philadelphia, PA November 11-14, 2026

New Orleans. LA November 10-13, 2027

Instructions to NARSC Session Participants

- Please stick to the printed program schedule. Each session has a specific time slot assigned to presentations. If there is a no-show, use the time to discuss previous papers or take a break. Do not rearrange papers to fill gaps in the schedule, as attendees may have specific interests in particular papers.

- Each breakout room will be equipped with a projector. The Session Chair is responsible for bringing laptop computers to use by all session presenters. If you are a Session Chair and unable to bring a laptop, kindly communicate with other session participants to ensure that someone in the session brings a laptop. Please note that NARSC will not provide laptops for use in individual sessions.

- NARSC will have adapters for Apple products at the registration desk, but you must bring your projector adapter.

- Presenters should save presentations in both PowerPoint and PDF formats. Emailing a copy to themselves ensures a backup.

- Most sessions have 4 papers. Each paper should be given 30 minutes in total (20-minute presentation, 5-minute discussion, and 5-minute Q&As). If your session has 3 or 5 papers, make sure to distribute the time accordingly.

- Hold everyone to the time allotted. If a speaker continues after time has expired, rise, ask those present to join you in thanking the speaker, and announce the next presentation. The audience and other speakers will support your decision.

- Please be considerate of the next session by ensuring your session is completed at the appropriate time, and the meeting room is vacated in time for the next session.

- Each paper is assigned a discussant to review and offer constructive comments on the paper. There is one discussant for each paper. The discussants for each session are listed in the program in sequential order. The first discussant listed is responsible for discussing the first paper presented; the second discussant listed is responsible for discussing the second paper presented, etc. Some sessions may have allocated their discussants differently.

- The discussant should come prepared to provide approximately 5 minutes of discussion of the paper. Possible speaking points include its merits and questions' regarding methods, data, or findings – a summary of the paper is neither expected nor

appropriate. As a presenter, we ask that you share your paper (or slides). with your discussant as early as possible so that the discussant has sufficient time to review it.

Conference Highlights and Business Meetings

Wednesday, November 11

Workshops

PySAL Workshop (Pre-registration required)

Wednesday | 9:00-16:00 | Freedom E

Organizer: Elijah Knaap, University of California Irvine

IMPLAN Workshop (Pre-registration required)

Wednesday | 9:00-17:00 | Freedom F

GCE Workshop (pre-registration required)

Wednesday | 9:00-17:00 | Freedom H

Orhanizer: John Madden, Victoria University

NARSC Plenary: RSAI Fellows Lecture

- Regional Science Meets the Past: Coin Circulation in Ancient Rome, Eduardo Haddad, Sao Paulo
  18:30-19:30| Liberty D

Icebreaker Reception

• 20:00-21:00 pm | Liberty D Foyer

Thursday, November 14

Regular sessions

• 8:00-18:30

Business meeting

- NARSC Council Meeting (Invitation only)
  8:00-10:00 | Salon 9

- RSA Long Range Planning Committee Meeting (Invitation only)
  10:30-12:30 | Salon 9

- SRSA Council (by invitation only)
  Thursday | 14:00-16:00 | Salon 9

NARSC Plenary: Presidential Address

- Can Big Cities Survive the Next Onslaught?
  Janet Kohlhase, University of Houston
  18:45–19:45 I Liberty D

Welcome Reception

• 20:00-21:00 | Liberty D Foyer

Friday, November 13

Regular sessions

• 8:00-17:00

Business Meeting

- RSAI Council Meeting [Invitation only]
  10:30-12:30 | Salon 9

- Graduate-Student-Author Paper Competition
  8:00-10:00| Salon 3/4

- Graduate-Student-Led Paper Competition
  10:30-12:30| Salon 3/4

Lunch and awards ceremony (open to all)

• 12:45-14:45 | Liberty D

Saturday, November 14

Regular sessions

8:00-16:00

RSAI THE REGIONAL SCIENCE ASSOCIATION INTERNATIONAL

RSAI Fellows Lecture

Regional Science Meets the Past: Coin Circulation in Ancient Rome

Wednesday, November 11, 6:30-7:30pm, Liberty D



Speaker - Eduardo Haddad, University of Sao Paulo

Chair – Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign

North American Regional Science Council

Promoting Regional Science in Canada and the United States

NARSC Presidential Lecture

Can Big Cities Survive the Next Onslaught?

Thursday, November 12, 6:45pm-7:45pm, Liberty D



Speaker – Janet Kolhase, University of Houston

Chair – David Plane, University of Arizona

Wednesday, November 11

1. PySAL Workshop (Pre-registration required) [Workshop]
Wednesday | 9:00-16:00 | Freedom E

Organizer: elijah knaap, University of California Irvine
2. IMPLAN Workshop (Pre-registration required) [Workshop]
Wednesday | 9:00-17:00 | Freedom F

3. GCE Workshop (pre-registration required) [Workshop]
Wednesday | 9:00-17:00 | Freedom H
Organizer: John Madden, Victoria University

4. The New Geography of Wellbeing - The Regional Science Academy [Special Session]
Wednesday | 14:00-16:30 | Freedom G

Organizers: Karima Kourtit, Open University of The Netherlands; Peter Nijkamp, Open University of the Netherlands;
Chair: Karima Kourtit, Open University of The Netherlands,

- *Social and economic determinants of subjective well-being: Rural-urban differences.* Zuzana Bednarik, North Central Regional Center for Rural Development
- *If they're unhappy, why don't they move?* Steven Bond-Smith, University of Hawai'i at Manoa
- *Rural livability and economic development.* Tessa Conroy, University of Wisconsin-Madison
- *City love and spatial comfort zones.* Peter Nijkamp, Open University of the Netherlands, Karima Kourtit, Open University of The Netherlands
- *What is rural livability?* Steve Deller, University of Wisconsin-Madison.
- *Beyond GDP and territorial cohesion: Well-being, trust, and regional malaise in Europe.* Sebastian Bourdin, IESEG School of Management
- *The geography of the time tax: From RTP-related travel-time exposure to commuter wellbeing in Seattle.* Lin Zheng, Cornell University
- *Beyond the urban premium:* Job security, remote work and the in-between places of regional wellbeing. Lina Bjerke, Jönköping University

5. RSAI Fellows Plenary Lecture [Plenary]
Wednesday | 18:30-19:30 | Liberty D

Chair: Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign

- *Regional Science Meets the Past: Coin Circulation in Ancient Rome.* Eduardo Haddad, University of Sao Paulo

6. NARSC Icebreaker Reception [Reception]
Wednesday | 20:00-21:00 | Liberty D Foyer

Thursday | 8:00-10:00 | Freedom E

7. Chair: Lee Hachadoorian, Temple University

- *Regional and Spatial Evidence on Consumer Spending from Alaska's Universal Cash Transfer*. Mouhcine Guettabi, university of north carolina wilmigton
- *Automation Is Not Enough: Configurational Pathways to Medicaid Renewal Performance Across U.S. States.* Sheila Bónfa, University of La Verne, Soomi Lee, University of La Verne
- *Land Rent, Public Expenditure, and the Henry George Theorem: Patterns and Anomalies Across US Metropolitan Areas - Preliminary Evidence from Rosen-Roback Land Rent Estimates.* Lee Hachadoorian, Temple University
- *Evaluating the Performance of Vietnam's National Target Program on New Rural Development (NTP-NRD) using the Rural Development Index (RDI).* Heo Jang, GSnJ Institute, Kisuk Chun, Korea University, Tae-Hwa Kim, Kongju National University

Discussants:

- Tae-Hwa Kim, Kongju National University
- Mouhcine Guettabi, university of north carolina wilmigton
- Soomi Lee, University of La Verne
- Lee Hachadoorian, Temple University

8. Artificial Intelligence and Regional Economic Transformation [Paper Session]
Thursday | 8:00-10:00 | Freedom F

Chair: Olivia Galloway, Center on Rural Innovation

- *Spatial AI for Growth Management: A Data Driven Modeling Framework for Development Suitability and Planning Interventions.* Jae Teuk Chin, University of Seoul
- *China's AI Pilot Zones and Small-Firm Entrepreneurship: Evidence from a Place-Based Innovation Policy*. Jacques-Zachary Ikoo, Peking University
- *Generative AI and the reallocation of cognitive work.* Steven Bond-Smith, University of Hawai'i at Mānoa
- *What AI Exposure Measures Reveal About Rural Labor Markets.* Amanda Weinstein, Center on Rural Innovation, Adam Dewbury, Center on Rural Innovation, Lindsey Elliott, Center on Rural Innovation, Olivia Galloway, Center on Rural Innovation

Discussants:

- Olivia Galloway, Center on Rural Innovation
- Jae Teuk Chin, University of Seoul
- Jacques-Zachary Ikoo, Peking University
- Steven Bond-Smith, University of Hawai'i at Mānoa

9. Financial Innovation, Entrepreneurship, and Regional Growth [Paper Session]
Thursday | 8:00-10:00 | Freedom G

Chair: Marina Stanojević, University of Niš Faculty of Economics

- *The Role Played by Financial Services Clusters and Centres in Local, City and Regional Growth: Insights from the UK and Continental Europe.* Philip McCann, , Michiel Daams, University of Groningen, Raquel Ortega-Argiles, University of Manchester, Alfonso Silva-Ruiz, University of Manchester, Colin Mayer, University of Oxford
- *Fintech Lending Expansion and Firm Outcomes: Evidence from U.S. National Establishment Time Series (NETS) data.* Kosar Hosseini, Pennsylvania State University, Luyi Han, Penn State University, Qingxiao Li, Louisiana State University
- *Beyond Hard Infrastructure: Firm Perceptions of Urban Competitiveness and the Livability – Business Nexus in Serbian Cities.* Marina Stanojević, University of Niš Faculty of Economics, Jelena Stanković, University of Niš Faculty of Economics, Vesna Janković Milić, University of Nis, Faculty of Economics, Ivana Marjanovic, University of Niš Faculty of Economics
- *From Non-Employer to Employer: Transition Dynamics of U.S. Startups across the Rural–Urban Divide.* Luyi Han, Penn State University, Zheng Tian, Pennsylvania State University, Xiaoyin Li, West Virginia University, Matthew Fredriksson, West Virginia University, Heather Stephens, West Virginia University, Stephan Goetz, Pennsylvania State University

Discussants:

- Heather Stephens, West Virginia University
- Philip McCann,
- Kosar Hosseini, Pennsylvania State University
- Marina Stanojević, University of Niš Faculty of Economics

10. Advances in Spatial Heterogeneity, Network Modeling, and Regional Economic Complexity [Paper Session]
Thursday | 8:00-10:00 | Freedom H

Chair: Enrique Gilles, CESA Business School

- *Spatial Regimes Additive Learner (SRAL): On Homogeneity Pursuit in Modelling Spatial Process Heterogeneity.* Sui Zhang, University of Manchester, Wei Zheng, University of Manchester, Cecilia Wong, University of Manchester
- *Estimating Weighted Spatial Networks: A Propensity Approach for Flows and Self-Loops.* Patricio Aroca, Universidad Nacional Andrés Bello, Coro Chasco, Universidad Autonoma de Madrid
- *A linkage-augmented index of regional economic complexity: evidence from Brazilian states.* Luiz Carlos de Santana Ribeiro, UFS-BRAZIL, Amir Borges Ferreira Neto, Florida Gulf Coast University, Elton Eduardo Freitas, Federal University of Sergipe, Clóvis Freire Júnior, UN Trade and Development

- *Population Ageing and Regional Economic Dynamics in Colombia: An Interregional Input-Output Analysis.* Enrique Gilles, CESA Business School
- *Decomposing spatial dependence: A dual-deep spatial autoregressive model for estimating interactive and contextual effects.* Zhenzhi Jiao, University of Georgia, Xiaobai Yao, University of Georgia, Ran Tao, Wuhan University, Jean-Claude Thill, University of North Carolina - Charlotte, Qian Cao, University of Georgia

Discussants:

- Zhenzhi Jiao, University of Georgia
- Sui Zhang, University of Manchester
- Coro Chasco, Universidad Autonoma de Madrid
- Luiz Carlos de Santana Ribeiro, UFS-BRAZIL
- Enrique Gilles, CESA Business School

11. Regional/Rural Development I: Weiler Award Finalists [Formal Paper Session]
Thursday | 8:00-10:00 | Salon 10

Organizers: Tim Komarek, Colorado State University; Craig Carpenter, Michigan State University;
Chairs: Tim Komarek, Colorado State University; Craig Carpenter, Michigan State University;

- *Social Safety-Net Program Participation and Changes in Local Poverty Rates: An MGWR Examination of the Southern United States.* AMADEO PANYI, Mississippi State University, Brian Whitacre, Oklahoma State University
- *Are Downtown Businesses More Vulnerable to Extreme Heat?.* Andrew Van Leuven, University of Vermont, Aleks Schaefer, Oklahoma State University
- *Green Innovation and Economic Growth: Across Different Stages of Development.* Johannes Fedderke, Pennsylvania State University, Shanshan Fu, Colorado State University

12. Location and Spatial Analysis I [Formal Paper Session]
Thursday | 8:00-10:00 | Salon 3/4

Organizers: Alan Murray, University of California at Santa Barbara; Ran Wei, University of California, Riverside;
Chair: Ran Wei, University of California, Riverside

- *Detecting hub-corridors for transportation networks using spatial optimization framework.* Wanhee Kim, University of Tennessee, Hyun Kim, University of Tennessee
- *The Surrogate Covering Location Model.* Rick Church, UCSB, Daisuke Watanabe, Tokyo Institute of Technology
- *Exact Solution of the Max-p-Regions Problem at Scale.* Ran Wei, University of California, Riverside, Alan Murray, University of California at Santa Barbara

13. NARSC Council Meeting (by invitation only) [Business Meeting]
Thursday | 8:00-10:00 | Salon 9

Organizer: John Sporing, NARSC
Chair: Christa Court, University of Florida

14. Coffee Break [Break]
Thursday | 10:00-10:30 | Liberty D Foyer

44. RSAI Long Range Planning Committee (by invitation only) [Business Meeting]
Friday | 10:30-12:30 | Salon 9

Organizer: Ana Vinuela, University of Oviedo

15. Air Pollution and Greenhouse Gas Emissions [Paper Session]
Thursday | 10:30-12:30 | Freedom E

Chair: Jefferson Pereira, Federal University of Juiz de Fora

- *Spatial Assessment of Greenhouse Gas Emissions Based on Land-Use Types-A Case Study of Yilan.* Shou-Chi Chen, Ming Chuan University, Wen-Yen Lin, Ming Chuan University
- *Land Use Greenhouse Gas Emission Estimation and Air Pollution Spatial Association Analysis.* Wen-Yen Lin, Ming Chuan University, Chi-Tung Hung, Ming Chuan University, Shou-Chi Chen, Ming Chuan University
- *Attitudes towards air pollution in French urban areas, its sources and its impact.* Abdoul Diallo, INRA - Dijon, Julie Fen-Chong, Université Bourgogne Europe, Rachel Guillain, Université Bourgogne, Sophie Legras, INRA - Dijon
- *Economy-wide economic and CO2 emission effects of sustainable aviation fuel mandates: A dynamic CGE analysis for Brazil.* Jefferson Pereira, Federal University of Juiz de Fora, Admir Betarelli, Federal University of Juiz de Fora, Weslem Faria, Federal University of Juiz de Fora

Discussants:

- Jefferson Pereira, Federal University of Juiz de Fora
- Shou-Chi Chen, Ming Chuan University
- Wen-Yen Lin, Ming Chuan University
- Rachel Guillain, Université Bourgogne

16. Building Resilient and Vibrant Rural Communities [Paper Session]
Thursday | 10:30-12:30 | Freedom F

Chair: Emily Wornell, Ball State University

- *Community Satisfaction and the Decision to Stay: Evidence from the Rural and Urban Areas in the U.S..* Zuzana Bednarik, North Central Regional Center for Rural Development

- *Who Funds Rural America? Mapping the Philanthropic Funder Landscape.* Amanda Weinstein, Center on Rural Innovation, Olivia Galloway, Center on Rural Innovation, Brad Fulton, Indiana University, Adam Dewbury, Center on Rural Innovation
- *Leading Indicators of Success in Building Rural Innovation.* Emily Wornell, Ball State University, Amanda Weinstein, Center on Rural Innovation

Discussants:

- Emily Wornell, Ball State University
- Zuzana Bednarik, North Central Regional Center for Rural Development
- Amanda Weinstein, Center on Rural Innovation

17. Carbon Emissions, Production Networks, and Sustainable Transitions [Paper Session]
Thursday | 10:30-12:30 | Freedom G

Chair: J. Matthew Fannin, LSU

- *Carbon Footprint of FDI and Multinational Enterprise Activities: Emission Intensities and Insights for France and the Netherlands.* Joaquim Guilhoto, University of Sao Paulo, François Robin, Banque de France, Oscar Lemmers, Statistics Netherlands, Christophe Guette-Khiter, Banque de France, Leopold Gosset, Banque de France, Kristy Howell, IMF
- *Not Less Carbon, Different Paths: Emission Propagation along Production Chains.* GABRIEL ARCANJO, Federal University of Juiz de Fora, Fernando Salgueiro Perobelli, Federal University of Juiz de Fora, Marcio Henriques, Federal University of Juiz de Fora
- *Spatial Mapping of Sustainable Aviation Fuel Production (SAF): Application at Sites in Northeast Brazil.* Lindomayara França Ferreira, Federal University of Juiz de Fora, JOSE RICARDO DE SANTANA, UFS, BRAZIL
- *Marginal Abatement Costs and Structural Decarbonization of the United States Forest Products Industry.* Jinggang Guo, Louisiana State University, J. Matthew Fannin, LSU, Mumtahinah Zia, Utah State University
- *A Hybrid Input-Output Model for U.S. Aluminum Supply Chain Analysis: Methodology and Scenario Framework.* Mengming Li, National Renewable Energy Laboratory, Liz Wachs, National Laboratory of the Rockies (NLR), Andre Fernandes Tomon Avelino, National Renewable Energy Laboratory, Julien Walzberg, National Laboratory of the Rockies (NLR), Samantha Bench Reese, National Laboratory of the Rockies (NLR), Alberto Franco Solis, National Renewable Energy Laboratory (NREL), Birdie Carpenter, National Laboratory of the Rockies (NLR)

Discussants:

- J. Matthew Fannin, LSU
- Joaquim Guilhoto, University of Sao Paulo
- GABRIEL ARCANJO, Federal University of Juiz de Fora
- Alberto Franco Solis, National Renewable Energy Laboratory (NREL)

- JOSE RICARDO DE SANTANA, UFS, BRAZIL

18. Spatial Labor Markets, Skills, and Economic Outcomes [Paper Session]
Thursday | 10:30-12:30 | Freedom H

Chair: Xiaoyin Li, West Virginia University

- *Employment Is Not the Mirror Image of Unemployment: Evidence from U.S. Labor Market Flows Across Presidential Regimes.* Carsten Ochsen, University of Applied Labour Studies
- *Changes in the Demand for Skills and the Impacts on Local Labor Markets.* David Nason, West Virginia University
- *Effective Distance and Labor Market Spillovers Across U.S. States.* David Osten, Haverford College
- *Hyperinflation Exposure and Labor Market Outcomes: Spatial Earnings Inequality and Long-Term Workforce Risk in Brazil.* RICARDO FREGUGLIA, Federal University of Juiz de Fora, Naercio Menezes Filho, INSPER and USP, Bruno Henrick Neves, Federal University of Juiz de Fora, Bruno Kawaoka Komatsu, INSPER
- *Can Local Labor Market Structure Help Absorb Technological Shocks? Evidence from AI Exposure and Occupational Connectivity.* Xiaoyin Li, West Virginia University, David Nason, West Virginia University, Heather Stephens, West Virginia University

Discussants:

- Xiaoyin Li, West Virginia University
- Carsten Ochsen, University of Applied Labour Studies
- David Nason, West Virginia University
- David Osten, Haverford College
- RICARDO FREGUGLIA, Federal University of Juiz de Fora

19. Regional/Rural Development II: Community Wellbeing [Formal Paper Session]
Thursday | 10:30-12:30 | Salon 10

Organizers: Tim Komarek, Colorado State University; Craig Carpenter, Michigan State University;
Chair: Anja Gruber, University of Wyoming

- *Rural Critical Institutions: A New Longitudinal Dataset for Evaluating Rural Livability.* Tessa Conroy, University of Wisconsin-Madison/Extension, Andrew Van Leuven, University of Vermont
- *The Rise of Autism Care Infrastructure Across the U.S.: A Supply-Side Geography of Service Provision, 1997–2025.* Bobbi S. Padro Van Leuven, Maple Run Unified School District, Veronika Scavacini, University of Vermont, Andrew Van Leuven, University of Vermont
- *Do Mobile Hotspot Lending Programs Change Demand for Public Library Services? Evidence from Rural Oklahoma.* Whoi Cho, South Dakota State University,

Andrew Morgan, South Dakota State University, Brian Whitacre, Oklahoma State University

- *The Geography of Mental Health Care Access in the United States.* Anja Gruber, University of Wyoming, Craig Carpenter, Michigan State University, Anders Van Sandt, Colorado State University, Scott Loveridge, Michigan State University, Cris Meier, Utah State University
- *The priority of community quality of life in the U.S.: A Geographically Weighted Random Forest approach.* Yang Cheng, UW-Madison, Tessa Conroy, University of Wisconsin-Madison/Extension, Steve Deller, University of Wisconsin - Madison

Discussants:

- Anja Gruber, University of Wyoming
- Yang Cheng, UW-Madison
- Veronika Scavacini, University of Vermont
- Brian Whitacre, Oklahoma State University
- Tessa Conroy, University of Wisconsin-Madison/Extension

20. Location and Spatial Analysis II [Formal Paper Session]
Thursday | 10:30-12:30 | Salon 3/4

Organizers: Alan Murray, University of California at Santa Barbara; Ran Wei, University of California, Riverside;
Chair: Hyun Kim, University of Tennessee

- *Microhub Location Modeling under Disruptions.* Usman Ahmed, University of Tennessee Knoxville, Galen Flanagan, UT-Oak Ridge Innovation Institute, Hesam Rashidi, IT Curves, Inc.
- *The Neighborhood Signal in Charter School Geography: Identifying Salient Features with Classification Trees.* Dylan Skrah, San Diego State University & University of California Santa Barbara, Sergio Rey, San Diego State University
- *Beyond the Majority Theorem: Directional Dominance and Facility Fixing for the Planar p-Median Problem.* Xin (Selena) Feng, The University of Oklahoma
- *Supporting regional hazard resilience.* Alan Murray, University of California at Santa Barbara

21. Regional Economic Effects of Disasters 1 [Formal Paper Session]
Thursday | 14:00-16:00 | Freedom E

Organizers: Yasuhide Okuyama, University of Kitakyushu; Adam Rose, USC;
Chair: Adam Rose, USC

- *When Recovery Becomes Infeasible: A Markov Model of Housing Abandonment Risk in Flood-Prone Areas.* Riccardo Negri, New York University, Susu Xu, Johns Hopkins University, Cristina Dragomir, New York University, Ines Figueira, New York University, Maurizio Porfiri, New York University, Luis Ceferino, University of California - Berkeley

- *Economic Impact Analysis of Natural Disasters: Current Achievements and Future Frontiers in Economic Resilience.* Hirokazu Tatano, Kyoto University
- *Collaborative Study of Post-Conflict Reconstruction and Expansion of a Transportation Logistics System in Iraq.* Adam Rose, USC, Kieran Donaghy, Cornell University
- *Natural Disaster Disruption and Recovery: A Spatial Analysis with Remote Sensing and Cell-Phone Data.* Mustahsin Aziz, WVU

Discussants:

- Hirokazu Tatano, Kyoto University
- Adam Rose, USC
- Mustahsin Aziz, WVU
- Riccardo Negri, New York University

22. The Handbook of Modern Economic Geography - The Regional Science Academy [Panel]
Thursday | 14:00-16:00 | Freedom F

Organizers: Peter Nijkamp, Open University of the Netherlands; Karima Kourtit, Open University of The Netherlands, Neil Reid, University of Toledo;
Moderator: Karima Kourtit, Open University of the Netherlands

Presentations:

- *Reflections on Modern Economic Geography*, Ron Boschma, Utrecht University
- *The Handbook of Modern Economic Geography*, Neil Reid, University of Toledo

Panelists:

- Kingsley Haynes, George Mason University
- Andrea Caragliu, Politecnico di Milano
- Isabelle Nilsson, Cleveland State University
- Peter Nijkamp, Open University of the Netherlands

23. Climate Change, Vulnerability, and Urban Resilience [Paper Session]
Thursday | 14:00-16:00 | Freedom G

Chair: Aysun AYGÜN OĞUR, Pamukkale University

- *Urban Mobility and Climate Justice: A Case Study of the Twin Cities.* Monica Haddad, Iowa State University, Rihana Parvin Nipa, Iowa State University
- *Climate Events and Academic Performance: Evidence from Brazil.* Juliano da Silva, Federal University of Juiz de Fora, Flavia Chein, Federal University of Juiz de Fora
- *Structural Failure in New York City's Climate-Exposed Housing Market.* Yehuda Klein, Brooklyn College, HILDEGAARD LINK P.E. PHD, Brooklyn College

- *Regional Tourism Adaptation to Climate Change: A GIS-Based Multi-Criteria Assessment*. Aysun AYGÜN OĞUR, Pamukkale University, Aysun Aygun Ogur, University of Florida

Discussants:

- Aysun AYGÜN OĞUR, Pamukkale University
- Monica Haddad, Iowa State University
- Flavia Chein, Federal University of Juiz de Fora
- Yehuda Klein, Brooklyn College

24. Food Security, Agricultural Change, and Household Economic Behavior [Paper Session]
Thursday | 14:00-16:00 | Freedom H

Chair: Saman Bandara, West Virginia State University

- *Food Insecurity and Socioeconomic Vulnerability in Central Appalachia: Evidence from County Level Data*. Saman Bandara, West Virginia State University
- *Are U.S. Farmers Still Quitting Farming for the Same Reasons?*. Daniel Centuriao, Penn State University, Stephan Goetz, Pennsylvania State University, Zheng Tian, Pennsylvania State University
- *Small area estimation of tobacco consumption with microdata*. Brennan Stout, University of Texas at Dallas, Michael Tiefelsdorf, University of Texas - Dallas
- *Consumption Adjustment to Subsidy Shocks: Food–Nonfood Reallocation and Energy-Related Heterogeneity in Household Responses*. Francis Isionu Anagah, New Mexico State University, Sandra .N. Amoh, New Mexico State University, Samuel Esheya Esheya, National Open University of Nigeria, Kaduna Campus, Kaduna State, Nigeria.
- *Do Seasonal Foreign Workers Increase Farm Income? The Case of the Korean Agriculture*. Kisuk Chun, Korea University, Tae-Hwa Kim, Kongju National University

Discussants:

- Kisuk Chun, Korea University
- Saman Bandara, West Virginia State University
- Daniel Centuriao, Penn State University
- Brennan Stout, University of Texas at Dallas
- Francis Isionu Anagah, New Mexico State University

25. Regional/Rural Development III: Finance and Firms [Formal Paper Session]
Thursday | 14:00-16:00 | Salon 10

Organizers: Tim Komarek, Colorado State University; Craig Carpenter, Michigan State University;
Chair: Andrew Van Leuven, University of Vermont

- *Endogenous Supply Chain Shocks and the Food Service Sector: Are "Mom & Pop" Restaurants More Resilient?*. Griffin Brown, University of Vermont, Andrew Van Leuven, University of Vermont, Keenan Marchesi, Datassential
- *Loan Guarantees and Business Performance: Evidence from USDA's Business &Industry Loan Guarantees Program*. Anil Rupasingha, USDA-ERS, James Davis, Economic Research Service, Robert Dinterman, USDA
- *Bank Mergers, Mortgage Rates, and the Urban-Rural Interest Rate Differential in the United States*. Dusan Paredes, Universidad Catolica del Norte, Scott Loveridge, Michigan State University, Mark Skidmore, Michigan State University
- *Who Benefits from Residential Place-Based Tax Incentives? Evidence from Detroit's Neighborhood Enterprise Zone Homestead Program*. Tim Komarek, Colorado State University

Discussants:

- Tim Komarek, Colorado State University
- Andrew Van Leuven, University of Vermont
- Anil Rupasingha, USDA-ERS
- Scott Loveridge, Michigan State University

26. Location and Spatial Analysis III [Formal Paper Session]
Thursday | 14:00-16:00 | Salon 3/4

Organizers: Alan Murray, University of California at Santa Barbara; Ran Wei, University of California, Riverside;
Chair: Xin (Selena) Feng, The University of Oklahoma

- *Spatially Uncertain Public Health Hotspots*. Sofia Kaloper, University of California, Santa Barbara, Alan Murray, University of California at Santa Barbara, Stuart Sweeney, University of California - Santa Barbara, Pamina Gorbach, University of California - Los Angeles, Susan Cassels, University of California - Santa Barbara
- *Identifying Spatial Vulnerabilities in Dental Healthcare Access: An Enhanced Anti Covering Optimization Approach*. Hyun Kim, University of Tennessee, Emmanuel Afriyie, University of Tennessee
- *Enhancing EMS Response in Rural Regions*. Alan Murray, University of California at Santa Barbara, Thelonious Funk, UC Santa Barbara Geography

27. SRSA Business Meeting (by invitation only) [Business Meeting]
Thursday | 14:00-16:00 | Salon 9
Organizer: Caleb Stair, University of Florida
Chair: Caleb Stair, University of Florida

28. Coffee Break [Break]
Thursday | 16:00-16:30 | Liberty D Foyer

29. Climate Shocks, Agricultural Trade, and Food System Resilience [Paper Session]
Thursday | 16:30-18:30 | Freedom G

Chair: Michael Lahr, Rutgers University

- *When Climate Shocks Become Synchronized: Food-Market Adjustment through Trade Networks*. Ruiyi Yang, The University of Hong Kong
- *Weather Shocks and Price Dynamics in Crop Trade*. Linlin Fan, Pennsylvania State University, Yilan Xu, University of Illinois at Urbana-Champaign, Kathy Baylis, University of California - Santa Barbara, Xialing Zhao, Penn State, Thomas Heckelei, University of Bonn, An Cao, University of Bonn
- *Impact of Climate Change on U.S. Agricultural Trade and Food Manufacturing*. Hyungsun Yim, University of Illinois at Urbana-Champaign, Sandy Dall Erba, University of Illinois
- *Interregional Trade Estimation for Space Cadets*. Michael Lahr, Rutgers University

Discussants:

- Michael Lahr, Rutgers University
- Ruiyi Yang, The University of Hong Kong
- Xialing Zhao, Penn State
- Hyungsun Yim, University of Illinois at Urbana-Champaign

30. Foundations and Measurement Challenges in Regional Science [Paper Session]
Thursday | 16:30-18:30 | Freedom H

Chair: Nadege Ngomsi, University of Missouri-Kansas City

- *A Challenge to Regional Science: On April 1, 2031 when First Local Count Data is available, will the OMB Need for "a territorially exhaustive classification" Been Met?*. Thomas Christoffel, Regional Intelligence-Regional Communities, LLC
- *Vacancy Measurement and the Decomposition of Matching Efficiency: Evidence from U.S. States*. Elinor Hunt, University of Maine, Andrew Crawley, University of Maine
- *Seeing Through the Noise: Measuring Minority Business Ownership from Imperfect Data*. Jamaal Green, University of Pennsylvania, Kerry Fang, the University of Illinois at Urbana-Champaign, Zhenpeng Zhang, University of Illinois Urbana-Champaign
- *Counting What's Hidden: A New Framework for Measuring Income and Wealth Concentration in the United States*. Nadege Ngomsi, University of Missouri-Kansas City

Discussants:

- Nadege Ngomsi, University of Missouri-Kansas City
- Thomas Christoffel, Regional Intelligence-Regional Communities, LLC
- Andrew Crawley, University of Maine

- Jamaal Green, University of Pennsylvania

31. Regional Resilience and Recovery from Disasters, Pandemics, and Economic Shocks [Paper Session]
Thursday | 16:30-18:30 | Salon 3/4

Chair: Marcos Sanso-Navarro, Universidad de Zaragoza

- *Measuring Short-term Economic Resilience to Disasters with Limited Data.* Seong Yun, Mississippi State University, Ayoung Kim, Mississippi State University
- *Post-disaster resilience of peripheral areas: The importance of amenities and social capital.* Kakuya Matsushima, Kyoto University, Hans Westlund, KTH Royal Institute of Technology, Mamoru Yoshida, Nagasaki University
- *Taming the Pandemic City: Industrial Resilience and Post-COVID Urban China's Recovery*. Chi-Tung Hung, Ming Chuan University, Shih-Chien Lin, MING CHUAN UNIVERSITY
- *On the heterogeneity of regional fiscal multipliers in Spain, 1980–2019*. Iván Medrano-Escalada, Universidad de Zaragoza, Marcos Sanso-Navarro, Universidad de Zaragoza
- *Regional Resilience of R&D Intensity Following the COVID-19 Shock: A Machine Learning Counterfactual Analysis of the Top 100 U.S. MSAs.* Utkarsha Dahal, University of Southern Mississippi

Discussants:

- Utkarsha Dahal, University of Southern Mississippi
- Seong Yun, Mississippi State University
- Kakuya Matsushima, Kyoto University
- Chi-Tung Hung, Ming Chuan University
- Marcos Sanso-Navarro, Universidad de Zaragoza

32. Environmental Policy, Sustainable Behavior, and Energy Transitions [Paper Session]
Thursday | 16:30-18:30 | Salon 9

Chair: Richard Funderburg, University of Illinois Springfield

- *Beyond the Visual Nudge: The Limits of Threat and Efficacy Messaging in Recycling Habit Change.* Matthew Yoon, Choate Rosemary Hall, Jiyoung Park, University at Buffalo
- *The Economic Impact of Single-Use Plastic(SUP) Bans on Local Businesses.* Francis Isionu Anagah, New Mexico State University, Lawrence Laplue, New Mexico State University
- *Sun, Sand, and Spillovers: Solar PV Expansion and Dust Suppression in China.* Xilun Yu, University of Illinois - Urbana Champaign, Yilan Xu, University of Illinois at Urbana-Champaign
- *Response of Low-Income Household Energy Demand in Illinois to Energy Price Shocks.* Richard Funderburg, University of Illinois Springfield, Enoch Boateng,

University of Illinois Springfield, David Wortman, Illinois Department of Commerce & Economic Opportunity

Discussants:

- Richard Funderburg, University of Illinois Springfield
- Matthew Yoon, Choate Rosemary Hall
- Francis Isionu Anagah, New Mexico State University
- Xilun Yu, University of Illinois - Urbana Champaign

33. Regional Economic Effects of Disasters 2 [Formal Paper Session]
Thursday | 16:30-18:30 | Freedom E

Organizers: Yasuhide Okuyama, University of Kitakyushu; Adam Rose, USC;
Chair: Adam Rose, USC

- *Optimal investment in disaster risk reduction under heterogeneous disaster uncertainty*. Tomoki Ishikura, Tokyo Metropolitan University, Muneta Yokomatsu, International Institute for Applied Systems Analysis
- *The True Cost of Disasters: Measuring Urban Utility and Resilience in Post-Katrina New Orleans*. Mun Sung Koh, University at Buffalo, Jiyoung Park, SUNY - Buffalo
- *Regional Development under Compound Disasters: Comparative Evidence from Sichuan, China*. CHUN FANG LIU, Ming Chuan University, Chi-Tung Hung, Ming Chuan University

Discussants:

- Jiyoung Park, University at Buffalo
- CHUN FANG LIU, Ming Chuan University
- Tomoki Ishikura, Tokyo Metropolitan University

34. Regional/Rural Development IV: Labor Markets, Safety Nets, and Local Adjustment [Formal Paper Session]
Thursday | 16:30-18:30 | Salon 10

Organizers: Tim Komarek, Colorado State University; Craig Carpenter, Michigan State University;
Chair: Craig Carpenter, Michigan State University

- *SNAP Work Requirements in Rural Areas*. Thomas Keene, University of Kentucky, Craig Carpenter, Michigan State University
- *Entry Dynamics and Demand-Side Subsidies: Evaluating the Impact of SNAP ABAWD Waivers on Retailer Entry*. Alejandro Herrera-Caicedo, University of Wisconsin - Madison, Inder Majumdar, University of Wisconsin - Madison
- *Two pluriactivities, one blind spot: Scale, coverage, and the geography of multiple jobholding in the United States*. Michael Lotspeich, University of Illinois - Urbana-Champaign, Craig Carpenter, Michigan State University

- *Reductions in Government Spending and Impacts on Military Recruitment*. Kristopher Deming, United States Air Force Academy

Discussants:

- Craig Carpenter, Michigan State University
- Kristopher Deming, United States Air Force Academy
- Inder Majumdar, University of Wisconsin - Madison
- Thomas Keene, University of Kentucky

35. Great Minds in Regional Science [Special Session]
Thursday | 16:30-18:30 | Freedom F

Organizers: Peter Batey, University of Liverpool; Karima Kourtit, Open University of The Netherlands,; Peter Nijkamp, Open University of the Netherlands;
Chair: Peter Nijkamp, Open University of the Netherlands

- *Charles Booth (1840-1916: Possessing the use of Scientific Social Surveys to Influence Social Policy*.
- *Geoffrey Hewings (1943-) Advancing Our Understanding of Regions as Interconnected and Evolving Systems.*

36. NARSC Presidential Address [Plenary]
Thursday | 18:45-19:45 | Liberty D

Chair: David Plane, University of Arizona

- *Can Big Cities Survive the Next Onslaught?*. Janet Kohlhase, University of Houston

37. NARSC Welcome Reception [Reception]
Thursday | 20:00-21:00 | Liberty D Foyer

Friday, November 13

38. Data, Measurement, and Decision-Making in Regional Analysis [Paper Session]
Friday | 8:00-10:00 | Freedom F

Chair: Michael Lahr, Rutgers University

- *A Unified Framework for Integrating Multidisciplinary Data and Model Estimates into a Decision-Support System for Drought Management*. Haoying Wang, New Mexico Tech, Soumi Chandra, New Mexico Institute of Mining and Technology
- *Fertility Decline across America: Evidence from Restricted-Access Data*. Luyi Han, Penn State University, John Winters, Iowa State University
- *Behavioral Predictors of Academic Performance: Interpretable Neural Network Models of GPA Using Large-Scale Survey Data*. Fernando Plascencia, Cornell University, Willy Walter Cortez Yactayo, University of Guadalajara
- *Mapping the Italian Space Economy*. Chiara F. Del Bo, Università degli Studi di Milano
- *RPC Space-Time Expansions with U.S. Examples: State and FAF-Zone Geographies*. Michael Lahr, Rutgers University

Discussants:

- Michael Lahr, Rutgers University
- Haoying Wang, New Mexico Tech
- John Winters, Iowa State University
- Fernando Plascencia, Cornell University
- Chiara F. Del Bo, Università degli Studi di Milano

39. Transportation Connectivity, Infrastructure, and Regional Development [Paper Session]
Friday | 8:00-10:00 | Freedom G

Chair: Katie Asmussen, University of Tennessee

- *Transportation Infrastructures and Injury Severity of Senior Road Users Related to Motor Vehicle Crash: A Motor Vehicle Data Linkage (MVDL) Analysis on Injury Levels of Senior Pedestrians and Cyclists.*. Seunghoon Oh, University of Illinois Springfield
- *A Regional Cargo Cycle Readiness Framework for Beyond the Urban Core*. Katie Asmussen, University of Tennessee, Samantha Haus, University of Tennessee, Jin Wook Ro, Oak Ridge National Laboratory, Usman Ahmed, University of Tennessee Knoxville
- *Dynamic Impacts of Non-Extreme Rainfall on On-road Traffic in Hong Kong*. Chenghao Deng, University of Hong Kong, Kyung-Min Nam, The University of Hong Kong

Discussants:

- Kyung-Min Nam, The University of Hong Kong
- Seunghoon Oh, University of Illinois Springfield
- Katie Asmussen, University of Tennessee

40. Housing I: Housing Market Frictions, Supply Constraints, and Residential Mobility [Paper Session]
Friday | 8:00-10:00 | Freedom H

Chair: Shengrong Hu, Iowa State

- *Shelter from the Storm? College Housing Prices, Local Rents, and Rural Students, 2009–2024*. Shengrong Hu, University of Idaho, Nadeeka Weerasekara, University of Idaho, Krista Soria, University of Idaho, Paul Lewin, University of Idaho
- *Forecasting Urban Growth at Neighborhood Scale: An Integrated Spatial-Economic Model for U.S. Census Tracts*. Csaba Pogonyi, Oxford Economics

Discussants:

- Csaba Pogonyi, Oxford Economics
- Shengrong Hu, University of Idaho

41. SPECIAL LARSA SESSION ON LATIN AMERICA [Formal Paper Session]
Friday | 8:00-10:00 | Freedom E

Organizer: Jaime Bonet, Banco de la Republica
Chair: Jaime Bonet, Banco de la Republica

- *Economic Impact Assessment of the South American Integration Routes*. Eduardo Haddad, University of Sao Paulo, Inácio Araújo, University of São Paulo, Brazil, Wallace Souza, Federal university of Paraíba
- *Crime and its impact on the productivity of MSMEs in Ecuador*. Carolina Guevara, Escuela Politécnica Nacional, Elena Simbaña, Escuela Politécnica Nacional, Miguel Flores, Tecnológico de Monterrey
- *Fiscal Policy in Latin America, 2000-2022*. Jaime Bonet, Banco de la Republica, Javier Perez-Valbuena, Banco de la Republica, Diana Ricciulli, Banco de la Republica, Giselle Barrios, Banco de la Republica
- *Snow in the Tropics: Subnational Modeling of the Cocaine Supply Chain in Colombia*. Enrique Gilles, CESA Business School, Jaime Vallecilla, Consultant
- *Political Institutions and the Fiscal Transmission of Resource Windfall*. Mauricio Oyarzo, Universidad de Concepción, Dusan Paredes, Universidad Catolica del Norte

Panelists:

- Jaime Bonet, Banco de la Republica
- Eduardo Haddad, University of Sao Paulo
- Carolina Guevara, Escuela Politécnica Nacional

- Enrique Gilles, CESA Business School
- Mauricio Oyarzo, Universidad de Concepción

Discussants:

- Mauricio Oyarzo, Universidad de Concepción
- Jaime Bonet, Banco de la Republica
- Eduardo Haddad, University of Sao Paulo
- Carolina Guevara, Escuela Politécnica Nacional
- Enrique Gilles, CESA Business School

42. Regional/Rural Development V: Environment, Climate and Infrastructure [Formal Paper Session]
Friday | 8:00-10:00 | Salon 10

Organizers: Tim Komarek, Colorado State University; Craig Carpenter, Michigan State University;
Chair: Craig Carpenter, Michigan State University

- *Persistence in Chinese Climate Policy Uncertainty*. Marc Gronwald, Xi'an Jiaotong-Liverpool University, Xin Jin, Duke Kunshan University, Sania Wadud, University of Leeds
- *The Effect of EV Charging Stations on Local Businesses*. Craig Carpenter, Michigan State University, Andrew Van Leuven, University of Vermont
- *Local Government Fragmentation and Weather-Caused Blackout Duration*. Erin Kenney, University of Wisconsin-Madison
- *Homeowners Insurance Affordability and Community Resilience: A Delphi Study of Oklahoma Households*. Mckenzie Boyce, Oklahoma State University, Amy Hagerman, Oklahoma State University
- *Greener on the Track, Dirtier by the Plant: The Air Pollution Cost of High-Speed Rail*. Fengqi Liu, University of Illinois Urbana-Champaign, Yilan Xu, University of Illinois at Urbana-Champaign
- *Rural housing values and natural amenities: A spatial analysis*. Elizabeth Dobis, USDA Economic Research Service, Laura Paul, ERS/USDA, Justin Winikoff, USDA Economic Research Service

Discussants:

- Craig Carpenter, Michigan State University
- Sania Wadud, University of Leeds
- Fengqi Liu, University of Illinois Urbana-Champaign
- Erin Kenney, University of Wisconsin-Madison
- Elizabeth Dobis, USDA Economic Research Service
- Mckenzie Boyce, Oklahoma State University

43. Graduate-Student-Author Paper Competition [Special Session]
Friday | 8:00-10:00 | Salon 3/4

Organizers: Christa Court, University of Florida; Mckenzie Boyce, University of Wisconsin - Madison;
Chair: Christa Court, University of Florida

- *The Role of Access to Community Bank Capital in Place-Based Policies.* Alexander Ryan, Ohio State University
- *Optimal Congestion Taxation under Shifts in Travel Demand.* Victor Bernal Pavas, University of Houston
- *Paving the Path to Safety: Rural Roads and Intimate Partner Violence in India.* Aakriti Saraswat, Fordham University
- *How Many Units Are Needed? A Unified Framework for Measuring Housing Shortages.* Seongmoon Cho, University of Southern California

Discussants:

- Saman Bandara, West Virginia State University
- Miquel-Angel Garcia-Lopez, Universitat Autonoma de Barcelona
- Yadira Gomez-Hernandez, University of Bath
- Rachel Guillain, Université Bourgogne

45. Coffee Break [Break]
Friday | 10:00-10:30 | Liberty D Foyer

46. Health and Healthcare I: Healthcare Access, Transportation, and Regional Connectivity [Paper Session]
Friday | 10:30-12:30 | Freedom F

Chair: Mardee Sadowsky, Oklahoma State University

- *Telehealth Access and Licensing Reform: Evidence from Interstate Telehealth Registration in West Virginia.* Caroline Welter, Skidmore College, Heather Stephens, West Virginia University
- *Highways to Health: Does BR-364 Enhance Access to Healthcare in Acre?.* Angélica Escovedo, Federal University of Juiz de Fora, Flavia Chein, Federal University of Juiz de Fora, Igor Procópio, Federal University of Juiz de Fora
- *Congestion Pricing and Emergency Medical Response Time: Evidence from New York City.* Aiden Powell, West Virginia University
- *Importers and Exporters of Birth: A Gravity Model of Labor and Delivery Access in Oklahoma.* Mardee Sadowsky, Oklahoma State University, Dayton Lambert, Oklahoma State University, Mckenzie Boyce, University of Wisconsin - Madison

Discussants:

- Mardee Sadowsky, Oklahoma State University
- Caroline Welter, Skidmore College
- Flavia Chein, Federal University of Juiz de Fora
- Aiden Powell, West Virginia University

47. Population Dynamics, Health, and Regional Development [Paper Session]
Friday | 10:30-12:30 | Freedom G

Chair: Ephraim Nkonya, USDA

- *Internal Migration, Labor Supply, and Regional Economic Resilience in Mexico: Spatial Dynamics and Growth, 1990–2020.* Rafael Garduno Rivera, Universidad de Navarra, Neil Reid, University of Toledo, Haoying Wang, New Mexico Tech
- *Subnational natural decrease across New Zealand territorial authorities and local boards, 1998-2043.* Michael Cameron, University of Waikato
- *Predictors of Child Obesity in Mexico.* Fernando Plascencia, Cornell University, Willy Walter Cortez Yactayo, University of Guadalajara
- *Birthrate trends, patterns and drivers in US metro and nonmetro counties.* Ephraim Nkonya, USDA

Discussants:

- Fernando Plascencia, Cornell University
- Ephraim Nkonya, USDA
- Michael Cameron, University of Waikato
- Rafael Garduno Rivera, Universidad de Navarra

48. Housing II: Rental Housing Markets, Affordability, and Regulation [Paper Session]
Friday | 10:30-12:30 | Freedom H

Chair: Joshua Mask, Temple University

- *Do Better Apartments Lease Faster? Daylight, View, Privacy, and Rental Market Performance.* Jaeha Jaeha, Cornell University, Colton Gilliland, Cornell University, Timur Dogan, Cornell University
- *Exogenous shocks, rent control, and spatial spillovers.* Nicholas Irwin, University of Nevada - Las Vegas, Mitchell Livy, California State University, Fullerton
- *The Impact of Regulations on Short-Term Rentals in the Basque Country.* Yanogah Jules KONE, Université de Corse Pasquale Paoli
- *Housing Credit Cycles and Entrant Earnings.* Joshua Mask, Temple University

Discussants:

- Joshua Mask, Temple University
- Jaeha Jaeha, Cornell University
- Mitchell Livy, California State University, Fullerton
- Yanogah Jules KONE, Université de Corse Pasquale Paoli

49. Outreach in Regional Science: Data Centers [Formal Paper Session]
Friday | 10:30-12:30 | Freedom E

Organizers: Mckenzie Boyce, Oklahoma State University; Heather Stephens, West

Virginia University; John Winters, Iowa State University;
Chair: Heather Stephens, West Virginia University

- *Does Data Center Construction Boost Local Tax Revenue?*. Mckenzie Boyce, Oklahoma State University, Brian Whitacre, Oklahoma State University
- *A Comparison of DiD, Bartik-IV and SCM estimates of labor market effects of Data Centers.* Michael Hicks, Ball State University, Dagney Faulk, Ball State University
- *Local Labor Market Effects of Hyperscale Data Centers: Evidence from Synthetic Control Methods.* Zheng Tian, Pennsylvania State University, Zhen Lei, Pennsylvania State University, Zhongyang He, Pennsylvania State University, Yuan Zhuang, Pennsylvania State University, Stephan Goetz, Pennsylvania State University
- *Powering the Digital Economy: State-Level Energy Impacts and Electricity Demand Projections of Data Centers.* Joao-Pedro Ferreira, University of Virginia

Discussants:

- Zheng Tian, Pennsylvania State University
- Joao-Pedro Ferreira, University of Virginia
- Mckenzie Boyce, Oklahoma State University
- Brian Whitacre, Oklahoma State University

50. NERSA Summer Series Paper Discussion [Formal Paper Session]
Friday | 10:30-12:30 | Salon 10

Organizer: Keith Waters, GMU
Chair: Ting Zhang, University of Baltimore

- *Mapping Intent to Outcome: Opportunity-Area Prioritization and LIHTC Siting Patterns in Ohio, 2016–2024.* Dustin Major, Cleveland State University
- *Does CRA-targeted Mortgage Lending Reach Rural Communities - And at What Price?* Richard Acquah-Sarpong, University of Idaho, Boise campus. Shengrong Hu, Western Rural Development Center
- *In Search of NOAH: Identifying Naturally Occurring Affordable Housing Across the Rural Midwest with ACS PUMS Data.* Harun Celik, Iowa State University
- *Changing Neighborhood Trajectories after COVID-19: Socioeconomic Sorting across 100 U.S. Metropolitan Areas.* Hyunjoo Eom, University of Incheon, Shaoting Wen, University of Pennsylvania

Discussants:

- Richard Acquah-Sarpong, University of Idaho
- Harun Celik, Iowa State University
- Shaoting Wen, University of Pennsylvania
- Dustin Major, Cleveland State University

51. Graduate-Student-Led Paper Competition [Special Session]
Friday | 10:30-12:30 | Salon 3/4

Organizers: Claudia Montania, University of Illinois - Urbana-Champaign; Daniel Centuriao, Penn State University;
Chairs: Claudia Montania, University of Illinois - Urbana-Champaign; Daniel Centuriao, Penn State University;

- *Toward Edgeless Cities: A dynamic ternary framework revealing the dominance of U.S. urban dispersal, 2000-2015.* Mun Sung Koh, University at Buffalo, Jongmin Shim, Universty at Buffalo, Jiyoung Park, University at Buffalo
- *Zombie Second Mortgages and Housing Market Mobility.* Pabel Ortiz, Catholic University of the North, Scott Loveridge, Michigan State University, Dusan Paredes, Universidad Catolica del Norte, Mark Skidmore, Michigan State University
- *Spatial Spillovers of Airport Connectivity on Regional Economic Activity in Africa.* Yilin Zhang, University of British Columbia, Tommy Cheung, Swinburne University of Technology, Anming Zhang, University of British Columbia

Discussants:

- Andrea Caragliu, Politecnico di Milano
- Elham Erfanian, Black Hills State University
- Tessa Conroy, University of Wisconsin-Madison/Extension

52. RSAI Council Meeting (by invitation only) [Business Meeting]
Friday | 10:30-12:30 | Salon 9

Organizer: Ana Vinuela, University of Oviedo
Chair: Hiroyuki Shibusawa, Toyohashi University of Technology

53. NARSC Awards Luncheon [Lunch]
Friday | 12:45-14:45 | Liberty D

54. French Speaking Session in Regional Science [Paper Session]
Friday | 15:00-17:00 | Freedom E

Chair: MOHAMMED ACHEKOUD, Institute of Applied Economic Research

- *L'intermédiation territoriale : une capacité collective au service des transitions vers l'économie circulaire.* Fabien Nadou, EM Normandie Business School
- *The political acceptance of renewable energies. What drives the mayors' choices?.* Sebastien Bourdin, IESEG School of Management
- *Les Groupements Sanitaires Territoriaux au Maroc : une réforme de la gouvernance au service de l'équité territoriale en santé.* MOHAMMED ACHEKOUD, Institute of Applied Economic Research, Abdelmajid Saidi, Institute of Applied Economic Research

Discussants:

- MOHAMMED ACHEKOUD, Institute of Applied Economic Research
- Fabien Nadou, EM Normandie Business School
- Sebastien Bourdin, IESEG School of Management

55. Health and Healthcare II: Health Equity, Food Security, and Access to Care [Paper Session]
Friday | 15:00-17:00 | Freedom F

Chair: Lauren Benavidez-Brouk, Purdue University

- *Affecting the gap: The relationship between changing healthcare availability and the growing rural mortality gap.* Elizabeth Dobis, USDA Economic Research Service
- *International Healthcare Workers and Health Professional Shortage Areas: Spatial Targeting Efficiency and Structural Workforce Dependency in the North-Central United States.* Thomas Craig, South Dakota State University, Xiaozhou Ding, South Dakota State University, Yaxiang Song, Creighton University
- *SNAP Purchasing Power under Pressure: Uneven Food Inflation and Health Outcomes.* Mohan Liu, Pennsylvania State University, Linlin Fan, Pennsylvania State University, Qingxiao Li, Louisiana State University, Luyi Han, Penn State University
- *Distributional and environmental implications of dietary transitions in a developing economy: The case of Nicaragua.* Lauren Benavidez-Brouk, Purdue University, Maksym Chepeliev, Purdue University, Dominique van der Mensbrugghe, Purdue University

Discussants:

- Lauren Benavidez-Brouk, Purdue University
- Elizabeth Dobis, USDA Economic Research Service
- Xiaozhou Ding, South Dakota State University
- Mohan Liu, Pennsylvania State University

56. Regional Innovation Systems and Knowledge Networks [Paper Session]
Friday | 15:00-17:00 | Freedom G

Chair: Lu Hao, The University of Hong Kong

- *When does FDI foster regional innovation? Sectoral technological regimes and local development in Brazil.* Renato Garcia, University of Campinas, Veneziano Araujo, Federal University of Sao Paulo - Brazil, Suelene Mascarini, Federal University of Sao Paulo, Sarah Ferreira, Université Côte d'Azur
- *Building Europe's Defense Innovation Network? Regional Collaboration in the European Defense Fund.* Filippo Berti Mecocci, University of Parma, Jacopo Canello, University of Parma, Gianluca Capone Capone, University of Parma
- *Validating Small Area Innovation Rate Estimates with an Application to the SBIR Program.* Zheng Tian, Pennsylvania State University, Timothy Wojan, Massive Data Institute, Stephan Goetz, Pennsylvania State University

- *Branching Through Academia: university innovation contribution to technological diversification in Chinese cities.* Lu Hao, The University of Hong Kong, Xiaohu Zhang, University of Hong Kong, Peng Gong, University of Hong Kong

Discussants:

- Lu Hao, The University of Hong Kong
- Veneziano Araujo, Federal University of Sao Paulo - Brazil
- Filippo Berti Mecocci, University of Parma
- Zheng Tian, Pennsylvania State University

57. Housing III: Housing Prices, Market Signals, and Household Well-Being [Paper Session]
Friday | 15:00-17:00 | Freedom H

Chair: Shaoming Cheng, Florida International University

- *A Tapered-Attention Model of Housing Price Prediction.* Tony Smith, University of Pennsylvania, Jacob Dearmon, Oklahoma City University
- *Listing Language and Housing Appreciation: A Repeat Sales Analysis.* Isabelle Nilsson, Cleveland State University, Elizabeth Delmelle, University of Pennsylvania
- *Estimating the capitalization of exposure to harmful algal blooms in property prices in Southwest Florida.* Roberto Koeneke, University of Florida, Christa Court, University of Florida, Weizhe Weng, University of Florida, Xinde "James" Ji, University of Florida
- *Housing Cost Burden as a Chronic Exposure in Population Health.* Shaoming Cheng, Florida International University

Discussants:

- Shaoming Cheng, Florida International University
- Jacob Dearmon, Oklahoma City University
- Isabelle Nilsson, Cleveland State University
- Roberto Koeneke, University of Florida

58. Infrastructure and Finance for the Energy Transition [Paper Session]
Friday | 15:00-17:00 | Salon 10

Chair: Yuan Zhuang, Pennsylvania State University

- *Equity-Oriented Spatial Optimization of Electric Vehicle Charging Infrastructure: A Scenario-Based Approach for Greater London.* Yuyue Xia, University College London, Changwha Oh, University College London, Chen Zhong, University College London
- *Charging Deserts, Route Choice, and the Electrification of Interstate Trade.* Taejun Mo, University of Illinois - Urbana-Champaign, Dohyeong Choi, University of

Illinois - Urbana-Champaign, Yilan Xu, University of Illinois at Urbana-Champaign, William Ridley, University of Illinois - Urbana-Champaign
- *Data Center Entries and Residential Electricity Rates: How Did Public Utility Districts Adjust?*. Yuan Zhuang, Pennsylvania State University, Zhen Lei, Pennsylvania State University, Zheng Tian, Pennsylvania State University, Zhongyang He, Pennsylvania State University, Stephan Goetz, Pennsylvania State University
- *Green Signals and Borrowing Costs: Evidence from U.S. Transportation Infrastructure Bonds.*

Discussants:

- Muhammet Sever, George Mason University
- Changwha Oh, University College London
- Yilan Xu, University of Illinois at Urbana-Champaign
- Yuan Zhuang, Pennsylvania State University

59. Remote Work and the Reshaping of Urban and Regional Economies [Paper Session]
Friday | 15:00-17:00 | Salon 3/4

Chair: Miquel-Angel Garcia-Lopez, Universitat Autonoma de Barcelona

- *Remote Work and Real Estate Prices: A Tale of Two Markets*. Lucas Ladenburger, Duquesne University
- *Broadband and Work-from-Home: Evidence from Confidential ACS Data.* Luyi Han, Penn State University, John Winters, Iowa State University, Brian Whitacre, Oklahoma State University
- *Casting shadows: How work from home rescales cities across the urban system.* Steven Bond-Smith, University of Hawai'i at Mānoa, Hadi Arbabi, University of Sheffield, Ming-Wei Hsu, University of Manchester, Philip McCann
- *Air pollution, mobility, remote work and the Great Lockdown.* Miquel-Angel Garcia-Lopez, Universitat Autonoma de Barcelona, Hugo Carpena Barranco

Discussants:

- Miquel-Angel Garcia-Lopez, Universitat Autonoma de Barcelona
- Lucas Ladenburger, Duquesne University
- Luyi Han, Penn State University
- Steven Bond-Smith, University of Hawai'i at Mānoa

60. Transportation Networks and Human Mobility [Paper Session]
Friday | 15:00-17:00 | Salon 9

Chair: Zhongqi Zheng, University of California at Santa Barbara

- *Population dynamics in Meiji Japan: Did railways transport workers?*. Iyoko Someya, The University of Tokyo

- *Women and Urban mobility in the Global South: A systematic literature review.* Monica Haddad, Iowa State University, Tabassum Zaman, University of California - Davis
- *Bottleneck Mitigation to Enhance Neighborhood Evacuation.* Zhongqi Zheng, University of California at Santa Barbara, Alan Murray, University of California at Santa Barbara

Discussants:

- Zhongqi Zheng, University of California at Santa Barbara
- Iyoko Someya, The University of Tokyo
- Monica Haddad, Iowa State University

61. Human Capital, Industrial Evolution, and Regional Development [Paper Session]
Saturday | 8:00-10:00 | Freedom E

Chair: Miki Malul, Ben-Gurion University of the Negev

- *Does the effectiveness of economic development incentives change with human capital?*. John Deskins, West Virginia University, Heather Stephens, West Virginia University, Matthew Fredriksson, West Virginia University
- *Exploring Conditional Probabilities of U.S. Industry Specialization.* Indraneel Kumar, Purdue University, Roberto Gallardo, Purdue University, Benjamin Germain, Purdue University, Andrey Zhalnin, Purdue University, Bertin Mbongo, Purdue University
- *Regional Economic Growth with Competition between the Elites, the Creative Class, and Workers.* Amit Batabyal, RIT, Karima Kourtit, Open University of The Netherlands,, Peter Nijkamp, Open University of the Netherlands
- *Returns to Education, Regional Disparities, and Human Capital Accumulation.* Miki Malul, Ben-Gurion University of the Negev

Discussants:

- Miki Malul, Ben-Gurion University of the Negev
- Matthew Fredriksson, West Virginia University
- Indraneel Kumar, Purdue University
- Amit Batabyal, RIT

62. Governance, Planning, and Spatial Equity [Paper Session]
Saturday | 8:00-10:00 | Freedom F

Chair: So Young Kim, University of Rochester

- *Inclusionary Zoning and Access to Opportunity: Evidence from Washington, D.C.*. So Young Kim, University of Rochester
- *Bureaucratic Capacity and Urban Planning: Evidence from Los Angeles.* Edward Kung, California State University, Stuart Gabriel, University of California - Los Angeles, Matthew Histen, california state university - northridge
- *Property Value Effects of Voluntary and Mandatory Flood Buyouts.* Emma Donnelly, Purdue University, Michael Delgado, Purdue University

Discussants:

- Emma Donnelly, Purdue University
- So Young Kim, University of Rochester
- Edward Kung, California State University

63. Heat Vulnerability and Climate Adaptation [Paper Session]
Saturday | 8:00-10:00 | Freedom G

Chair: Sinara Anastácio, Federal University of Juiz de Fora

- *Bridging the Risk Perception–Behavior Gap in Climate Adaptation: Lessons from Heat-Vulnerable Cities in South Korea.* Hyun Kim, Chungnam National University
- *Optimizing Tree Canopy Allocation for Day and Night Surface Temperature Reduction: A Case Study of Houston, Texas.* Bumseok Chun, Texas Southern University, Jiwan K Thapa, Texas Southern University, Kiran Bhaganagar, University of Texas - San Antonio, Juseong Kim, Memorial Senior High School
- *A Recent Survey and Analysis of Older Adult Migrants' Activity Patterns Under Rising Temperatures: Examining Health, Transportation, and Built Environment Issues in Florida.* Mark Horner, Florida State University, Amber DeJohn, Florida State University, Md. Abdul Fattah, Florida State University
- *The Causal Effect of Temperature on Occupational Accidents: Evidence from Brazil.* Sinara Anastácio, Federal University of Juiz de Fora, Flavia Chein, Federal University of Juiz de Fora, Edson Severnini, Boston College

Discussants:

- Sinara Anastácio, Federal University of Juiz de Fora
- Hyun Kim, Chungnam National University
- Bumseok Chun, Texas Southern University
- Mark Horner, Florida State University

64. Housing IV: Housing Markets, Residential Choice, and Urban Development Dynamics [Paper Session]
Saturday | 8:00-10:00 | Freedom H

Chair: Jeanna Kenney, Villanova University

- *Determinants of Real Estate Liquidity: Amenities, Externalities, Intermediation, and Development Spillovers in São Paulo, Rio de Janeiro, and Belo Horizonte.* gabriel karasek, UFMG - Universidade Federal de Minas Gerais, Renan Almeida, UFMG
- *Cultural proximity and residential choices.* Rosella Nicolini, Universitat Autonoma de Barcelona, Juan A. Piedra Peña, University of Oviedo, José Luis Roig Sabaté, UAB
- *Neighborhood Homeownership and Nearby Employment.* Bingbing Wang, California State University - Los Angeles
- *Intermediary Effort and Asset Liquidity: Evidence from Open Houses.* Jeanna Kenney, Villanova University, Paul Carrillo, George Washington University, Matthew Martinez, George Washington University

Discussants:

- Jeanna Kenney, Villanova University
- gabriel karasek, UFMG - Universidade Federal de Minas Gerais
- Rosella Nicolini, Universitat Autonoma de Barcelona
- Bingbing Wang, California State University - Los Angeles

65. Public Transportation, Commuting, and Economic Performance [Paper Session]
Saturday | 8:00-10:00 | Salon 10

Chair: Johannes Plambeck, Cornell University

- *Paying the Time Tax: Return-to-Office Mandates, Congestion Inequality, and Commuter Adaptation in Seattle.* Lin Zheng, Cornell University
- *Impact of local public transport schemes on economic growth.* Yadira Gomez-Hernandez, University of Bath, Gonzalo Nunez-Chaim, London School of Economics, Henry Overman, London School of Economics
- *Not All Transfers Are Equal: Frequency, Transfer Quality, and Ridership Response in Denver's Transit Network.* Johannes Plambeck, Cornell University

Discussants:

- Johannes Plambeck, Cornell University
- Lin Zheng, Cornell University
- Yadira Gomez-Hernandez, University of Bath

66. Regional Economic Resilience, Recovery, and Policy Responses after COVID-19 [Paper Session]
Saturday | 8:00-10:00 | Salon 3/4

Chair: Joseph Marchand, University of Alberta

- *Spatial Dependence in Mexican Regional Inflation before and after the COVID-19 Pandemic.* Irving Llamosas-Rosas, Bank of Mexico, Erick Rangel-González, Bank of Mexico, Felipe Fonseca, Bank of Mexico
- *Beyond Resistance: Recovery and Industrial Structure in U.S. State Economies after the COVID-19 Shock.* Ayoung Kim, Mississippi State University, Jaewon Lim, University of Nevada, Las Vegas (UNLV), Daeyoung Kwon, University of Nevada - Las Vegas
- *Emergency Liquidity and Payment Behavior: Evidence from the Paycheck Protection Program During COVID-19*. Soomi Lee, University of La Verne, Yong Chen, Oregon State University, Paul Lewin, University of Idaho
- *Parsing out a Place-Based Policy from a Pandemic: Initial Impact of Ontario's ROITC using Census Data.* Shaun Magnaye, University of Alberta, Joseph Marchand, University of Alberta

Discussants:

- Ayoung Kim, Mississippi State University
- Soomi Lee, University of La Verne
- Joseph Marchand, University of Alberta
- Irving Llamosas-Rosas, Bank of Mexico

67. Urban Systems, Agglomeration, and Spatial Transformation [Paper Session]
Saturday | 8:00-10:00 | Salon 9

Chair: Maria Vera-Cabello, Universidad de Zaragoza

- *How cities specialize: occupational structure and functional differentiation in the Swedish urban system.* Lina Bjerke, Jonkoping International Business School, Martin Andersson, Blekinge Institute of Technology
- *Climate change and the determinants of national urban systems.* David Castells-Quintana, Univerdidad Autónoma de Barcelona, Marcos Sanso-Navarro, Universidad de Zaragoza, Maria Vera-Cabello, Universidad de Zaragoza
- *Unhappy Regions and Cities? Urban Agglomeration and Individual Happiness in Spain.* Rafael Gonzalez-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)

Discussants:

- Rafael Gonzalez-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
- Lina Bjerke, Jonkoping International Business School
- Maria Vera-Cabello, Universidad de Zaragoza

68. Coffee Break [Break]
Saturday | 10:00-10:30 | Liberty D Foyer

69. Historical and Contemporary Perspectives on Regional Economic Development [Paper Session]
Saturday | 10:30-12:30 | Freedom E

Chair: Edward Hill, Ohio State Univeristy

- *Forgiveness and crime dynamics: Empirical insights from the Catholic Great Jubilee of 2000 Event.* Yulia Neleptchenko, University of Haifa
- *Weak Bonds? Competing Regional Customs Unions and the German Market before the Zollverein.* Ichio Aoki, The University of Tokyo
- *Coagglomeration and consumption amenities.* Andrea Caragliu, Politecnico di Milano, Martijn Smit, University of Utrecht, Frank van Oort, Erasmus University Rotterdam
- *Five Disruptive Forces: The Conditional Causal Structure of the Waves-and-Bridges Model of Industrial Evolution.* Edward Hill, Ohio State Univeristy

Discussants:

- Edward Hill, Ohio State Univeristy
- Yulia Neleptchenko, University of Haifa
- Ichio Aoki, The University of Tokyo
- Andrea Caragliu, Politecnico di Milano

70. Migration, Mobility, and Spatial Adjustment [Paper Session]
Saturday | 10:30-12:30 | Freedom F

Chair: Yuanyuan Gu, Nanjing University of Information Science and Technology

- *School District Migration in Response to Funding Cuts and Increases.* Shams Sadhin, University of Cincinnati, David Brasington, University of Cincinnati
- *Rural-to-Urban Migration in Iran: IV Evidence, Structural Estimation, and Counterfactual Analysis.* Farnaz Nasiri, Pennsylvania State University
- *Roots, Assimilation and Culture: Decomposing Origin and Destination factors Among Immigrants..* Riccardo Turati, Universitat Autonoma de Barcelona
- *Educational Capacity and the Spatial Redistribution of Children: Evidence from Urban China.* Yuanyuan Gu, Nanjing University of Information Science and Technology, Ting Zhang, University of Baltimore

Discussants:

- Yuanyuan Gu, Nanjing University of Information Science and Technology
- Shams Sadhin, University of Cincinnati
- Farnaz Nasiri, Pennsylvania State University
- Riccardo Turati, Universitat Autonoma de Barcelona

71. Housing V: Housing Markets and the Economic Value of Place [Paper Session]
Saturday | 10:30-12:30 | Freedom H

Chair: Nyakundi Michieka, Cal. State Bakersfield

- *Spatially Uneven Transmission of Macroeconomic Shocks in Urban Housing Markets.* João De Andrade, UFMG, Renan Almeida, UFMG, Rafael Ribeiro, UFMG, Pedro Amaral, UFMG
- *Energy efficiency capitalization in the real estate market: the split incentive problem.* Diego Millan Troches, INRAE
- *The Geography of History: Investigating Connections Between HOLC Redlining and the Spatial Distribution of the National Register of Historic Places.* Carli Henderson, California State University, Sergio Rey, San Diego State University
- *How Does Proximity to Farms Impact Home Values?.* Nyakundi Michieka, Cal. State Bakersfield, Diana Zamora, California State University - Bakersfield

Discussants:

- Nyakundi Michieka, Cal. State Bakersfield
- Renan Almeida, UFMG
- Diego Millan Troches, INRAE
- Carli Henderson, California State University

72. Regional Competitiveness and Economic Development Policy [Paper Session]
Saturday | 10:30-12:30 | Salon 10

Chair: Yuhan Ou, Erasmus University Rotterdam

- *A Triple-Cluster Framework for Regional Economic Competitiveness: Evidence from the United States.* Indraneel Kumar, Purdue University
- *The Effects of Zoning on Business Creation.* Oudom Hean, North Dakota State University, Jaxon Nankivel, North Dakota State University, Dillon Glass, North Dakota State University, Thomas Mercer, North Dakota State University
- *Investing in Places: The Impact of USDA Rural Development Programs on Migration Patterns.* Anil Rupasingha, USDA-ERS, Ephraim Nkonya, USDA
- *Reshaping Firm Entry under Ecological Regulation: Evidence from China's National Key Ecological Function Areas.* Irene van Staveren, Erasmus University Rotterdam, Elissaios Papyrakis, Erasmus University Rotterdam, Yuhan Ou, Erasmus University Rotterdam

Discussants:

- Yuhan Ou, Erasmus University Rotterdam
- Indraneel Kumar, Purdue University
- Oudom Hean, North Dakota State University
- Ephraim Nkonya, USDA

73. Governance, Institutions, and Regional Development [Paper Session]
Saturday | 10:30-12:30 | Salon 3/4

Chair: Mohamed Mahmoud, Poznan University of Economics and Business

- *The Causal Effects of Mayors on Environmental Governance: Evidence from Brazil.* Sinara Anastácio, Federal University of Juiz de Fora, Natália Cruz, Federal University of Juiz de Fora, Mariana Duarte, Federal University of Juiz de Fora, Weslem Faria, Federal University of Juiz de Fora
- *Perceived and Performed: Spatial Mismatches between Local Governance Quality and Public-Service Provision across Serbian Cities.* Marija Džunić, Faculty of Economics University of Nis Serbia, Vladislav Marjanović, Faculty of Economics University of Niš, Dragijana Radonjić-Petrović, Serbian Assosiation of Economists
- *Political Uncertainty and Local Economic Dynamics: Evidence from the 2017 Catalan Independence Declaration.* Rafael Gonzalez-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
- *Geopolitical Fragmentation and the Reorganization of Innovation Networks: Evidence from the Global 5G Industry.* Heli Koski, ETLA Economic Research
- *Nighttime Governance and Data-Driven Decision-Making: Assessing Digital Readiness.* Mohamed Mahmoud, Poznan University of Economics and Business, Piotr Zmyslony, Poznan University of Economics and Business

Discussants:

- Mohamed Mahmoud, Poznan University of Economics and Business
- Sinara Anastácio, Federal University of Juiz de Fora
- Marija Džunić, Faculty of Economics University of Nis Serbia
- Rafael Gonzalez-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)

- Heli Koski, ETLA Economic Research

74. Urban Environmental Resilience: Green Infrastructure, Contamination, and Community-Based Management [Paper Session]
Saturday | 10:30-12:30 | Salon 9

Chair: Amit Batabyal, RIT

- *Sunset Park & Stormwater Management*. Russell Rovira-Espinoza, CUNY Brooklyn College
- *Incomplete by Design - A Comparison of Federal and State Models of Contamination at Newtown Creek*. Aya Abdelaziz, Brooklyn College
- *The Value of Fire Resilient Green Infrastructure for Community-Based Management*. Kiyom Kawamoto, University of Hawaii - Manoa, Eric Yamashita, University of Hawaii - Manoa, Masafumi Morisugi, Meijo University
- *Investments in Water Pollution Cleanup and the Resilience of the Ganges River in India*. Amit Batabyal, RIT, Seung Jick Yoo, Sookmyung Women's University

Discussants:

- Amit Batabyal, RIT
- Russell Rovira-Espinoza, CUNY Brooklyn College
- Aya Abdelaziz, Brooklyn College
- Kiyom Kawamoto, University of Hawaii - Manoa

75. Spatial Inequality, Economic Opportunity, and Household Well-Being [Paper Session]
Saturday | 14:00-16:00 | Freedom E

Chair: Younjun Kim, Southern Connecticut State University

- *Separated, Polarized, and Factioned? The Spatial Scale of Income Segregation in the U.S. from 2010 to 2025*. elijah knaap, University of California Irvine, Sergio Rey, San Diego State University
- *Spatial Polarization: Cohesion and Separation*. Sergio Rey, San Diego State University
- *Information Technology Adoption and Working Poverty among Full-Time, Year-Round Workers*. Younjun Kim, Southern Connecticut State University, Eric Thompson, University of Nebraska-Lincoln
- *Urban Accessibility and Income Inequality: Evidence from the Origin–Destination Survey for São Paulo*. Wallace Souza, Federal university of Paraíba, Eduardo Haddad, University of Sao Paulo

Discussants:

- Wallace Souza, Federal University of Paraíba
- Younjun Kim, Southern Connecticut State University
- elijah knaap, University of California Irvine

- Sergio Rey, San Diego State University

76. The Spatial Effects of Taxes and Public Policy [Paper Session]
Saturday | 14:00-16:00 | Freedom F

Chair: David Brasington, University of Cincinnati

- *The impact of cohesion policy on domestic public spending: A dynamic analysis at the EU regional level.* Debora Gambina, University of Palermo, Fabio Mazzola, University of Palermo, Pietro Pizzuto, University of Palermo
- *The effect of road taxes on local wages and employment.* David Brasington, University of Cincinnati, Saani Rawat, Marquette University
- *When Uniform Landfill Taxes Fail: Recyclability and Scarce Disposal Capacity*. Masashi Yamamoto, Kanagawa University

Discussants:

- Masashi Yamamoto, Kanagawa University
- Fabio Mazzola, University of Palermo
- David Brasington, University of Cincinnati

77. Tourism Development, Sustainability, and Climate Adaptation [Paper Session]
Saturday | 14:00-16:00 | Freedom G

Chair: LU FANG, Central University of Finance and Economics

- *Media Narratives and Regional Tourism Development.* Zeynep Elburz, Izmir Institute of Technology, Karima Kourtit, Open University of The Netherlands,, Peter Nijkamp, Open University of the Netherlands
- *Transformative Tourism – Management of Intensive Tourism through 'De-Concentrated De-Touristification'.* Jaewon Lim, University of Nevada, Las Vegas (UNLV), Karima Kourtit, Open University of The Netherlands,, Peter Nijkamp, Open University of the Netherlands
- *Does Tourism Reduce Carbon Emissions? Specification Artifacts and the Fixed Carbon Structure of Mediterranean Tourism Economies.* LU FANG, Central University of Finance and Economics, Zhuoxuan Li, University of Hong Kong

Discussants:

- LU FANG, Central University of Finance and Economics
- Zeynep Elburz, Izmir Institute of Technology
- Jaewon Lim, University of Nevada, Las Vegas (UNLV)

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