

**The 65th Annual Meeting of
Western Regional Science Association
(Preliminary Program, Ver. 01152026)**

Eldorado Hotel & Spa
Santa Fe, New Mexico, USA
Feb 11th – 14th, 2026

**Before you review the program,
please be familiar with the *WRSA Session Formats and Etiquette***

Notes on Session Format and Etiquette

- Per WRSA custom, each paper is allocated 45 minutes of Program time, inclusive of discussion.
- **Authors** should plan on presentations of approximately **25–30 minutes**.
- **Discussants** should prepare about **5–10 minutes of remarks**, allowing at least 10 minutes for questions from, and open discussion with, session attendees.
- **Participants:** Please arrive at your session 10 minutes early to make A/V preparations (i.e., load presentations onto a laptop).
- At least one of the participants needs to bring a laptop for use by presenters in the session.
- **Chairs:** Please **do not change the order of presentations listed in the program**, and please adhere to the scheduled times.
- As a courtesy to other presenters, **all participants are asked to stay for the entire session**.

**The 65th Annual Meeting of
Western Regional Science Association
(Preliminary Program, Ver. 01152026)**

Eldorado Hotel & Spa
Santa Fe, New Mexico, USA
Feb 11th – 14th, 2026

Wednesday, 11 February

9:00 AM—3:00 PM
PySAL-WS Spatial Data Analysis and Econometrics with PySAL (Zia A)

1:30 PM—3:30 PM
TRSA-ABC The Regional Science Academy (TRSA) - ABC (Zia B)

4:30 PM—6:00 PM
LGOS The 15th Annual Lay James Gibson Opening Session (Anasazi South)

6:15 PM—7:45 PM
Welcome Reception (Cava)

Wednesday, 9:00 AM—3:00 PM
PySAL-WS ~ Zia A
Spatial Data Analysis and Econometrics with PySAL
Chairs: Sergio REY, San Diego State University;
Elijah KNAAP, San Diego State University
(All attendees are welcome to join this workshop)

Wednesday, 1:30 PM—4:00 PM
TRSA-ABC ~ Zia B
The Regional Science Academy - Advanced Brainstorm Carrefour
Spatial Wellbeing, Leisure, & Climate

Chair: Kingsley HAYNES, George Mason Univ.

1:30—2:00

Place Wellbeing and De-touristification: A Flying Disc Approach

Karima KOURTIT, Open Univ., Jaewon LIM, Univ. Nevada, Las Vegas, Peter NIJKAMP, Open Univ.

2:00—2:30

The Merits of Digital Tools in Tourism Wellbeing Research

Zeynep ELBURZ, Izmir Institute of Technology, Karima KOURTIT, Open Univ., Peter NIJKAMP, Open Univ.

2:30—3:00

Urban Land Use and Environmental Quality of Life

Eric J. HEIKKILA, Univ. Southern California

3:00—3:30

Wellbeing in a Multi-level Space-Economy

Steven DELLER, University of Wisconsin-Madison

Wednesday, 4:30 PM—6:00 PM
LGOS ~ Anasazi South
The 15th Annual Lay James Gibson Opening Session
Chairs: Alessandra FAGGIAN, Gran Sasso Science Inst.;
Haoying WANG, New Mexico Inst. Mining & Technology
Manufacturing onshoring along the I-25 manufacturing corridor:
Growth of New Mexico's Santa Teresa Trade Zone

Facilitated by:

Haoying WANG, New Mexico Inst. Mining & Technology

Presenters & Panelists:

Mayra G. Maldonado

Hunt Institute at Univ. Texas, El Paso

Jerry Pacheco

The Border Industrial Association

Kristen Gamboa

City of Carlsbad, New Mexico

Kramer Winingham

Arrowhead Center, New Mexico State Univ.

Wednesday, 6:15 PM—7:45 PM
Welcome Reception ~ Cava

Thursday, 12 February

8:00 AM—10:00 AM

WRSA-BM WRSA Board Meeting (Anasazi North)

8:30 AM—12:00 PM

- 1A** Rural Development, Agriculture, & Trade (Eldorado A)
- 1B** Disaster Management & Resilience (I) (Eldorado B)
- 1C** Economic Development & Sustainable Growth (I) (Zia A)
- 1D** Location Modeling for Regional Development (I) - IJUS Special Session (Zia B)
Organized and sponsored by International Journal of Urban Sciences (IJUS)
- 1E** Housing, Real Estate, Urban Policies (I) (Zia C)

12:00 PM—1:30 PM

TARS-EBM The Annals of Regional Science - Editorial Board Meeting (Anasazi North)

1:30 PM—5:00 PM

- 2A** Regional Science Theories & Model Applications (Anasazi North)
- 2B** Keith Schwer Memorial Western States Economic Outlook (I) (Eldorado A)
- 2C** Environment, Livability, & Resilience (I) - GSSI Special Session (Eldorado B)
Organized and sponsored by Gran Sasso Science Institute (GSSI)
- 2D** Infrastructure & Regional Growth (Zia A)
- 2E** Spatial Modeling & GIS Applications (I) (Zia B)
- 2F** Human Capital, Education, & Labor Market (I) (Zia C)

5:15 PM—6:45 PM

GOSA The 13th Getis-Ord Lecture in Spatial Analysis (Anasazi South)

7:00 PM—8:30 PM

Getis-Ord Lecture Reception (Cava)

Thursday, 8:00 AM—10:00 AM

WRSA-BM ~ Anasazi North

WRSA Board Meeting

(By invitation only)

Thursday, 12:00 PM—1:30 PM

TARS-EBM ~ Anasazi North

The Annals of Regional Science - Editorial Board Meeting

(By invitation only)

Thursday, 8:30 AM—12:00 PM
Paper Session 1A ~ Eldorado A
Rural Development, Agriculture, & Trade
Chair: Luis GALVIS, Banco de la Republica de Colombia

8:30—9:15

Determinants of Japanese Tea Exports: A Regional Analysis Focusing on Shizuoka, Kagoshima, and Kyoto

Yuko HISA, Teikyo University, Shoichi HISA, Kanagawa University

Discussant: Luis GALVIS, Banco de la Republica de Colombia

9:15—10:00

Measuring Grain Import Price Elasticities: A Cross-Country Analysis Using the AIDS Model

Heeje HWANG, Seoul National University, Juwon GEUM, Seoul National University, Jungman CHOI, Seoul National University, Taeyoon KIM, Seoul National University, Donghwan AN, Seoul National Univ.

Discussant: Giacomo DEGLI ANTONI, University of Parma

Coffee Break: 10:00—10:30

10:30—11:15

An Analysis of the Determinants of Agricultural Production Inefficiency in African Countries

Jiwon BANG, Seoul National University, Kwansoo KIM, Seoul National University

Discussant: Luca CATTANI, University of Parma

11:15—12:00

Uneven Growth in Amenity-Rich Regions: Revisiting Rural Spatial Equilibrium

Yong CHEN, Oregon State Univ., Myungjin KIM, Kyungpook National Univ.

Discussant: YONGSIK MOON, Seoul National University

Thursday, 8:30 AM—12:00 PM
Paper Session 1B ~ Eldorado B
Disaster Management & Resilience (1)
Chair: Arsène PERROT, Gran Sasso Science Inst.

8:30—9:15

A choice experiment approach to measure the value of cybersecurity and data protection in the electricity sector: evidence from Italy

Jeanne Vallette D'OSIA, Ircres-CNR, Elena RAGAZZI, Ircres-CNR, Ugo FINARDI, Ircres-CNR, Graziano ABRATE, University of Piemonte Orientale (UPO), Clementina BRUNO, UPO - Università del Piemonte Orientale, Fabrizio ERBETTA, UPO - Università del Piemonte Orientale

Discussant: Wonsill HWANG, Pusan National Univ.

9:15—10:00

Fire and Water: The Effects of Large Wildfire on Local Drinking Water Treatment

Thomas GIFFORD, Colorado State University

Discussant: Arsène PERROT, Gran Sasso Science Institute

Coffee Break: 10:00—10:30

10:30—11:15

A Composite Indicator of Multi-Layer, Multi-Shock Resilience for EU Regions

Giulio BREGLIA, Gran Sasso Science Inst., Alessandra FAGGIAN, Gran Sasso Science Inst., Marco MODICA, Gran Sasso Science Inst., Kateryna TKACH, Gran Sasso Science Institute

Discussant: Aaron COLLETTA, Univ. Nevada, Las Vegas

11:15—12:00

Temporal Dynamics of Urban Activity under Compound Disasters: A Big Data-Driven Approach

Ji Yoon LEE, Pusan National University, SONGJU LEE, PUSAN NATIONAL UNIVERSITY, Wonsill HWANG, Pusan National Univ., Jung Eun KANG, pusan national university

Discussant: Daria DENTI, Gran Sasso Science Inst.

Thursday, 8:30 AM—12:00 PM
Paper Session 1C ~ Zia A
Economic Development & Sustainable Growth (I)
Chair: Johan LUNDBERG, Umeå Univ.

8:30—9:15

AI Boom, Data Centers, and Local Economic Impacts in the United States

Haoying WANG, New Mexico Inst. Mining & Technology, Jaina OLSON, New Mexico Inst. Mining & Technology

Discussant: Fabiano COMPAGNUCCI, GSSI

9:15—10:00

Economic Impact of Project Jupiter: A Proposed Industrial Revenue Bond Project in New Mexico

Kramer WININGHAM, New Mexico State University, Lucinda VARGAS, New Mexico State University, Christopher A. ERICKSON, New Mexico State University

Discussant: Ikuto AIBA, The University of Tokyo

Coffee Break: 10:00—10:30

10:30—11:15

Intersection Daylighting Strategy via Micromobility Parking Priority Index: The Case of Downtown Seattle

Yasir ALFARAG, City of Seattle, Christine BAE, Univ. Washington

Discussant: Johan LUNDBERG, Umeå Univ.

11:15—12:00

The Reach of Marginalization: Neighborhoods, Cities, and Generational Patterns

Martin ANDERSSON, Blekinge Inst. Technology, Johan P. LARSSON, Univ. Cambridge, Ozge ONER, Univ. Cambridge

Discussant: Andres RODRIGUEZ LOMBEIDA, University of Nevada Las Vegas

Thursday, 8:30 AM—12:00 PM

Paper Session 1D ~ Zia B

***Location Modeling for Regional Development (1) – IJUS Special Session
Organized and Sponsored by International Journal of Urban Sciences (IJUS)***

Chair: In Kwon PARK, Seoul National University

8:30—9:15

The Impact of Oregon's Tiered Minimum Wage Policy on Working Hours in the Food Manufacturing Industry

Esther AGYEMANG-DUAH, Oregon State University, Tim DELBRIDGE, Oregon State University

Discussant: David Emanuel ANDERSSON, National Sun Yat-sen Univ.

9:15—10:00

Learning and Spillovers in Place-Based Policy Making

Keisuke KONDO, Research Inst. Economy, Trade and Industry, Toshihiro OKUBO, Keio University

Discussant: Zhuyin LI, University of Chicago

Coffee Break: 10:00—10:30

10:30—11:15

Economic decline and protest vote: an exit-voice exploration of Italian left-behindedness

Alessandra DE RENZIS, Gran Sasso Science Inst., Giulia URSO, Gran Sasso Science Inst.

Discussant: In Kwon PARK, Seoul National University

11:15—12:00

The Effect of a Tiered Minimum Wage on Establishments' Credit Default Behavior: Evidence from Oregon's Regionally Tiered Minimum Wage Policy

Richard ACQUAH-SARPONG, Oregon State University, Yong CHEN, Oregon State University, Paul LEWIN, Univ. Idaho

Discussant: Jiakai ZHANG, New Mexico Tech

Thursday, 8:30 AM—12:00 PM

Paper Session 1E ~ Zia C

Housing, Real Estate, Urban Policies (I)

Chair: Bo MALMBERG, Stockholm Univ

8:30—9:15

Rising temperatures, informal housing, and inequality

Arnab DUTTA, Univ. Southern California

Discussant: Jaheon KOO, Seoul National Univ.

9:15—10:00

Redevelopment along Transit Corridors: An Application of Deep Learning

Do KIM, Cal Poly, Pomona, Hee-Jung JUN, Sungkyunkwan Univ., Ji-Hwan KIM, Samsung Electronics

Discussant: David FLORES MOCTEZUMA, University of Southern California

Coffee Break: 10:00—10:30

10:30—11:15

Temporary Work-from-Home Mandates in Hong Kong and Their Potential Lasting Influence on Housing Preferences

Chenghao DENG, The University of Hong Kong, Yifu OU, Hong Kong Baptist University, Kyung-Min NAM, Univ. Hong Kong

Discussant: Bo MALMBERG, Stockholm Univ

11:15—12:00

Spatial Variations in Wellbeing Outcomes: Cohorts, Status and Social Connections

William Arthur Valentine CLARK, Univ. California, Caroline BAUMANN, Cal. State Northridge

Discussant: Seo Yoon JOO, Sungkyunkwan Univ.

Thursday, 1:30 PM—5:00 PM

Paper Session 2A ~ Anasazi North

Regional Science Theories & Model Applications

Chair: Bruce NEWBOLD, McMaster Univ.

1:30—2:15

Counting the Uncounted: Machine Learning Approaches to Imputing Unsheltered Homelessness During the COVID-19 Pandemic

Luke MADDOCK, Colorado State University

Discussant: Xijing LI, California State Polytech University at Pomona

2:15—3:00

Perceptions of Welcomeness and Urban Amenity Value: Evidence from Public Spaces in Bangkok

Sutee ANANTSUKSOMSRI, Chulalongkorn Univ., Nij TONTISIRIN, Thammasat Univ., Yuri MANSURY, Illinois Inst. Technology

Discussant: Karima KOURTIT, Open Univ.

Coffee Break: 3:00—3:30

3:30—4:15

Fractal Dimension Complexity of Gravitational Fractals Based on Square Lattices: Christaller Revisited

Michał BANASZAK, Adam Mickiewicz Univ., Krzysztof GÓRNIŚIEWICZ, Adam Mickiewicz Univ, Waldemar RATAJCZAK, Adam Mickiewicz Univ., Peter NIJKAMP, Open Univ.

Discussant: Bruce NEWBOLD, McMaster Univ.

4:15—5:00

From Space to Flows: How Work-Related Travel Flow Reshape Intra-Urban Innovation Clusters in Hong Kong

Mingming GUAN, The Hong Kong Polytechnic University, Yuting HOU, The Hong Kong Polytechnic University

Discussant: Kramer WININGHAM, New Mexico State University

Thursday, 1:30 PM—5:00 PM

Paper Session 2B ~ Eldorado A

Keith Schwer Memorial Western States Economic Outlook (I)

Chair: Richard WOBBEKIND, Univ. Colorado

1:30—2:15

Western States Economic Outlook Overview

Brain LEWANDOWSKI, Univ. Colorado Boulder

2:15—3:00

Arizona Economic Outlook

Timonty HOGAN, Arizona State Univ.

Coffee Break: 3:00—3:30

3:30—4:15

California Economic Outlook

Raymond SFEIR, Chapman Univ.

4:15—5:00

New Mexico Economic Outlook

Mike O'DONNELL, Univ. New Mexico

Thursday, 1:30 PM—5:00 PM
Paper Session 2C ~ Eldorado B
Environment, Livability, & Resilience (I) – GSSI Special Session
ECOFEAR: Socioeconomic consequences of environmental reforms and shocks
Organized and Sponsored by Gran Sasso Science Institute
(NextGeneration EU NRRP M4, C2 - inv1.3 - GRINS Spoke 5)

Chairs: Daria DENTI, Gran Sasso Science Inst; Alessandra FAGGIAN, Gran Sasso Science Inst

1:30—2:15

Green with Anger: polarized environmental mobilization and the knowledge economy

Daria DENTI, Gran Sasso Science Inst., Fabiano COMPAGNUCCI, GSSI, Alessandra FAGGIAN, Gran Sasso Science Inst., Arsène PERROT, Gran Sasso Science Institute

Discussant: Soomi LEE, Univ. La Verne

2:15—3:00

Delivering E-Nequalities: The Hidden Costs of Logistics Development for Vulnerable Communities

Arsène PERROT, Gran Sasso Science Institute

Discussant: Nyakundi MICHIEKA, California State Univ., Bakersfield

Coffee Break: 3:00—3:30

3:30—4:15

How will hybrid work schedules impact the demand for natural resources? The case of urban water demand

Juan Carlos LOPEZ, Univ. Denver

Discussant: Yong CHEN, Seoul National University

4:15—5:00

Precision Decarbonization by Urban Type: Which Levers Reduce Per-Capita CO₂ in Korea?

Wonsill HWANG, Pusan National Univ., Minyeong PARK, Pusan National University, Song Ju LEE, Pusan National University, Jung

Eun KANG, pusan national university

Discussant: Courtney BOWER, Los Alamos National Laboratory

Thursday, 1:30 PM—5:00 PM
Paper Session 2D ~ Zia A
Infrastructure & Regional Growth
Chair: Geoffrey HEWINGS, Univ. Illinois, Urbana-Champaign

1:30—2:15

Maximizing the value of high-speed rail: a reappraisal of the underlying economics

Roger VICKERMAN, University of Kent

Discussant: Euijune KIM, Seoul National Univ.

2:15—3:00

Stigma and Spatial Access to Opioid Treatment: Evidence from Pennsylvania

Shazib ALTAF, Penn State Harrisburg, Sujeong PARK, Pennsylvania State Univ.

Discussant: Geoffrey HEWINGS, Univ. Illinois, Urbana-Champaign

Coffee Break: 3:00—3:30

3:30—4:15

Determinants and Spatial Equity of Cultural Facility Accessibility in Seoul: A Comparison of Spatial Regression and XGBoost-SHAP

Jiin LEE, Seoul National Univ., In Kwon PARK, Seoul National University

Discussant: Carlianne PATRICK, Georgia State Univ.

4:15—5:00

The Role of Federal Broadband Investments in Historically Black Institutions of Higher Education in the Rural Southeast

Terry CLOWER, George Mason Univ., Katherine KEMPE, Kaptivate, Victora VASSALLOO, Kaptivate, Keith WATERS, George Mason University

Discussant: Kyung-Min NAM, Univ. Hong Kong

Thursday, 1:30 PM—5:00 PM
Paper Session 2E ~ Zia B
Spatial Modeling & GIS Applications (I)
Chair: Shiyan ZHANG, New Mexico State University

1:30—2:15

Degrees of Belonging: Exploring Fuzziness in Urban Regions

Eric J. HEIKKILA, Univ. Southern California, Seula LEE, Univ. Saskatchewan
Discussant: Shiyan ZHANG, New Mexico State University

2:15—3:00

The Geography of History: Connecting Historic Preservation with Spatial Inequality

Carli HENDERSON, San Diego State University, Sergio REY, San Diego State University
Discussant: Chaehyeon LEE, Arizona State University

Coffee Break: 3:00—3:30

3:30—4:15

Spatial Inequalities in Time-Sensitive and Non--Time-Sensitive Mortality: The Role of Healthcare Accessibility

Jisu JEONG, Sungkyunkwan University, Hee-Jung JUN, Sungkyunkwan Univ.
Discussant: Mengyu LIAO, Univ. Maryland

4:15—5:00

On the distribution of spatial polarization indices

Sergio REY, San Diego State University
Discussant: Gianluca MONTURANO, University of Bari

Thursday, 1:30 PM—5:00 PM
Paper Session 2F ~ Zia C
Human Capital, Education, & Labor Market (I)
Chair: Hans WESTLUND, Kyoto Univ., Japan

1:30—2:15

Education, Gender, and Labor Informality in Colombia

Luis GALVIS, Banco de la Republica de Colombia
Discussant: Hans WESTLUND, Kyoto Univ., Japan

2:15—3:00

Capital Expenditure by School Districts: Driven by Enrollment or Income?

Eva ALBINO, California Workers' Compensation Institute, Steven CRAIG, Univ. Houston, Sameer MALIK, Norwegian Business School, Md. Abdullah MASHRUR, East West University, Ryan MCGREGOR, Southern Methodist University, Brian MURPHY, University of Houston, Bent SORENSEN, University of Houston
Discussant: Ahsan KIBRIA, University of Idaho

Coffee Break: 3:00—3:30

3:30—4:15

From classrooms to regions: the scale of inequality and educational aspirations

Christian GONZALEZ CUATIANQUIS, Gran Sasso Science Institute, Paolo VENERI, Gran Sasso Science Institute, Alessandra FAGGIAN, Gran Sasso Science Inst.
Discussant: William HAUKE, Univ. South Carolina

4:15—5:00

Labour market integration of Ukrainian refugees in Italy

Alessandra FAGGIAN, Gran Sasso Science Inst., Alessandra MICHELANGELI, University of Milano-Bicocca, Kateryna TKACH, Gran Sasso Science Institute
Discussant: Deborah STRUMSKY, Jonkoping University

Thursday, 5:15 PM—6:45 PM
GOSA ~ Anasazi South
The 13th Getis-Ord Lecture in Spatial Analysis
Chair: Eric HEIKKILA, Univ. Southern California
Significance and Interpretation in Geographic Shape Compactness
Alan MURRAY, University California, Santa Barbara
Discussant: Geoff BOEING, Univ. Southern California

Thursday, 7:00 PM—8:30 PM
Getis-Ord Lecture Reception ~ Cava

Friday, 13 February

8:30 AM—12:00 PM

- 3A** Regional Food Systems & Agriculture (Anasazi North)
Organized and sponsored by University of Parma, Italy
- 3B** Keith Schwer Memorial Western States Economic Outlook (II) (Eldorado A)
- 3C** Disaster Management & Resilience (II) (Eldorado B)
- 3D** Tax Policies & Local Public Finance (Zia A)
- 3E** Location Modeling for Regional Development (2) (Zia B)
- 3F** Urban Issues in China – IACP Special Session (Zia C)
Organized by International Association for China Planning (IACP)

12:00 PM—2:15 PM

- AABL** Annual Award Banquet Luncheon (Anasazi South)

2:30 PM—6:00 PM

- 4A** Transportation & Mobility (I) (Anasazi North)
- 4B** Natural Resources, Environment, & Disaster (Eldorado A)
- 4C** Environment, Livability, & Resilience (II) (Eldorado B)
- 4D** The Regional Science Academy (TRSA) - SAS (Zia A)
- 4E** Spatial Modeling & GIS Applications (II) (Zia B)
- 4F** Housing, Real Estate, Urban Policies (II) (Zia C)

6:00 PM—8:00 PM

- President Reception (Cava)

Friday, 8:30 AM—12:00 PM
Paper Session 3A ~ Anasazi North
Regional Food Systems & Agriculture
Organized by University of Parma, Italy

Chair: Luca CATTANI, University of Parma

8:30—9:15

The Impact of Floods on the Skill Premium: Evidence from Italian Provinces

Luca CATTANI, University of Parma, Marco MODICA, Gran Sasso Science Inst.

Discussant: Brian H.S. KIM, Seoul National Univ.

9:15—10:00

An Examination of the Relationship between Market Power and Exports of Aomori Prefecture in Apple Market of Japan

Shoichi HISA, Kanagawa University, Yuko HISA, Teikyo University

Discussant: Jiwon BANG, Seoul National University

Coffee Break: 10:00—10:30

10:30—11:15

To eat or not to eat? A survey experiment on regulatory information and novel food acceptance

Luca CATTANI, University of Parma, Giacomo DEGLI ANTONI, University of Parma, Marco FAILLO, University of Trento

Discussant: Julia CROWLEY, University of Missouri-Kansas City

11:15—12:00

Regional Heterogeneity in Policy Fund Effects - Evidence from the Agri-food Sector in Korea

YONGSIK MOON, Seoul National University, Donghwi KIM, Seoul National University, Do-il YOO, Seoul National University

Discussant: Yuko HISA, Teikyo University

Friday, 8:30 AM—12:00 PM
Paper Session 3B ~ Eldorado A
Keith Schwer Memorial Western States Economic Outlook (II)

Chair: Richard WOBBEKIND, Univ. Colorado

8:30—9:15

Utah Economic Outlook

Phillp DEAN, Univ. Utah

9:15—10:00

Colorado Economic Outlook

Richard WOBBEKIND, Univ. Colorado

Coffee Break: 10:00—10:30

10:30—11:15

Idaho Economic Outlook

Karl R. GEISLER, Idaho State Univ.

11:15—12:00

Montana Economic Outlook

Jeffrey MICHAEL, Univ. Montana

Friday, 8:30 AM—12:00 PM
Paper Session 3C ~ Eldorado B
Disaster Management & Resilience (II)
Chair: Makena COFFMAN, Univ. Hawaii at Manoa

8:30—9:15

Estimating the Effects of Wildfires on Firm Migration

Richard ACQUAH-SARPONG, Oregon State University

Discussant: Ji Yoon LEE, PUSAN NATIONAL UNIVERSITY

9:15—10:00

Equity at the Exit: Planning for Neighborhood Evacuation Vulnerability

Zhongqi ZHENG, Univ. California, Santa Barbara, Alan MURRAY, University California, Santa Barbara

Discussant: Makena COFFMAN, Univ. Hawaii at Manoa

Coffee Break: 10:00—10:30

10:30—11:15

Moral Hazard of Subsidies to Wildfire Management and Sprawl: Investigating the Spatial Mismatch Between Public Expenditures and Finance in the Wildland-Urban-Interface of Alaska's Boreal Forests

Matthew BERMAN, University of Alaska Anchorage, Jennifer SCHMIDT, University of Alaska Anchorage

Discussant: Jihun PAEK, Seoul National University

11:15—12:00

A Systematic Analysis of Global Multi-hazards Characteristics and Typologies Using Topic Modeling and Network Analysis

Dong Keun YOON, Yonsei Univ., Mijin CHOO, Yonsei University

Discussant: Hao HUANG, Illinois Institute of Technology

Friday, 8:30 AM—12:00 PM

Paper Session 3D ~ Zia A

Tax Policies & Local Public Finance

Chair: Janet KOHLHASE, Univ. Houston

8:30—9:15

Shining a Spotlight on Film Tax Credits: Evidence from Georgia

Carlianne PATRICK, Georgia State Univ., Federico CORREDORR, Georgia State University, Nadia FAROOQ, Georgia State University

Discussant: Roberto BASILE, University of Rome "Sapienza"

9:15—10:00

Rent Capture by Central Cities

Steven CRAIG, Univ. Houston, Oscar GALVEZ-SORIANO, University of Chicago, Annie HSU, Indiana University Bloomington, Janet E. KOHLHASE, Univ. of Houston

Discussant: Yuri MANSURY, Illinois Inst. Technology

Coffee Break: 10:00—10:30

10:30—11:15

Effects of PPP Funding on Small Business Liquidity and Financial Health

Soomi LEE, Univ. La Verne, Yong CHEN, Oregon State Univ., Paul LEWIN, Univ. Idaho

Discussant: Steven CRAIG, Univ. Houston

11:15—12:00

Temporary Relief: The Kansas Tax Experiment and Firm Payment Behavior

Richard ACQUAH-SARPONG, Oregon State University, Yong CHEN, Oregon State Univ., David GUO, Wichita State University, Paul LEWIN, Univ. Idaho

Discussant: Sujeong PARK, Pennsylvania State Univ.

Friday, 8:30 AM—12:00 PM

Paper Session 3E ~ Zia B

Location Modeling for Regional Development (2)

Chair: Haoying WANG, New Mexico Inst. Mining & Technology

8:30—9:15

On WARN Notices and Economic Activity

Mouheine GUETTABI, Univ. North Carolina

Discussant: Ozge ONER, University of Cambridge

9:15—10:00

Robotisation, employment and income: the role of firms' size in the Euro area regions.

Fabiano COMPAGNUCCI, GSSI, Mauro GALLEGATI, Università Politecnica delle Marche, Andrea GENTILI, Universitas Mercatorum, Enzo VALENTINI, University of Macerata

Discussant: Haoying WANG, New Mexico Inst. Mining & Technology

Coffee Break: 10:00—10:30

10:30—11:15

Community Capital in Urban America: Implications for Place-based Livability and Individual-based Happiness

Andres RODRIGUEZ LOMBEIDA, University of Nevada Las Vegas, Jaewon LIM, Univ. Nevada, Las Vegas

Discussant: Christine BAE, Univ. Washington

11:15—12:00

Micro-spatial determinants of urban--industrial reintegration: Evidence from the Seoul Metropolitan Area

Jeong-II PARK, Keimyung Univ.

Discussant: Michael LAHR, Rutgers Univ.

Friday, 8:30 AM—12:00 PM
Paper Session 3F ~ Zia C
Urban Issues in China - IACP Special Session
Organized by International Association for China Planning (IACP)
Chair: Zhenhua CHEN, Ohio State Univ.

8:30—9:15

Population and Employment Dynamics in a Fast-Growing Economy: Evidence from Chinese Prefectural Regions

Wenzheng LI, University of British Columbia, Yuanshuo XU, Zhejiang University, John CARRUTHERS, Cornell University

Discussant: Bingshun YUAN, Penn State Harrisburg

9:15—10:00

Scale Efficiency in China's High-Speed Rail Network: An Urban Scaling--Gravity Approach

Zhenhua CHEN, Ohio State Univ., Xiao LI, Chongqing Jiaotong University, Chunyang WANG, Chongqing Jiaotong University

Discussant: Roger VICKERMAN, University of Kent

Coffee Break: 10:00—10:30

10:30—11:15

Policy Credibility and Expectation-Driven Housing Demand: Evidence from China's Housing Purchase Restrictions

Meng-Ting CHEN, National Taiwan Normal University, Jiakai ZHANG, New Mexico Tech

Discussant: Ming ZHANG, Univ. Texas at Austin

11:15—12:00

When Cointegration Misleads: Regional Evidence on Housing Price Determinants in China

Liping GAO, Beijing Institute of Technology, Ghislain GUEYE, Louisiana Tech Univ., Hyeongwoo KIM, Auburn University, Jisoo SON, Auburn University

Discussant: Yuquan ZHOU, Univ. of Southern California

Friday, 12:00 PM—2:15 PM
AABL ~ Anasazi South
Annual Award Banquet Luncheon
Chair: Euijune KIM, Seoul National Univ.

Friday, 2:30 PM—6:00 PM
Paper Session 4A ~ Anasazi North
Transportation & Mobility (I)

Chair: Marlon BOARNET, Univ. Southern California

2:30—3:15

Transit Construction and Housing Development in Suburban Communities

Do KIM, Cal Poly, Pomona

Discussant: Marlon BOARNET, Univ. Southern California

3:15—4:00

The Association between Built Environment and Motor Vehicle Crashes Involving Senior Pedestrians and Cyclists.

Seunghoon Oh, University of Illinois Springfield

Discussant: Yao-Yu CHIH, Texas State University

Coffee Break: 4:00—4:30

4:30—5:15

Exploring Nonlinear Effects of the N-Minute City on Walking Behavior: An XGBoost Model

Kihyun KWON, Incheon National University

Discussant: Genevieve GIULIANO, Univ. Southern California

5:15—6:00

Overestimating Essential Services Accessibility? Static vs. Dynamic Spatiotemporal Measures Using Individual Mobility Data in Los Angeles

Yuquan ZHOU, Univ. of Southern California

Discussant: Zhenhua CHEN, Ohio State Univ.

Friday, 2:30 PM—6:00 PM
Paper Session 4B ~ Eldorado A
Natural Resources, Environment, & Disaster
Chair: Peter ROGERSON, Arizona State Univ.

2:30—3:15

DRAFT - Willingness to Pay for Rural Water Supply Improvements

Steven PIPER, Colorado School Mines

Discussant: Thomas GIFFORD, Colorado State University

3:15—4:00

Which industries are Most Likely to Face the Energy Transition Risk in Kern County? Oil Price Shocks and White Collar jobs

Nyakundi MICHIEKA, California State Univ., Bakersfield

Discussant: Dong Keun YOON, Yonsei Univ.

Coffee Break: 4:00—4:30

4:30—5:15

How Well Does a Resilience Index Track Heatwave Losses? -Evidence from Korean Municipalities

Wooyoung CHOI, Seoul National University, Choi YEWON CHOI, Seoul National University, Donghwi KIM, Seoul National University, Ahn HWUIKWON, Seoul National University, Donghwan AN, Seoul National Univ., Kwansoo KIM, Seoul National University

Discussant: Peter ROGERSON, Arizona State Univ.

5:15—6:00

Relationship between green infrastructure and urban flood risk: Evidence from Chicago

Hao HUANG, Illinois Institute of Technology, Hao DING, Illinois Institute of Technology, Michael SANSONE, Illinois Institute of Technology, Elyse COOKE, Illinois Institute of Technology, Matthew SHAPIRO, Illinois Institute of Technology, David LAMPERT, Illinois Institute of Technology

Discussant: Marco MODICA, Gran Sasso Science Inst.

Friday, 2:30 PM—6:00 PM
Paper Session 4C ~ Eldorado B
Environment, Livability, & Resilience (II)
Chair: Juan Carlos LOPEZ, Univ. Denver

2:30—3:15

Quantifying Market Volume Sensitivity to Property Modifications in Polyhydroxybutyrate: A Parametric Analysis Approach

Courtney BOWER, Los Alamos National Laboratory, Paolo PATELLI, Los Alamos National Laboratory

Discussant: Phillip LEE, University of Southern California

3:15—4:00

Multilevel Governance and Environmental Infrastructure: How different types of neighborhood governance associations impact urban tree canopy coverage

Aaron COLLETTA, Univ. Nevada, Las Vegas

Discussant: Graziano ABRATE, University of Piemonte Orientale (UPO)

Coffee Break: 4:00—4:30

4:30—5:15

Demographic and Socioeconomic Factors Associated with Floodplain Development: A Case Study of the Kansas City Metropolitan Area

Sungyop KIM, University of Missouri - Kansas City, Julia CROWLEY, University of Missouri-Kansas City

Discussant: Juan Carlos LOPEZ, Univ. Denver

5:15—6:00

EU CBAM as an Interregional Carbon Market: A Review of its Pricing Mechanism

Jihun PAEK, Seoul National University, Brian H.S. KIM, Seoul National Univ.

Discussant: Karl R GEISLER, Idaho State Univ.

Friday, 2:30 PM—6:00 PM
Paper Session 4D ~ Zia A
The Regional Science Academy (TRSA) - SAS
Chair: Peter BATEY, University of Liverpool

2:30—3:15

AI as a New Urban Operations and Planning Paradigm

Rick CHURCH, Univ. California, Santa Barbara

3:15—4:00

Advances in Geoscience and AI

Sergio REY, San Diego State University

Coffee Break: 4:00—4:30

4:30—5:15

GREAT MINDS: Wilhelm Launhardt--His Life and Contributions to Spatial Economics

Michael LAHR, Rutgers Univ.

5:15—6:00

GREAT MINDS: Lay James Gibson--Multifaceted Regional Science Developer

David A. PLANE, University of Arizona

Friday, 2:30 PM—6:00 PM

Paper Session 4E ~ Zia B

Spatial Modeling & GIS Applications (II)

Chair: Daoqin TONG, Arizona State Univ.

2:30—3:15

Spatial Spillovers and Connectivity between Service Companies and Service Institutions in Italy: A Gravity-Based Approach

Angela Stefania BERGANTINO, University of Bari, Mario INTINI, University of Bari, Gianluca MONTURANO, University of Bari, Giulio PEDRINI, University of Enna Kore

Discussant: Jeong-Il PARK, Keimyung Univ.

3:15—4:00

Causal relationship between wildfire/ wildfire smoke and human mobility

Shiyan ZHANG, New Mexico State University, Manzhou YU, Penn State University

Discussant: Seula LEE, Univ. Saskatchewan

Coffee Break: 4:00—4:30

4:30—5:15

Delineating Spatial Boundaries of the Built Environment's Influences on Intimate Partner Violence: A Data-Driven Multiscale Approach

Mengyu LIAO, Univ. Maryland, Taylor OSHAN, University of Maryland, College Park, Min XIE, University of Maryland, College Park, Kathleen STEWART, University of Maryland, College Park, Levi WOLF, University of Bristol

Discussant: Daoqin TONG, Arizona State Univ.

5:15—6:00

A Spatial Optimization Approach to Improve Accessibility to Essential Services in Depopulating Cities

Chaehyeon LEE, Arizona State University, Daoqin TONG, Arizona State Univ.

Discussant: Carli HENDERSON, San Diego State University

Friday, 2:30 PM—6:00 PM

Paper Session 4F ~ Zia C

Housing, Real Estate, Urban Policies (II)

Chair: Elijah KNAAP, University of California, Irvine

2:30—3:15

Spatial Disparities and Determinants of Chronic Disease Mortality

Seo Yoon JOO, Sungkyunkwan Univ., Seo Yoon JOO, Sungkyunkwan Univ., Hee-Jung JUN, Sungkyunkwan Univ.

Discussant: Herman DONNER, KTH Royal Institute of Technology

3:15—4:00

Influences of lending growth and house prices on fertility 1992-2020: Evidence from a panel of OECD countries

Bo MALMBERG, Stockholm Univ, Gebrenegus GHILAGABER, Stockholm University

Discussant: Hee-Jung JUN, Sungkyunkwan Univ.

Coffee Break: 4:00—4:30

4:30—5:15

Social Unrest and Neighborhood Expectations

Sarah WEST, Macalester College, Clemens PILGRAM, Kansas State University

Discussant: Elijah KNAAP, University of California, Irvine

5:15—6:00

Spatial Heterogeneity and Value Decomposition of Oregon's Zoning Reform

Judy (Seoyoon) KANG, Oregon State University

Discussant: William Arthur Valentine CLARK, Univ. California

Friday, 6:00 PM—8:00 PM
President Reception ~ Cava
Saturday, 14 February

Daily Rundown

8:30 AM—12:00 PM

- 5A** Migration & Regional Demography (Eldorado A)
- 5B** Social Interaction in Regions (Eldorado B)
- 5C** Economic Development & Sustainable Growth (I) (Zia A)
- 5D** Human Capital, Education, & Labor Market (II) (Zia B)

1:30 PM—5:00 PM

- 6A** Transportation & Mobility (II) (Eldorado A)
- 6B** Environment, Livability, & Resilience (III) (Eldorado B)
- 6C** Housing, Real Estate, Urban Policies (III) (Zia A)

Saturday, 8:30 AM—12:00 PM
Paper Session 5A ~ Eldorado A
Migration & Regional Demography
Chair: Mark Brown, Statistics Canada

8:30—9:15

Residential Mobility in Mid- to Late-Life in Canada: A Longitudinal Analysis from the Canadian Longitudinal Study on Aging.

Bruce NEWBOLD, McMaster Univ., Somayeh GHAZALBASH, McMaster University, Manaf ZARGOUSH, McMaster University

Discussant: John CARRUTHERS, Cornell University

9:15—10:00

From South to North ... and Beyond: Educational Selectivity and Migration Trajectories in Italy

Roberto BASILE, University of Rome "Sapienza", Francesca CENTOFANTI, University of Rome Tor Vergata, Francesca LICARI, Italian National Institute of Statistics

Discussant: Mark BROWN, Statistics Canada

Coffee Break: 10:00—10:30

10:30—11:15

Back to the Countryside? Remote Work and Counterurbanisation in Denmark and Sweden

Nino JAVAKHISHVILI-LARSEN, Aalborg University, Kent ELIASSON, Growth Analysis, Hans WESTLUND, Kyoto Univ., Japan

Discussant: David PLANE, Univ. Arizona

11:15—12:00

A New Spatial Measure of Population Concentration

Peter ROGERSON, Arizona State Univ.

Discussant: Rick CHURCH, Univ. California, Santa Barbara

Saturday, 8:30 AM—12:00 PM

Paper Session 5B ~ Eldorado B

Social Interaction in Regions

Chair: Ghislain GUEYE, Louisiana Tech Univ.

8:30—9:15

Social Capital for Healthy Aging in the EU: a regional inequality analysis

Ambra POGGI, Univ. Turin, Enza SIMEONE, University of Turin

Discussant: Luke MADDOCK, Colorado State University

9:15—10:00

Austerity and gender-based violence: insights from England and Wales

Maria Camila JIMENEZ AMAYA, Gran Sasso Science Institute, Daria DENTI, Gran Sasso Science Inst., Alessandra FAGGIAN, Gran Sasso Science Inst.

Discussant: Ghislain GUEYE, Louisiana Tech Univ.

Coffee Break: 10:00—10:30

10:30—11:15

The Smart City Era, Direction of Urban Planning Education: Changing Roles, Ethical Attitudes, and Considerations for the Curriculum

Songju LEE, Pusan National University, Minyeong PARK, PUSAN NATIONAL UNIVERSITY, Ji Yoon LEE, Pusan National University, Jung Eun KANG, PUSAN NATIONAL UNIVERSITY

Discussant: Eric HEIKKILA, Univ. Southern California

11:15—12:00

Too Far and Too Dangerous: How Consumers Respond to Travel Time and Crime

Yao-Yu CHIH, Texas State University

Discussant: Annie HSU, Indiana University Bloomington

Saturday, 8:30 AM—12:00 PM

Paper Session 5C ~ Zia A

Economic Development & Sustainable Growth (I)

Chair: Mouhcine GUETTABI, Univ. North Carolina

8:30—9:15

Regional effects of mining on income and income distribution under boom and bust

Rikard ERIKSSON, Department of Geography and CERUM, Sweden, Johan LUNDBERG, Centre for Regional Science (CERUM), Okke WESTERLUND, USBE, Umeå University

Discussant: Esther AGYEMANG-DUAH, Oregon State University

9:15—10:00

Spatial Spillovers and Technical Efficiency in the US Community Banks

Zhuyin LI, University of Chicago

Discussant: Alessandra DE RENZIS, Gran Sasso Science Inst.

Coffee Break: 10:00—10:30

10:30—11:15

The creative city: A micro-meso-macro approach

David Emanuel ANDERSSON, National Sun Yat-sen Univ.

Discussant: Keisuke KONDO, Research Inst. Economy, Trade and Industry

11:15—12:00

Urbanization without Industrialization: Evidence from US Bases in Okinawa

Ikuto AIBA, The University of Tokyo, Atsushi YAMAGISHI, Hitotsubashi University

Discussant: Mouhcine GUETTABI, Univ. North Carolina

Saturday, 8:30 AM—12:00 PM

Paper Session 5D ~ Zia B

Human Capital, Education, & Labor Market (II)

Chair: Matthew BERMAN, Univ. of Alaska

8:30—9:15

STEM Talent Agglomeration in U.S. Superstar Cities

Marian MANIC, South Carolina Revenue and Fiscal Affairs Office, Doug WOODWARD, University of South Carolina, William HAUKE, Univ. South Carolina, Joseph VON NESSEN, University of South Carolina

Discussant: Kateryna TKACH, Gran Sasso Science Institute

9:15—10:00

An Empirical Investigation to Improve Child Adoption Practices: New Realities, New Solutions

Brian MEEHAN, Berry College, Simon HAKIM, Temple University

Discussant: Christian GONZALEZ CUATIANQUIS, Gran Sasso Science Institute

Coffee Break: 10:00—10:30

10:30—11:15

Economics of Career Development Decisions

Ahsan KIBRIA, University of Idaho, Krista SORIA, University of Idaho

Discussant: Alessandra FAGGIAN, Gran Sasso Science Inst.

11:15—12:00

Mutual Information of Inventor Teams and Climate Change Adaptation Inventions

Deborah STRUMSKY, Jonkoping University

Discussant: Matthew BERMAN, Univ. of Alaska

Saturday, 1:30 PM—5:00 PM

Paper Session 6A ~ Eldorado A

Transportation & Mobility (II)

Chair: Do KIM, Cal Poly, Pomona

1:30—2:15

Wither logistics sprawl: Spatial dynamics of warehousing and distribution in California

Genevieve GIULIANO, Univ. Southern California, Seula LEE, Univ. Saskatchewan, First LAST, Institution

Discussant: Sungyop KIM, University of Missouri - Kansas City

2:15—3:00

Zero-Emission Drayage Trucking: Insights from California's Advanced Clean Fleets Regulation

Marlon BOARNET, Univ. Southern California, Genevieve GIULIANO, Univ. Southern California, Clemens PILGRAM, Kansas State University, Ruoyu CHEN, University of Southern California, Qifan SHAO, University of Southern California

Discussant: Seunghoon Oh, University of Illinois Springfield

Coffee Break: 3:00—3:30

3:30—4:15

An Alternative Spatial Analytic Approach for Estimating Evacuation Clearing Time

Rick CHURCH, Univ. California, Santa Barbara, Jiwon BAIK, UCSB, Alan MURRAY, University California, Santa Barbara

Discussant: Do KIM, Cal Poly, Pomona

4:15—5:00

National Trends and Regional Variations in Time Use, Travel Distance, and Teleworking Before and After COVID-19

Ming ZHANG, Univ. Texas at Austin

Discussant: Yuquan ZHOU, Univ. of Southern California

Saturday, 1:30 PM—5:00 PM

Paper Session 6B ~ Eldorado B

Environment, Livability, & Resilience (III)

Chair: Nyakundi MICHIEKA, California State Univ., Bakersfield

1:30—2:15

Maternal Health Policy Diffusion and Institutional Pathways in the United States

Bingshun YUAN, Penn State Harrisburg, Sujeong PARK, Pennsylvania State Univ.

Discussant: Zhongqi ZHENG, Univ. California, Santa Barbara

2:15—3:00

Warehousing and Urban Heat in California's Inland Empire: A Geographically Weighted Machine Learning Approach

Xijing LI, California State Polytech University at Pomona, Nicole LAMBROU, California State Polytech University at Pomona

Discussant: Richard ACQUAH-SARPONG, Oregon State University

Coffee Break: 3:00—3:30

3:30—4:15

The Impact of On-Site Sewage Disposal Systems on Residential Property Transactions: Evidence from Hawai'i

Joseph ESHUN, UHM, Tanya DREIZIN, UHM, Nori TARUI, Univ. Hawai'i at Mānoa, Makena COFFMAN, Univ. Hawaii at Manoa

Discussant: Steven PIPER, Colorado School Mines

4:15—5:00

Clearing the Air: The Complex Relationship Between Truck Emissions, NO_x Reductions, and Ozone Formation in Bogotá

Phillip LEE, University of Southern California, Jorge BONILLA LONDOÑO, Universidad de los Andes Colombia

Discussant: So Young SOHN, Yonsei Univ., Republic of Korea

Saturday, 1:30 PM—5:00 PM

Paper Session 6C ~ Zia A

Housing, Real Estate, Urban Policies (III)

Chair: David PLANE, Univ. Arizona

1:30—2:15

Game-Theoretic Interpretation for Commercial Gentrification Countermeasures: A Theoretical Approach Based on the Repeated Prisoner's Dilemma Game

Jaheon KOO, Seoul National Univ., In Kwon PARK, Seoul National University

Discussant: Arnab DUTTA, Univ. Southern California

2:15—3:00

Leasehold Status and Apartment Prices: Exploring Price Efficiency and Optimal-Choices Among Housing Cooperatives

Arvid BOBERG, KTH, Herman DONNER, KTH Royal Institute of Technology, Jakob METSALO, KTH

Discussant: Judy (Seoyoon) KANG, Oregon State University

Coffee Break: 3:00—3:30

3:30—4:15

Zoning and Segregation in Principal Cities and Suburbs: Another Look At The Examples Of Houston And Dallas, Texas

Elijah KNAAP, University of California, Irvine

Discussant: Clemens PILGRAM, Kansas State University

4:15—5:00

An Analysis of Hispanic Homeownership Attainment in the United States: Native vs Foreign Born Hispanic

David FLORES MOCTEZUMA, University of Southern California

Discussant: David PLANE, Univ. Arizona

Index to Participants

Roman typeface (regular font) indicates a paper author, panelist, or speaker; **Boldface** indicates a session **chair**; *Italics* indicate a paper *discussant*.

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