



Western Regional Science Association

63rd Annual Meeting

Hyatt Regency Monterey | Monterey, California
Feb 11th–14th, 2024

Welcome to the Monterey and the 63rd Annual Meeting of Western Regional Science Association! We have got fantastic few days in store for you!

Everything you need to know about the meeting is contained in the following pages. Before diving in, though, take some time to familiarize yourself with our session etiquette guidelines on page 3. The Program Participant Index on page 17 will help you locate your program assignments. As always, late program changes have occurred; **be sure to double-check your assignments** in case your original scheduling has shifted. You can also access our digital program using the QR code on page 19 or your name badge.

This year, our meeting gets going on Sunday afternoon in the Cypress 1 & 2 with the 13th Annual Lay James Gibson Opening Session. Join us in Pebble-Beach Ballroom and Monterey Terrace after the Opening Session for the Welcoming Reception and enjoy a beautiful Monterey sunset with your friends!!

On Monday night, please join us in the Pacific-Grove Ballroom for the 11th Annual Getis-Ord Lecture in Spatial Analysis, where this year's speaker, Genevieve Giuliano from University of Southern California, will be delivering a lecture on "In honor of Arthur Getis: Spatial Thinking Applied to Urban Goods Movement." Richard Church, from the University of California, Santa Barbara, will be the discussant. A reception for session attendees will follow the formal part of the session in Pebble-Beach Ballroom and Monterey Terrace.

Tuesday is a full day, not only with paper sessions but we also have our Annual Award Banquet Luncheon at midday in the Pacific-Grove Ballroom and the President's Reception in the evening that will be held at the Pebble-Beach Ballroom and Monterey Terrace. At the Luncheon, this year's incoming President, Eric J. Heikkila, will give his Presidential Address, and the Tiebout and Springer Prize winners will be announced.

A final reminder: when you pick up your meeting packet at the registration desk, along with your program and name badge, you should have received four colored tickets. Guard these carefully! You will use the BLUE ticket for the Welcoming Reception on Sunday evening. Your PINK ticket gives you entry to the Annual Award Banquet Luncheon on Tuesday—no ticket, no lunch! You will use the GREEN ticket for the Getis-Ord Lecture Reception on Monday night. Finally, the YELLOW ticket is good for your first drink at the President's Reception on Tuesday evening.

A hearty thanks to all of you, WRSA meeting participants.

Without you, the meeting wouldn't be what it is: *The Way Academic Life Should Be!*

Best wishes for a productive, memorable, and enjoyable meeting here in Monterey!





Sunday, 11 February

8:30 AM—7:00 PM

Registration (*Monterey Terrace*)

9:00 AM—3:00 PM

PySAL-WS Spatial Data Analysis with PySAL
(*Cypress 1*)

12:30 PM—3:30 PM

TRSA-ABC The Regional Science Academy-ABC
(*Cypress 2*)

4:30 PM—5:30 PM

LGOS The 13th Annual Lay J. Gibson
Opening Session
(*Cypress 1 & 2*)

5:30 PM—7:00 PM

Welcome Reception (*Pebble-Beach Ballroom*)



Sunday, 9:00 AM—3:00 PM

PySAL-WS ~ Cypress 1

Spatial Data Analysis and Econometrics with PySAL

Chair: Sergio REY, San Diego State Univ., USA

Open to all WRSA Attendees



Sunday, 12:30 PM—3:30 PM

TRSA-ABC ~ Cypress 2

The Regional Science Academy – ABC
Regional Science (RS)*Artificial Intelligence (AI)

Chairs: Peter BATEY, Univ. Liverpool, UK;

Kingsley HAYNES, George Mason Univ., Arlington, USA

12:30—2:15

Welcome and Introduction to ABC

Peter BATEY, Univ. Liverpool, UK

Man-Machine Interaction as a Digital Mirror Question: Will the Real Person Please Stand Up?

Karima KOURTIT, Open Univ., The Netherlands,

Peter NIJKAMP, Open Univ., The Netherlands

Job satisfaction and the ‘Great Resignation’: An exploratory machine learning analysis

Celbis GUNEY, Univ. Lyon, France, Pui-Hang WONG, Univ.

Maastricht, The Netherlands, Karima KOURTIT, Open Univ.,

The Netherlands, Peter NIJKAMP, Open Univ., The

Netherlands

Quantity and Quality: The Search for Truth in Regional Science

Laurie SCHINTLER, George Mason Univ., Arlington, USA

Coffee Break: 2:15—2:30

2:30—3:30

Artificial Intelligence Based Technologies and Economic Growth in a Creative Region

Amit BATBYAL, Rochester Inst. Technology, Rochester,

USA, Karima KOURTIT, Open Univ., The Netherlands,

Peter NIJKAMP, Open Univ., The Netherlands

Roundtable on: Ways Forward in RS*AI

Laurie SCHINTLER, George Mason Univ., Arlington, USA,

David PLANE, Univ. Arizona, Tucson, USA,

Peter BATEY, Univ. Liverpool, UK

Sunday, 4:30—5:30 PM

Cypress 1 & 2



The 13th Annual Lay James Gibson Opening Session

Chair: Makena COFFMAN

Univ. Hawai‘i at Mānoa, USA

64th WRSA President (2023–2024)

Sunday, 5:30—7:00 PM

Welcoming Reception

Pebble-Beach Ballroom

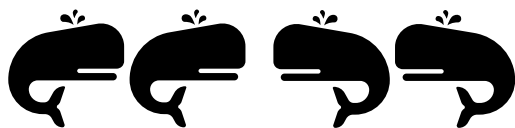


*For all participants and accompanying persons:
Everyone welcome!*

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.

Thanks!



Submitting Papers to:



The Annals of Regional Science

Annual Meeting participants are cordially invited to submit their papers to WRSA's official journal, *The Annals of Regional Science*. The co-editors, Brian H.S. Kim and Janet Kohlhasse, are here in Waikoloa and will be happy to discuss potential submissions.



Monday, 12 February

8:00 AM—5:00 PM

Registration (*Mark Thomas Foyer*)

8:30 AM—12:00 PM

1A Location & Economic Development (I)

(*Big Sur 1*)

1B Environmental Issues & Natural Resources (I)

(*Big Sur 2*)

1C Transportation, Remote Work, & Commuting (I)

(*Big Sur 3*)

1D GIS & Spatial Modeling

(*Cypress 1*)

1E Population, Migration, & Labor Market (I)

(*Cypress 2*)

1:30 PM—5:00 PM

2A Location & Economic Development (II)

(*Big Sur 1*)

2B Public Services, Equity, & Race

(*Big Sur 2*)

2C Agriculture & Rural and Community

Development (I)

(*Big Sur 3*)

2D Disaster, Environment, & Resilience (I)

(*Cypress 1*)

2E Housing, Community, & Policy (I)

(*Cypress 2*)

5:15 PM—6:45 PM

GOSA The 11th Annual Getis-Ord Lecture
in Spatial Analysis
(*Pacific-Grove Ballroom*)

7:00 PM—8:30 PM

Getis-Ord Lecture Reception
(*Pebble-Beach Ballroom*)

Monday, 1:30–3:00 PM

WRSA Board of Directors Meeting

(By invitation only)

Cypress 3



Convenor: Jaewon Lim,
Univ. Nevada, Las Vegas, Nevada, USA,
WRSA Executive Director



Monday, 8:30 AM—12:00 PM
Paper Session 1A ~ Big Sur 1
Location & Economic Development (I)

Chair: Makena COFFMAN
 Univ. Hawai'i at Mānoa, USA

8:30—9:15

The Economic Impact of a Casino Monopoly: Evidence from Atlantic City

Adam SCAVETTE, Federal Reserve Bank, Richmond, USA

Discussant: Karl R GEISLER, Idaho State Univ.,
 Pocatello, USA

9:15—10:00

Population age structure -- An underlying driver of national, regional and urban economic development

Anders MALMBERG, Uppsala Univ., Sweden, Bo

MALMBERG, Stockholm Univ., Sweden, Peter

MASKELL, Copenhagen Business School, Denmark

Discussant: Mark BROWN, Statistics Canada, Canada

Coffee Break: 10:00—10:30

10:30—11:15

Corruption and Imperfect Information: An Agent-Based Model with Insights from Indonesia

Yuri MANSURY, Illinois Inst. Technology, Chicago, USA

Discussant: Younggeun EOM, Seoul National Univ.,
 Republic of Korea

11:15—12:00

CBD Legalization and Household Time: Evidence from the ATUS

Richard GEARHART, California State Univ., Bakersfield,

USA, Nyakundi MICHIEKA, California State Univ.,

Bakersfield, USA, Lyudmyla SONCHAK-ARDAN,

Susquehanna Univ., Selinsgrove, USA

Discussant: Makena COFFMAN, Univ. Hawai'i at
 Mānoa, USA



Monday, 8:30 AM—12:00 PM
Paper Session 1B ~ Big Sur 2
Environmental Issues & Natural Resources (I)

Chair: Marcus PENG
 Univ. Hawai'i at Mānoa, USA

8:30—9:15

Do China's Sponge City Projects Improve Urban Thermal Environments? A Quasi-experiment Based on the Synthetic Control Method

Yifu OU, The Univ. of Hong Kong, China, Anqi ZHANG,
 Central South Univ., China, Kyung-Min NAM, Univ. Hong
 Kong, China

Discussant: Laura GALLINA, Gran Sasso Science Inst.,
 Italy

9:15—10:00

Reliable Spatial Downscaling of PM2.5 Forecasts in Flexible Grids Using Deep Learning

Shiyan ZHANG, Penn State Univ., University Park, USA,

Manzhu YU, Penn State Univ., University Park, USA

Discussant: Boyeong PARK, Seoul National Univ.,
 Republic of Korea

Coffee Break: 10:00—10:30

10:30—11:15

How Can Cross-Sector Partnerships Be Made to Work Successfully? Lessons from the Mersey Basin Campaign (1985--2010)

Peter BATEY, Univ. Liverpool, UK

Discussant: Marcus PENG, Univ. Hawai'i at Mānoa,
 USA

11:15—12:00

Truth of RE100: Spatial autocorrelation and spatial outliers in perspective of regional renewable electricity availability and regional RE100 participation rate

Geon Hyeok CHUN, Yonsei Univ., Republic of Korea, So

Young SOHN, Yonsei Univ., Republic of Korea

Discussant: Aaron COLLETTA, Univ. Nevada, Las
 Vegas, USA



Monday, 8:30 AM—12:00 PM
Paper Session 1C ~ Big Sur 3
Transportation, Remote Work, & Commuting (I)

Chair: Jean-Claude THILL

Univ. North Carolina at Charlotte, USA

8:30—9:15

Exploring the Effects of Monetary and Time Cost on Travel Mode Choice: A Study of Transit and Ridehailing in California

Marlon BOARNET, Univ. Southern California, Los Angeles,

USA, Qifan SHAO, Univ. Southern California, Los Angeles,

USA, Clemens PILGRAM, Univ. Southern California, Los

Angeles, USA

Discussant: Kihyun KWON, Univ. California, Davis,
 USA

9:15—10:00

Long distance commuting among high skilled employees before and during Covid-19

Pia NILSSON, Jönköping International Business School,

Sweden, Hans WESTLUND, KTH Royal Inst. Technology,

Sweden, Eleanor JOHANSSON, The Swedish Univ.

Agricultural Sciences, Sweden, Johan P. LARSSON, Univ.

Cambridge, UK, Lucia NALDI, Jonkoping International
 Business School, Sweden

Discussant: Jean-Claude THILL, Univ. North Carolina
 at Charlotte, USA

Coffee Break: 10:00—10:30

10:30—11:15

A Comparative Analysis of Intra-City and Inter-City Truck Movement Using GPS Trajectory Data: A Case Study in Hubei Province, China

Wrenwen WANG, Tongji Univ., China, Qisheng PAN, Univ.

Texas, Arlington, USA

Discussant: Chang Gyu CHOI, Hanyang Univ.,
 Republic of Korea



Monday, 8:30 AM—12:00 PM
Paper Session 1D ~ Cypress 1
GIS & Spatial Modeling
 Chair: Sergio REY
 San Diego State Univ., USA

8:30—9:15

Regional Analytics in the Assessment of Compactness
 Alan MURRAY, Univ. California, Santa Barbara, USA
 Discussant: Michael LAHR, Rutgers Univ., New Brunswick, USA

9:15—10:00

Spatial Econometrics Modelling of US COVID-19 Stringency Measures
 John DOGBEY, Louisiana Tech Univ., Ruston, USA,
 Ghislain GUEYE, Louisiana Tech Univ., Ruston, USA,
 Jonathan PETERSON, Louisiana Tech Univ., Ruston, USA
 Discussant: Sergio REY, San Diego State Univ., USA

Coffee Break: 10:00—10:30

10:30—11:15

The Effect of New Light Rail on Residential Rents: Causal Inference in Spatial Policy Analysis
 Elijah KNAAP, San Diego State Univ., USA
 Discussant: Steven PIPER, Colorado School Mines, Golden, USA

11:15—12:00

Measuring Effectiveness of Cleaner Trucks on Addressing Environmental Justice Using Difference-in-Differences
 Gina Yeonkyeong Park, Cornell Univ., Ithaca, USA
 Discussant: Rich RYAN, California State Univ., Bakersfield, USA



Monday, 8:30 AM—12:00 PM
Paper Session 1E ~ Cypress 2
Population, Migration, & Labor Market (I)
 Chair: David PLANE
 Univ. Arizona, Tucson, USA

8:30—9:15

Tracking the Peacocks: A Gravity Analysis of the Chinese migration System, 1990 -- 2020
 Yu WANG, Rutgers Univ., New Brunswick, USA, Sainan LIN, Wuhan Univ., China, John CARRUTHERS, Cornell Univ., Ithaca, USA
 Discussant: Dylan SKRAH, San Diego State Univ., USA

9:15—10:00

The Relationship of Demography, Mortality, and Tax Policy in Economic Growth
 Shoichi HISA, Kanagawa Univ., Japan, Yuko HISA, Teikyo Univ., Japan
 Discussant: Alessandra FAGGIAN, Gran Sasso Science Inst., Italy

Coffee Break: 10:00—10:30

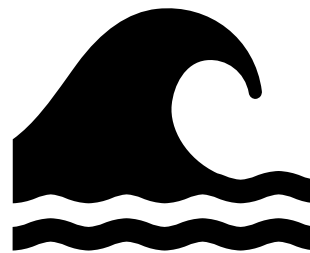
10:30—11:15

Are poor households different: Evidence from residential mobility decisions
 William CLARK, Univ. California, Los Angeles, USA,
 William LISOWSKI, Independent Scholar, USA
 Discussant: David PLANE, Univ. Arizona, Tucson, USA

11:15—12:00

Effectiveness of Regional Growth Center for Reducing Inequality: Case of New Administrative Capital & Innovation Cities in South Korea
 Daeyoung KWON, Univ. Nevada, Las Vegas, USA, Jaewon LIM, Univ. Nevada, Las Vegas, USA, Soojung HA, Korea Research Inst. for Human Settlements, Republic of Korea
 Discussant: Sharmistha BAGCHI-SEN, Arizona State Univ., Tempe, USA

Monday, 12:00—1:30 PM
Lunch Break (On your own this day)



Monday, 1:30 PM—5:00 PM
Paper Session 2A ~ Big Sur 1
Location & Economic Development (II)
 Chair: Steven CRAIG
 Univ. Houston, USA

1:30—2:15

The Dominance of Regional Fixed Effects in FDI Location
 William HAUKE, Univ. South Carolina, Columbia, USA,
 Alexandra TROIDL, Univ. South Carolina, Columbia, USA,
 Doug WOODWARD, Univ. South Carolina, Columbia, USA
 Discussant: Alan MURRAY, Univ. California, Santa Barbara, USA

2:15—3:00

We are happy together. Exploring tourists' and residents' (dis)satisfaction in the demilitarized zone border area of Korea
 Yoon Young KIM, Seoul National Univ., Republic of Korea,
 Tae-Hyoung Tommy GIM, Seoul National Univ., Republic of Korea

Discussant: Steven CRAIG, Univ. Houston, USA

Coffee Break: 3:00—3:30

3:30—4:15

Cultural Individualism and Post-industrial Development
David Emanuel ANDERSSON, National Sun Yat-sen Univ.
Taiwan

Discussant: Karima KOURTIT, Open Univ., The
Netherlands

4:15—5:00

**Verification of the Relationship between Creative Class and
Policy-Industry Ripple Effects: A case study of Innovation
Cities, Naju and Jinju**

Youngeun EOM, Seoul National Univ., Republic of Korea,
Ye-Young KIM, Seoul National Univ., Republic of Korea,
Young-Sung LEE, Seoul National Univ., Republic of Korea

Discussant: Peter NIJKAMP, Open Univ., The
Netherlands



Monday, 1:30 PM—5:00 PM
Paper Session 2B ~ Big Sur 2
Public Services, Equity, & Race

Chair: Hee-Jung JUN

Sungkyunkwan Univ., Republic of Korea

1:30—2:15

**Equal Justice Under Law? Local Justice Quality and
Crimes**

Daria DENTI, Gran Sasso Science Inst., Italy, Marco DI
CATALDO, Università Ca' Foscari, Italy

Discussant: Hee-Jung JUN, Sungkyunkwan Univ.,
Republic of Korea

2:15—3:00

**White prototypicality threats, diversity inequality, and
collective goods provisions**

Abu Bakkar SIDDIQUE, Florida Atlantic Univ., Boca
Raton, USA

Discussant: JongSoo LEE, Univ. Kansas, Lawrence,
USA

Coffee Break: 3:00—3:30

3:30—4:15

**How Does International Recognition Shape Public Service
Motivation? Evidence from Survey Experiments**

Don S. LEE, Sungkyunkwan Univ., Republic of Korea,
Kee Hoon CHUNG, Univ. Ulsan, Republic of Korea
Discussant: William CLARK, Univ. California, Los
Angeles, USA

4:15—5:00

**Spatial Analyses of Child Maltreatment Allegations during
Covid-19 of 2020**

Vicky ALBERT, Univ. Nevada, Las Vegas, USA, Jaewon
LIM, Univ. Nevada, Las Vegas, USA

Discussant: Annie HSU, Indiana Univ. Bloomington,
USA



Monday, 1:30 PM—5:00 PM

Paper Session 2C ~ Big Sur 3

Agriculture &

Rural and Community Development (I)

Chair: Yuting HOU

The Hong Kong Polytechnic Univ., China

1:30—2:15

**Upholding Household Agency in Climate Mitigation and
Socio-Technical Energy Transition in Ethiopia**

Yujin LEE, Cornell Univ., Ithaca, USA, Chuan LIAO,
Cornell Univ., Ithaca, USA

Discussant: Luca CATTANI, Gran Sasso Science Inst.,
Italy

2:15—3:00

**Amenity Alchemy: Unveiling the Dual Nature of Amenities
in Shaping Regional Futures**

Yong CHEN, Oregon State Univ., Corvallis, USA, Myungjin
KIM, Kyungpook National Univ., Republic of Korea

Discussant: Jeong-Il PARK, Keimyung Univ., Republic
of Korea

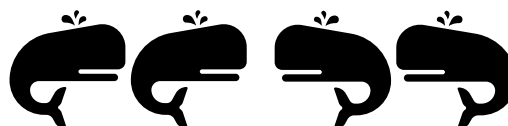
Coffee Break: 3:00—3:30

3:30—4:15

**Neighborhood Fragmentation Dynamics: A Comparative
Perspective**

Dylan SKRAH, San Diego State Univ., USA, Univ.
California, Santa Barbara, USA, Sergio REY, San Diego
State Univ., USA

Discussant: Yuting HOU, The Hong Kong Polytechnic
Univ., China



Monday, 1:30 PM—5:00 PM

Paper Session 2D ~ Cypress 1

Disaster, Environment, & Resilience (I)

Chair: Johan KLAESSON

Jönköping International Business School, Sweden

1:30—2:15

**Nonemployer Businesses and Paycheck Protection
Program Loan Fraud: A Case Study**

Austin LANDINI, Univ. Missouri, Columbia, USA, Russell
SPEAR, Kennesaw State Univ., USA

Discussant: Hyun KIM, Chungnam National Univ.,
Republic of Korea

2:15—3:00

**Exploring the Role of Community Collaborative Networks
in Disaster Risk Reduction in Korea**

Yeon-Woo CHOI, Yonsei Univ., Republic of Korea, Dong
Keun YOON, Yonsei Univ., Republic of Korea

Discussant: Johan KLAESSON, Jönköping International
Business School, Sweden

Coffee Break: 3:00—3:30

3:30—4:15

The Impact of Wildfires on the Regional Economy: From the Spatial Equilibrium Perspective

Sowon KIM, Ohio State Univ., Columbus, USA, Yixuan WANG, Ohio State Univ., Columbus, USA, Seung-Hun CHUNG, Cornell Univ., Ithaca, USA

Discussant: Jiakai ZHANG, New Mexico Tech, Socorro, USA

4:15—5:00

The coupling coordination degree analysis among sub-indices of urban resilience to the heatwave in South Korea

Joohwan KIM, Seoul National Univ., Republic of Korea, Donghwan AN, Seoul National Univ., Republic of Korea, Jeongha HWANG, Seoul National Univ., Republic of Korea, Dongwook BAE, Seoul National Univ., Republic of Korea, Kwansoo KIM, Seoul National Univ., Republic of Korea

Discussant: Marco MODICA, Gran Sasso Science Inst., Italy



***Monday, 1:30 PM—5:00 PM
Paper Session 2E ~ Cypress 2
Housing, Community, & Policy (I)***

Chair: Steven DELLER
Univ. Wisconsin-Madison, USA

1:30—2:15

Multi-family Housing Development in Suburban Communities: Does It Contribute to Housing Affordability and Socioeconomic Diversity?

Sungyop KIM, Univ. Missouri-Kansas City, USA, Do KIM, Cal Poly, Pomona, USA

Discussant: Steven DELLER, Univ. Wisconsin-Madison, USA

2:15—3:00

Consumption of Housing under Rent Control

Herman DONNER, KTH Royal Inst. Technology, Sweden

Discussant: David FLORES MOCTEZUMA, Univ. Southern California, Los Angeles, USA

Coffee Break: 3:00—3:30

3:30—4:15

Channel Surfing: The Evolving Provision of New Housing Supply & Declining Elasticity

Clemens PILGRAM, Univ. Southern California, Los Angeles, USA, Christian REDFEARN, Univ. Southern California, Los Angeles, USA

Discussant: Seulki KIM, Seoul National Univ., Republic of Korea

4:15—5:00

Marriage Entry, Divorce and Marriage Restoration: The Unintended Consequence of the Home Purchase Restriction Policy

Zheng CHANG, Beijing Normal Univ.-Hong Kong Baptist Univ. United International College, China, Weifeng LI, The Univ. Hong Kong, China, Xin LI, City Univ. Hong Kong, China

Discussant: Yiming WANG, Univ. College London, UK

*Monday, 5:15—7:00 PM
Pacific-Grove Ballroom*



***The 11th Annual
Getis-Ord Lecture in Spatial Analysis***

Chair: Alan MURRAY
University of California, Santa Barbara, USA

***In honor of Arthur Getis:
Spatial Thinking
Applied to Urban Goods Movement***

Presented by:

Genevieve GIULIANO
Univ. Southern California, Los Angeles, USA

Discussant:

Richard CHURCH
University of California, Santa Barbara, USA

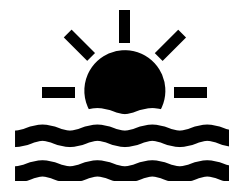
A reception will follow the lecture

Monday, 7:00 PM—8:30 PM

***Getis-Ord Lecture Reception
Pebble-Beach Ballroom***



*For all participants and accompanying persons:
Everyone welcome!*





Tuesday, 13 February

8:00 AM—6:00 PM

Registration (*Mark Thomas Foyer*)

8:30 AM—12:00 PM

3A Location & Economic Development (III)

(*Big Sur 1*)

3B Regional Models & Applications

(*Big Sur 2*)

3C Transportation, Remote Work, & Commuting

(*Big Sur 3*)

3D Disaster, Environment, & Resilience (II)

(*Cypress 1*)

3E Innovation & Growth

(*Cypress 2*)

3F The Regional Science Academy - SAS (I)

(*Cypress 3*)

12:00 PM—2:00 PM

AABL Annual Award Luncheon

(*Pacific-Grove Ballroom*)

2:30 PM—6:00 PM

4A Location & Economic Development (IV)

(*Big Sur 1*)

4B Environmental Issues & Natural Resources (II)

(*Big Sur 2*)

4C Public Health & Aging

(*Big Sur 3*)

4D Keith Schwer Memorial

Western States Economic Outlook

(*Cypress 1*)

4E Housing, Community, & Policy (II)

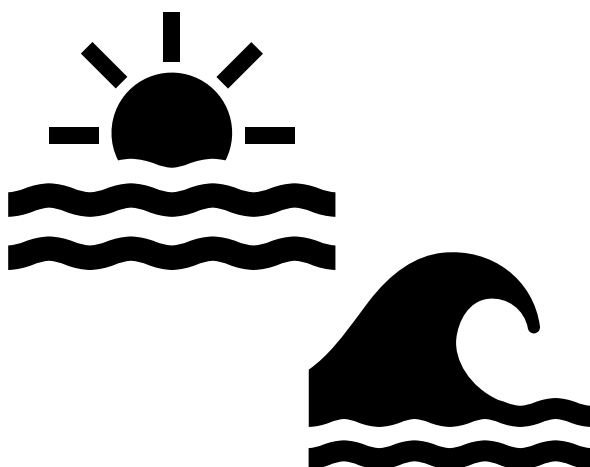
(*Cypress 2*)

4F The Regional Science Academy - SAS (II)

(*Cypress 3*)

6:00 PM—8:00 PM

President's Reception (*Pebble-Beach Ballroom*)



Tuesday, 8:30 AM—12:00 PM

Paper Session 3A ~ Big Sur 1

Location & Economic Development (III)

Chair: Juan Carlos LOPEZ

Univ. Denver, USA

8:30—9:15

The basic two-stage production problem of Weber

Rick CHURCH, Univ. California, Santa Barbara, USA

Discussant: Hildegunn STOKKE, Norwegian Univ.
Science and Technology, Norway

9:15—10:00

**The Effectiveness of Hiring Credits for Vulnerable
Workers by Region in Developing Economy**

Narae LEE, George Mason Univ., Arlington, USA

Discussant: Richard ACQUAH-SARPONG, Oregon
State Univ., Corvallis, USA

Coffee Break: 10:00—10:30

10:30—11:15

**Analysis of the Causal Relationship between Road
Development and Regional Economic Growth in South
Korea**

Euijune KIM, Seoul National Univ., Republic of Korea, I Re

CHUNG, Seoul National Univ., Republic of Korea

Discussant: Juan Carlos LOPEZ, Univ. Denver, USA

11:15—12:00

**Combining Productivity with Economic Resilience in
European Regions**

Giulia IANNONE, Gran Sasso Science Inst., Italy, Andrea

ASCANI, Gran Sasso Science Inst., Italy, Alessandra

FAGGIAN, Gran Sasso Science Inst., Italy, Alexandra

TSVETKOVA, OECD, Italy

Discussant: Meng YU, Ohio State Univ., Columbus,
USA



Tuesday, 8:30 AM—12:00 PM

Paper Session 3B ~ Big Sur 2

Regional Models & Applications

Chair: Geoffrey HEWINGS

Univ. Illinois, Urbana-Champaign, USA

8:30—9:15

**Estimating an Aggregate Model of Household Water
Demand**

Steven PIPER, Colorado School Mines, Golden, USA

Discussant: Ghislain GUEYE, Louisiana Tech Univ.,
Ruston, USA

9:15—10:00

**Revisiting Methods for Estimating Interregional Input-
Output Accounts: It's Not Just About Trade Flows**

Ana SARGENTO, Polytechnic Inst. Leiria, Portugal,

Michael LAHR, Rutgers Univ., New Brunswick, USA, João

FERREIRA, Univ. Virginia, Charlottesville, USA,

Fernando DE LA TORRE, Univ. Santiago de Compostela,
Spain

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

Coffee Break: 10:00—10:30

10:30—11:15

Intersectional Urban Dynamics: A Joint Markov Chains Approach

Sergio REY, San Diego State Univ., USA

Discussant: Gina Yeonkyeong PARK, Cornell Univ., Ithaca, USA

11:15—12:00

The Impact of the Global Market for Oil on Regional Economies

Rich RYAN, California State Univ., Bakersfield, USA,
Nyakundi MICHIEKA, California State Univ., Bakersfield, USA

Discussant: Elijah KNAAP, San Diego State Univ., USA



Tuesday, 8:30 AM—12:00 PM

Paper Session 3C ~ Big Sur 3

Transportation, Remote Work, & Commuting (II)

Chair: Brian H.S. KIM

Seoul National Univ., Republic of Korea

8:30—9:15

New evidence on mixed land use effect on non-work walking behavior in high density districts: A critical review of shopping and leisure walking time in Seoul, South Korea

Hyungun SUNG, Hanyang Univ., Republic of Korea,
Stephen RITCHIE, Univ. California, Irvine, USA, Soo Hyun KIM, Hanyang Univ., Republic of Korea, Gayoung WOO, Hanyang Univ., Republic of Korea, Chang Gyu CHOI, Hanyang Univ., Republic of Korea

Discussant: Yong CHEN, Oregon State Univ., Corvallis, USA

9:15—10:00

Transport-oriented built environment, accessibility, and the intra-urban spatial distribution of innovation activities in Hong Kong

Yuting HOU, The Hong Kong Polytechnic Univ., China,
Xiaohang RUAN, The Hong Kong Polytechnic Univ., China, Yuk Tai LAU, The Hong Kong Polytechnic Univ., China

Discussant: Qisheng PAN, Univ. Texas, Arlington, USA

Coffee Break: 10:00—10:30

10:30—11:15

Investigating the Characteristics of Public Electric Vehicle Charging Station: A case study of California

Kihyun KWON, Univ. California, Davis, USA

Discussant: Brian H.S. KIM, Seoul National Univ., Republic of Korea

11:15—12:00

Do more transport opportunities lead to higher income: The effects of public transit access on household income.

Yun LI, Ohio State Univ., Columbus, USA

Discussant: William HAUKE, Univ. South Carolina, Columbia, USA



Tuesday, 8:30 AM—12:00 PM

Paper Session 3D ~ Cypress 1

Disaster, Environment, & Resilience (II)

Chair: Janet KOHLHASE

Univ. Houston, USA

8:30—9:15

Can't Shake It Off. Earthquakes and hate manifestations in Italy.

Daria DENTI, Gran Sasso Science Inst., Italy, Alessandra FAGGIAN, Gran Sasso Science Inst., Italy, Marco MODICA, Gran Sasso Science Inst., Italy

Discussant: Sungyop KIM, Univ. Missouri-Kansas City, USA

9:15—10:00

Mitigating Displacement from Green Gentrification: Examining the Role of Housing Cost Control Measures

Soomi LEE, Univ. La Verne, USA

Discussant: Thea JANSEN, Gran Sasso Science Inst., Italy

Coffee Break: 10:00—10:30

10:30—11:15

Climate Gentrification and Green Infrastructure in the U.S. Great Lakes Region: Engaging with Heat Exposure and Adaptation Policy

Hyun KIM, Chungnam National Univ., Republic of Korea

Discussant: Janet KOHLHASE, Univ. Houston, USA

11:15—12:00

New Business Opportunities and Enhanced Resilience Resulting from Covid-19

Mark PARTRIDGE, Ohio State Univ., Columbus, USA,
Heather STEPHENS, West Virginia Univ., Morgantown, USA, Zack KEELER, Texas Tech Univ., Lubbock, USA

Discussant: Charlotta MELLANDER, Jönköping International Business School, Sweden

Notes



Tuesday, 8:30 AM—12:00 PM
Paper Session 3E ~ Cypress 2

Innovation & Growth

Chair: Bo MALMBERG
 Stockholm Univ., Sweden

8:30—9:15

The Effect of Firm-Level Investment on Inequality and Poverty around the World

Mehmet TOSUN, Univ. Nevada, Reno, USA, Ethan WATSON, Univ. North Carolina, Wilmington, USA, Serhat YILDIZ, Univ. Nevada, Reno, USA

Discussant: Nadeeka WEERASEKARA, Univ. Idaho, Boise, USA

9:15—10:00

The effect of regional differences in knowledge stock on interdisciplinary knowledge creation capacity and innovation performance: the case of smart health innovation

Eunji JEON, Yonsei Univ., Republic of Korea, So Young SOHN, Yonsei Univ., Republic of Korea

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

Coffee Break: 10:00—10:30

10:30—11:15

Emergence and Persistence of The Catheter Industry in a Small Nonurban Region

Peter ROGERSON, Arizona State Univ., Tempe, USA

Discussant: Richard GEARHART, California State Univ., Bakersfield, USA

11:15—12:00

Green will tear us apart, again

Luca CATTANI, Gran Sasso Science Inst., USA, Sandro MONTRESOR, Gran Sasso Science Inst., USA, Giulio PEDRINI, Kore Univ. Enna, Italy

Discussant: Bo MALMBERG, Stockholm Univ., Sweden



Tuesday, 8:30 AM—12:00 PM
Paper Session 3F ~ Cypress 3

**The Regional Science Academy - SAS (I)
 The 15-Minute City: A Space-Time Dilemma**

Chairs: Neil REID, Univ. Toledo, USA

John CARRUTHERS, Cornell Univ., Ithaca, USA

8:30—9:00

15-Minute Cities or X-Minute Cities?

Carlos MORENO, Univ. Paris 1 Panthéon Sorbonne, France

9:00—9:30

American Dreams on the 15-Minute City

Kara KOCKELMAN, Univ. Texas, Austin, USA

9:30—10:00

European Dreams on the 15-Minute City

Daniela CONSTANTIN, Univ. Bucharest, Romania

Coffee Break: 10:00—10:30

10:30—11:15

Ideal and Reality of the 15-Minute City: Empirical Analysis on Dutch Cities

Karima KOURTIT, Open Univ., The Netherlands, Peter NIJKAMP, Open Univ., The Netherlands

11:15—12:00

TRSA Table Talk: The Urban Future - High Speed vs. Slow Motion?

Marlon BOARNET, Univ. Southern California, Los Angeles, USA, Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA, Hans WESTLUND, KTH Royal Inst. Technology, Sweden

And What About Next Year, You Ask?

Already thinking about WRSA 2025?

For our 64th Annual Meeting, WRSA goes to **Las Vegas, NV**. It will be our 2nd meeting in Las Vegas since the last meeting in 1967, 58 years ago.

Next year's conference will be hosted at the Hilton Lake Las Vegas Hotel and Spa in Henderson, a quiet suburban city away from the famous Las Vegas Strip, but still close within 25 minutes.

Our meeting dates are Wednesday, **February 12th** to Saturday, the 15th. (Our room rate is \$219 plus applicable taxes, reduced resort fee!!).

Full meeting details will be shared in the months to come.

We look forward to seeing your full papers submitted by October 15, 2024 and we look forward to welcoming you to Las Vegas!

Notes

WRSA Meeting History

62 nd	Hilton Waikoloa Village Resort, Hawaii, HI (2023)
61 st	The Scott Resort & Spa, Scottsdale, AZ (2022)
60 th	Virtual through ZOOM Meetings (2021)
59 th	Canceled due to COVID-19 Pandemic (2020)
58 th	Napa Marriott, Napa Valley, CA (2019)
57 th	Hilton Pasadena, Pasadena, CA (2018)
56 th	La Fonda on the Plaza, Santa Fe, NM (2017)
55 th	Hilton Waikoloa Village, Hawaii, HI (2016)
54 th	Loews Ventana Canyon Resort, Tucson, AZ (2015)
53 rd	Paradise Point Resort, San Diego, CA (2014)
52 nd	Fess Parker's Doubletree, Santa Barbara, CA (2013)
51 st	Sheraton Kauai, Poipu, HI (2012)
50 th	Monterey Plaza Hotel, Monterey, CA (2011)
49 th	Hilton Sedona, Sedona, AZ (2010)
48 th	Silverado Resort, Napa, CA (2009)
47 th	Hilton Waikoloa Village Resort, Hawaii, HI (2008)
46 th	Hyatt Regency, Newport Beach, CA (2007)
45 th	La Fonda, Santa Fe, NM (2006)
44 th	Hyatt Regency Islandia, San Diego, CA (2005)
43 rd	Marriott Wailea Resort, Maui, HI (2004)
42 nd	Rio Rico Resort, Rio Rico, AZ (2003)
41 st	Hyatt Regency Monterey, Monterey, CA (2002)
40 th	Riviera Resort & Racquet Club, Palm Springs, CA (2001)
39 th	Sheraton Kauai Resort, Poipu, HI (2000)
38 th	Ojai Valley Inn, Ojai, CA (1999)
37 th	Hyatt-Regency Monterey, Monterey, CA (1998)
36 th	The Royal Waikoloan Resort, Waikoloa, HI (1997)
35 th	Silverado Country Club and Resort, Napa, CA (1996)
34 th	San Diego Princess Resort, San Diego, CA (1995)
33 rd	Westward Look Resort, Tucson, AZ (1994)
32 nd	Maui Inter-Continental Resort, Wailea, Maui, HI (1993)
31 st	Caesar's Tahoe Resort, South Lake Tahoe, NV (1992)
30 th	Monterey Plaza Hotel, Monterey, CA (1991)
29 th	Kaluokoi Hotel, Molokai, HI (1990)
28 th	San Diego Princess Resort, San Diego, CA (1989)
27 th	Silverado Country Club, Napa, CA (1988)
26 th	Kona Surf Resort, Keauhou, Hawaii, HI (1987)
25 th	Surf and Sand Hotel, Laguna Beach, CA (1986)
24 th	Hotel Del Coronado, Coronado (San Diego), CA (1985)
23 rd	Casa Munras Hotel, Monterey, CA (1984)
22 nd	The Prince Kuhio Hotel, Honolulu, HI (1983)
21 st	Miramar Hotel, Santa Barbara, CA (1982)
20 th	Newporter Inn, Newport Beach, CA (1981)
19 th	Doubletree Inn, Monterey, CA (1980)
18 th	Vacation Village Hotel, San Diego, CA (1979)
17 th	Mansion Inn, Sacramento, CA (1978)
16 th	Doubletree Inn, Tucson, AZ (1977)
15 th	Vacation Village Hotel, San Diego, CA (1976)
14 th	The Riviera Hotel, Palm Springs, CA (1975)
13 th	Edgewater Hyatt House, Long Beach, CA (1974)
12 th	Del Monte Hyatt House, Monterey, CA (1973)
11 th	Vacation Village Hotel, San Diego, CA (1972)
10 th	Santa Barbara Biltmore Hotel, Santa Barbara, CA (1971)
9 th	Vacation Village Hotel, San Diego, CA (1970)
8 th	Newporter Inn, Newport Beach, CA (1969)
7 th	Vacation Village Hotel, San Diego, CA (1968)
6 th	(Meeting site unknown), Las Vegas, NV (1967)
5 th	Santa Barbara Inn, Santa Barbara, CA (1966)
4 th	Meeting site and dates unknown (1965)
3 rd	Student Union, Arizona State Univ., Tempe, AZ (1964)
2 nd	Student Union, Univ. Oregon, Eugene, OR (1963)
1 st	Univ. California, Berkeley, Berkeley, CA (1962)

The 63 Past Presidents of WRSA

1 st	1960–1961	William Golder
2 nd	1961–1962	Morgan D. Thomas
3 rd	1962–1963	James N. Tattersall
4 th	1963–1964	William S. Peters
5 th	1964–1965	John W. Dyckman
6 th	1965–1966	Charles M. Tiebout
7 th	1966–1967	Fred E. Case
8 th	1967–1968	Paul F. Wendt
9 th	1968–1969	Harold L. Buma
10 th	1969–1970	Bernard Udis
11 th	1970–1971	Edward L. Ullman
12 th	1971–1972	Anthony H. Pascal
13 th	1972–1973	Donald A. Watson
14 th	1973–1974	Charles L. Leven
15 th	1974–1975	Shelly Mark
16 th	1975–1976	Frank G. Mittelbach
17 th	1976–1977	Martin Beckmann
18 th	1977–1978	Parzival Copes
19 th	1978–1979	David Seymour
20 th	1979–1980	Werner Hirsch
21 st	1980–1981	Lee Attaway
22 nd	1981–1982	Niles Hansen
23 rd	1982–1983	Sol Rabin
24 th	1983–1984	Robert Keyes
25 th	1984–1985	Nina Gruen
26 th	1985–1986	Jack Knetsch
27 th	1986–1987	Gunter Schramm
28 th	1987–1988	Bernard Malamud
29 th	1988–1989	Harry W. Richardson
30 th	1989–1990	Paul E. Polzin
31 st	1990–1991	Michael J. Greenwood
32 nd	1991–1992	Kingsley E. Haynes
33 rd	1992–1993	Theodore Lane
34 th	1993–1994	Richard L. Morrill
35 th	1994–1995	John E. Keith
36 th	1995–1996	Antoine S. Bailly
37 th	1996–1997	Jon R. Miller
38 th	1997–1998	Jack C. Stabler
39 th	1998–1999	Lay James Gibson
40 th	1999–2000	Arthur Getis
41 st	2000–2001	John M. Quigley
42 nd	2001–2002	Brenda Moscovice
43 rd	2002–2003	Roger Stough
44 th	2003–2004	Koichi Mera
45 th	2004–2005	Juanita Liu
46 th	2005–2006	Lee Huskey
47 th	2006–2007	Jack W. Osman
48 th	2007–2008	Geoffrey J. D. Hewings
49 th	2008–2009	T. John Kim
50 th	2009–2010	David W. Holland
51 st	2010–2011	Robert J. Stimson
52 nd	2011–2012	Warren Gill
53 rd	2012–2013	Peter Gordon
54 th	2013–2014	Hans Westlund
55 th	2014–2015	Serge Rey
56 th	2015–2016	K. Bruce Newbold
57 th	2016–2017	David A. Plane
58 th	2017–2018	Alan Murray
59 th	2018–2019	Matthias Ruth
60 th	2019–2020	Genevieve Giuliano
61 st	2020–2021	Janet E. Kohlhasse
62 nd	2021–2022	Richard Church
63 rd	2022–2023	Terry Clower



Tuesday, 12:00 PM–2:00 PM
Annual Award Banquet Luncheon

Pacific-Grove Ballroom

Chair: Makena COFFMAN
 Univ. Hawai'i at Mānoa, USA
 64th WRSa President (2023-2024)

Announcements:

Jaewon LIM, WRSa Executive Director

The 28th Springer-Verlag Prize:

Brian H.S. KIM & Janet KOHLHASE
 Editors, *The Annals of Regional Science*

The 38th Charles M. Tiebout Prize:

Presented by: Richard Church
 Chair 2023–2024 Reading Committee
 62nd WRSa President (2021-2022)

Presidential Address:

FURS: Fuzzy Urban and Regional Sets

Eric J. HEIKKILA
 Univ. Southern California
 65th WRSa President (2024-2025)

**Many Thanks to the 2023-2024
 Program Committee!**

Mark Brown, Statistics Canada
 John Carruthers, George Washington Univ.
 Zhenhua Chen, Ohio State Univ.
 Sandy Dall Erba, Univ. Illinois at Urbana-Champaign
 Alessandra Faggian, Gran Sasso Science Inst.
 Rachel S. Franklin, Newcastle Univ.
 Karl Geisler, Idaho State Univ.
 Geoffrey Hewings, Univ. Illinois at Urbana-Champaign
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 Jae Hong Kim, Univ. California, Irvine
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 Elijah Knaap, San Diego State Univ.
 Soomi Lee, Univ. La Verne
 Juan Carlos Lopez, Univ. Denver
 Yuri Mansury, Illinois Inst. Technology
 Nyakundi Michieka, California State Univ., Bakersfield
 Bruce Newbold, McMaster Univ.
 Yasuhide Okuyama, Univ. Kitakushu
 David Plane, Univ. Arizona
 Daoqin Tong, Arizona State Univ.
 Ran Wei, Univ. California, Riverside

Co-Chairs:

Makena COFFMAN, Univ. Hawai'i at Mānoa, USA
 Eric J. HEIKKILA, Univ. Southern California

Chair:

Jaewon Lim, Univ. Nevada, Las Vegas



Western Regional Science Association
Officers for the 2023–2024 Year

President:

Makena Coffman, Univ. Hawai'i at Mānoa, USA

President-Elect:

Eric Heikkila, Univ. Southern California, USA

Vice President:

Euijune Kim, Seoul National Univ., Republic of Korea

Immediate Past President:

Terry Clower, George Mason Univ., USA

Executive Director:

Jaewon Lim, Univ. Nevada, Las Vegas, USA

WRSa's PRSCO Councilors:

Terry Clower, Lay James Gibson,
 Jaewon Lim, David Plane

WRSa's NARSC Councilor:

Jaewon Lim

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 Lay James Gibson, Univ. Arizona
 Michael Greenwood, Univ. Colorado, Boulder
 Kingsley Haynes, George Mason Univ.
 Geoffrey J.D. Hewings, Univ. Illinois, Urbana-Champaign
 T. John Kim, Univ. Illinois, Urbana-Champaign
 Theodore Lane, Thomas Lane & Assoc.
 Richard Morrill, Univ. Washington
 Jack Osman, San Francisco State Univ.
 Jean Paelinck, Erasmus Univ.
 David Plane, Univ. Arizona
 Sergio Rey, San Diego State Univ.
 Hans Westlund, KTH Royal Inst. Technology

* *ex officio*, *Annals* editors



Tuesday, 2:30 PM—6:00 PM

Paper Session 4A ~ Big Sur 1

Location & Economic Development (IV)

Chair: Terry CLOWER

George Mason Univ., Arlington, USA

2:30—3:15

Towards a New Direction on Integrated Land Use Transportation Models: A Prototype Application of ELUENT as an Innovative Model

Ard ANJOMANI, Univ. Texas at Arlington, USA

Discussant: Tae-Hyoung Tommy GIM, Seoul National Univ., Republic of Korea

3:15—4:00

Spatial sorting in transportation land use: longitudinal evidence from China High-speed rail development

Meng YU, Ohio State Univ., Columbus, USA, Mark

PARTRIDGE, Ohio State Univ., Columbus, USA

Discussant: Narae LEE, George Mason Univ., Arlington, USA

Coffee Break: 4:00—4:30

4:30—5:15

Social capital and happiness: Can individual-based subjective happiness be measured by location-based objective livability

Andres RODRIGUEZ LOMBEIDA, Univ. Nevada Las Vegas, USA, Jaewon LIM, Univ. Nevada, Las Vegas, USA

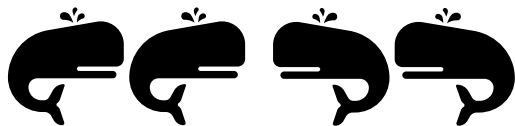
Discussant: Mehmet TOSUN, Univ. Nevada, Reno, USA

5:15—6:00

PLACE-BASED POLICY RESPONSES TO SPATIAL INEQUALITIES

Daniela CONSTANTIN, Univ. Bucharest, Romania, Clara VOLINTIRU, Univ. Bucharest, Romania

Discussant: Terry CLOWER, George Mason Univ., Arlington, USA



Tuesday, 2:30 PM—6:00 PM

Paper Session 4B ~ Big Sur 2

Environmental Issues & Natural Resources (II)

Chair: Kyung-Min NAM

Univ. Hong Kong, China

2:30—3:15

A Joint Estimation Economic Valuation of Waikiki and Major Beaches of Oahu, Hawaii

Marcus PENG, Univ. Hawai'i at Mānoa, USA, Nori TARUI, Univ. Hawai'i at Mānoa, USA, Tsuge TAKAHIRO, Sophia Univ., Japan, Dolan EVERSOLE, Univ. Hawai'i at Mānoa, USA

Discussant: Frank DAVENPORT, Univ. California, Santa Barbara, USA

3:15—4:00

The Impact of Homeowner Associations (HOAs) on Tree Canopy Distribution in an Urban Desert Biome

Aaron COLLETTA, Univ. Nevada, Las Vegas, USA, Jaewon LIM, Univ. Nevada, Las Vegas, USA

Discussant: Pia NILSSON, The Swedish Univ.

Agricultural Sciences, Sweden

Coffee Break: 4:00—4:30

4:30—5:15

Individual characteristics and propensity to migrate in response to climate change

Laura GALLINA, Gran Sasso Science Inst., Italy, Marco

MODICA, Gran Sasso Science Inst., Italy, Maria Giovanna

BRANDANO, Gran Sasso Science Inst., Italy, Andrea

MEMBRETTI, Univ. Pavia, Italy, Giulia URSO, Gran Sasso Science Inst., Italy

Discussant: Yujin LEE, Cornell Univ., Ithaca, USA

5:15—6:00

Agricultural Output and Education Attainment in the U.S.

Nyakundi MICHIEKA, California State Univ., Bakersfield, USA

Discussant: Kyung-Min NAM, Univ. Hong Kong, China



Tuesday, 2:30 PM—6:00 PM

Paper Session 4C ~ Big Sur 3

Public Health & Aging

Chair: Daria DENTI

Gran Sasso Science Inst., Italy

2:30—3:15

Spatial Disparities in Mortality Rates Across Age Groups

Hee-Jung JUN, Sungkyunkwan Univ., Republic of Korea,

Seungyeoup KANG, Sungkyunkwan Univ., Republic of Korea

Discussant: Abu Bakkar SIDDIQUE, Florida Atlantic Univ., Boca Raton, USA

3:15—4:00

Family health on the monetary success of the entrepreneur: entrepreneur-spouse-child interdependence (Findings from a sensitivity analysis)

Nadeeka WEERASEKARA, Univ. Idaho, Boise, USA, Paul

LEWIN, Univ. Idaho, Boise, USA, Monica FISHER,

International Maize and Wheat Improvement Center, Kenya

Discussant: Kee Hoon CHUNG, Univ. Ulsan, Republic of Korea

Coffee Break: 4:00—4:30

4:30—5:15

Analysis of Areas Vulnerable to Senior Pedestrian Accidents in the Aging Era

Soyoon KIM, Seoul National Univ., Republic of Korea,

Sangwon CHOI, Seoul National Univ., Republic of Korea,

Brian H.S. KIM, Seoul National Univ., Republic of Korea

Discussant: Xin LI, City Univ. Hong Kong, China

5:15—6:00

Aging, Mobility of Older Adults, and Cost to Society

Yonsu KIM, Univ. Nevada, Las Vegas, USA, Ayoung KIM, Mississippi State Univ., Starkville, USA, Jeehee LEE, Univ. Nevada, Las Vegas, USA, Jaewon LIM, Univ. Nevada, Las Vegas, USA

Discussant: Daria DENTI, Gran Sasso Science Inst., Italy



Tuesday, 2:30 PM—6:00 PM

Paper Session 4D ~ Cypress 1

Keith Schwer

Memorial Western States Economic Outlook

Chair: Brain LEWANDOWSKI

Univ. Colorado Boulder, USA

2:30—3:15

Arizona Economic Outlook

Timothy HOGAN, Arizona State Univ., Tempe, USA

3:15—4:00

California Economic Outlook

Raymond SFEIR, Chapman Univ., Orange, USA

Coffee Break: 4:00—4:30

4:30—5:00

Colorado Economic Outlook

Brain LEWANDOWSKI, Univ. Colorado Boulder, USA

5:00—5:30

Idaho Economic Outlook

Karl R. GEISLER, Idaho State Univ., Pocatello, USA

5:30—6:00

Nevada Economic Outlook

Andrew WOODS, Univ. Nevada, Las Vegas, USA



Tuesday, 2:30 PM—6:00 PM

Paper Session 4E ~ Cypress 2

Housing, Community, & Policy (II)

Chair: Herman DONNER

KTH Royal Inst. Technology, Sweden

2:30—3:15

Housing Financial Stress and Community Wellbeing

Steven DELLER, Univ. Wisconsin-Madison, USA

Discussant: Clemens PILGRAM, Univ. Southern California, Los Angeles, USA

3:15—4:00

Do immigrants and ethnic minorities claim more benefits?:

Empirical evidence from London, UK

Lois LIAO, Univ. Sheffield, UK, Yiming WANG, Univ.

College London, UK

Discussant: Do KIM, Cal Poly, Pomona, USA

Coffee Break: 4:00—4:30

4:30—5:15

Externalities of Vacant Housing on Neighboring Property Values: An Analysis of Naturally Occurring and Redevelopment-Driven Phenomena

Seulki KIM, Seoul National Univ., Republic of Korea,

Euijune KIM, Seoul National Univ., Republic of Korea

Discussant: Herman DONNER, KTH Royal Inst.

Technology, Sweden

5:15—6:00

Homeownership Gaps among Race and Age groups in the United States and California

David FLORES MOCTEZUMA, Univ. Southern California, Los Angeles, USA

Discussant: Hans WESTLUND, KTH Royal Inst.

Technology, Sweden



Tuesday, 2:30 PM—6:00 PM

Paper Session 4F ~ Cypress 3

The Regional Science Academy - SAS (I)

Great Minds in Regional Science Lecture

Chairs:

David PLANE, Univ. Arizona, Tucson

USA; Peter BATEY, Univ. Liverpool, UK

2:30—3:15

Great Minds in Regional Science on Gordon Mulligan

Neil REID, Univ. Toledo, USA

3:15—4:00

Great Minds in Regional Science on Arthur Getis

Sergio REY, San Diego State Univ., USA

Feb 13th, 2024

Tuesday 6:00 – 8:00 PM

Pebble-Beach Ballroom

Hyatt Regency Monterey

Monterey, California

President's Reception

hosted by Dr. Eric J. Heikkila

the 65th President of

Western Regional Science Association



For all participants and accompanying persons

With the generous support of

Pacific Rim Council on Urban Development



Wednesday, 14 February

8:00 AM—5:00 PM

Registration (*Mark Thomas Foyer*)

8:30 AM—12:00 PM

T-100 Tiebout Centenary Special Session
(*Pacific-Grove Ballroom*)

1:30 PM—5:00 PM

5A Urban Dynamics, Interactions, & Local Finance
(*Big Sur 1*)

5B Agriculture & Rural and Community
Development (II)
(*Big Sur 2*)

5C Population, Migration, & Labor Market (II)
(*Big Sur 3*)

(*End of Conference*)



Wednesday, 8:30 AM—12:00 PM

T-100 ~ Pacific Grove

Tiebout Centenary Special Session

Chair: Geoffrey HEWINGS

Univ. Illinois, Urbana-Champaign, USA

8:30—8:40

Welcome & Opening Remarks

Geoffrey HEWINGS, Univ. Illinois, Urbana-Champaign, USA

8:40—9:00

**Population Growth in Growing and Declining Cities:
The Role of Balanced-Budget Increases in Local
Government Spending**

David BRASINGTON, Univ. Cincinnati, USA

9:00—9:20

**Remote work and propensity to move -- the case of
Italy**

Thea JANSEN, Gran Sasso Science Inst., Italy,
Andrea ASCANI, Gran Sasso Science Inst., Italy,
Alessandra FAGGIAN, Gran Sasso Science Inst.,
Italy, Alessandro PALMA, Gran Sasso Science
Inst., Italy

9:20—9:40

**The Effect of Policy Variation on Urban Density: The
Consequences of Crossed Borders for Cities**

Steven CRAIG, Univ. Houston, USA, Edward
HOANG, Univ. Colorado at Colorado Springs,
USA

9:40—10:00

Roundtable Discussion

Coffee Break: 10:00—10:30

10:30—10:50

External Economies and Progressive Taxation

Juan Carlos LOPEZ, Univ. Denver, USA, Tadashi
MORITA, Kindai Univ., Japan

10:50—11:10

**Cityphilia And Cityphobia: A Multi-Scalar Search for
City Love in Flanders**

Karima KOURTIT, Open Univ., The Netherlands,
Bart NEUTS, Univ. Leuven, Belgium, Peter
NIJKAMP, Open Univ., The Netherlands, Marie
WAHLSTRÖM, KTH Royal Inst. Technology,
Sweden

11:10—11:30

Tieboutian Clubs Revisited

Eric J. HEIKKILA, Univ. Southern California, Los
Angeles, USA, Jordy COUTIN, Univ. Southern
California, Los Angeles, USA

11:30—11:50

Roundtable Discussion

Wednesday, 12:00—1:30 PM

Lunch Break (*On your own this day*)



Wednesday, 1:30 PM—5:00 PM

Paper Session 5A ~ Big Sur 1

Urban Dynamics, Interactions, & Local Finance

Chair: Jørn RATTSSØ

Norwegian Univ. Science and Technology, Norway

1:30—2:15

**Disentangling the Effects of Different Informational
Spaces in Decision Making: The Case of COVID 19-
Vaccination in Sweden**

Charlotta MELLANDER, Jönköping International Business
School, Sweden, Johan KLAESSON, Jönköping
International Business School, Sweden, Jose LOBO, Arizona
State Univ., Tempe, USA, Sofia WIXE, Jönköping
International Business School, Sweden

Discussant: Sowon KIM, Ohio State Univ., Columbus,
USA

2:15—3:00

**The agglomeration effect: The role of intangible intensive
industries**

Stefan LEKNES, Statistics Norway, Jørn RATTSSØ,
Norwegian Univ. Science and Technology, Norway,
Hildegunn STOKKE, Norwegian Univ. Science and
Technology, Norway

Discussant: Adam SCAVETTE, Federal Reserve Bank,
Richmond, USA

Coffee Break: 10:00—10:30

3:30—4:15

The Tiered Minimum Wage and Firm Survival

Richard ACQUAH-SARPONG, Oregon State Univ.,
Corvallis, USA, Yong CHEN, Oregon State Univ., Corvallis,
USA

Discussant: Jørn RATTSSØ, Norwegian Univ. Science
and Technology, Norway

4:15—5:00

***How Digitalization Drives Urban Industrial locations? An
Empirical Study of South Korea***

Jeong-Il PARK, Keimyung Univ., Republic of Korea
Discussant: Giulia IANNONE, Gran Sasso Science
Inst., Italy



Wednesday, 1:30 PM—5:00 PM

Paper Session 5B ~ Big Sur 2

Agriculture &

Rural and Community Development (II)

Chair: Nyakundi MICHIEKA

California State Univ., Bakersfield, USA

1:30—2:15

***Testing Spatial Out-of-Sample Area of Influence for Grain
Forecasting Models***

Frank DAVENPORT, Univ. California, Santa Barbara, USA,
Donghoon LEE, Univ. Manitoba, Canada, Shradhdhanand
SHUKLA, Univ. California, Santa Barbara, USA

Discussant: Shiyang ZHANG, Penn State Univ.,
University Park, USA

2:15—3:00

***The Impact of Social Networks on the Technology
Adoption of Thai Farmers***

Boyeong PARK, Seoul National Univ, Republic of Korea,
Taeyoon KIM, Seoul National Univ, Republic of Korea,
Donghwan AN, Seoul National Univ, Republic of Korea,
Phumsith MAHASUWEERACHAI, Khon Kaen Univ.
Thailand

Discussant: Nyakundi MICHIEKA, California State
Univ., Bakersfield, USA

Coffee Break: 10:00—10:30

3:30—4:15

Dealing with Fiscal Stress: Cities versus Suburbs

Annie HSU, Indiana Univ. Bloomington, USA

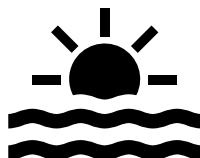
Discussant: Soomi LEE, Univ. La Verne, USA

4:15—5:00

***Export and Development of the Tea Industry in Shizuoka
and Kagoshima***

Yuko HISA, Teikyo Univ., Japan, Shoichi HISA, Kanagawa
Univ., Japan

Discussant: Peter BATEY, Univ. Liverpool, UK



Wednesday, 1:30 PM—5:00 PM

Paper Session 5C ~ Big Sur 3

Population, Migration, & Labor Market (II)

Chair: Mark BROWN

Statistics Canada

1:30—2:15

***«Please don't go»: determinants of attractiveness and
student mobility flow in Italian Higher Education***

Martina DAL MOLIN, Gran Sasso Science Inst., Italy,
Alessandra FAGGIAN, Gran Sasso Science Inst., Italy,
Marco MODICA, Gran Sasso Science Inst., Italy

Discussant: Peter ROGERSON, Arizona State Univ.,
Tempe, USA

2:15—3:00

***Overeducation among the Immigrants: Does overeducation
still matter?***

JongSoo LEE, Univ. Kansas, Lawrence, USA

Discussant: Mark BROWN, Statistics Canada

Coffee Break: 10:00—10:30

3:30—4:15

***How Does Land Use Policy Affect Local Labor Market and
Housing Market?***

Meng-Ting CHEN, Soochow Univ., Taiwan, Jiakai ZHANG,
New Mexico Tech, Socorro, USA

Discussant: David BRASINGTON, Univ. Cincinnati,
USA

4:15—5:00

Demographic Characteristics of Atlanta's Workforce

Sharmistha BAGCHI-SEN, Arizona State Univ., Tempe,
USA, Aleksander BERG, Arizona State Univ., Tempe, USA,
Anthony HOWELL, Arizona State Univ., Tempe, USA

Discussant: John CARRUTHERS, Cornell Univ.,
Ithaca, USA

(Conference ends at 5:00 PM)



“The Way Academic Life Should Be”

Program Participant Locator

Session assignments are listed following each participant's name:

1A, 1B, 1C, 1D, 1E on Monday Morning
 2A, 2B, 2C, 2D, 2E on Monday Afternoon
 3A, 3B, 3C, 3D, 3E, 3F on Tuesday Morning
 4A, 4B, 4C, 4D, 4E, 4F on Tuesday Afternoon
 T-100 (Tiebout Centenary Special Session) on Wednesday Morning
 5A, 5B, 5C on Wednesday Afternoon
 PySAL-WS = Spatial Data Analysis and Econometrics with PySAL Workshop
 LGOS = Lay Gibson Opening Session
 WRSA-BM = WRSA Board Meeting
 GOSA = Getis-Ord Lecture in Spatial Analysis
 AABL = Annual Award Banquet Luncheon
 TRSA-ABC = The Regional Science Academy - ABC Session

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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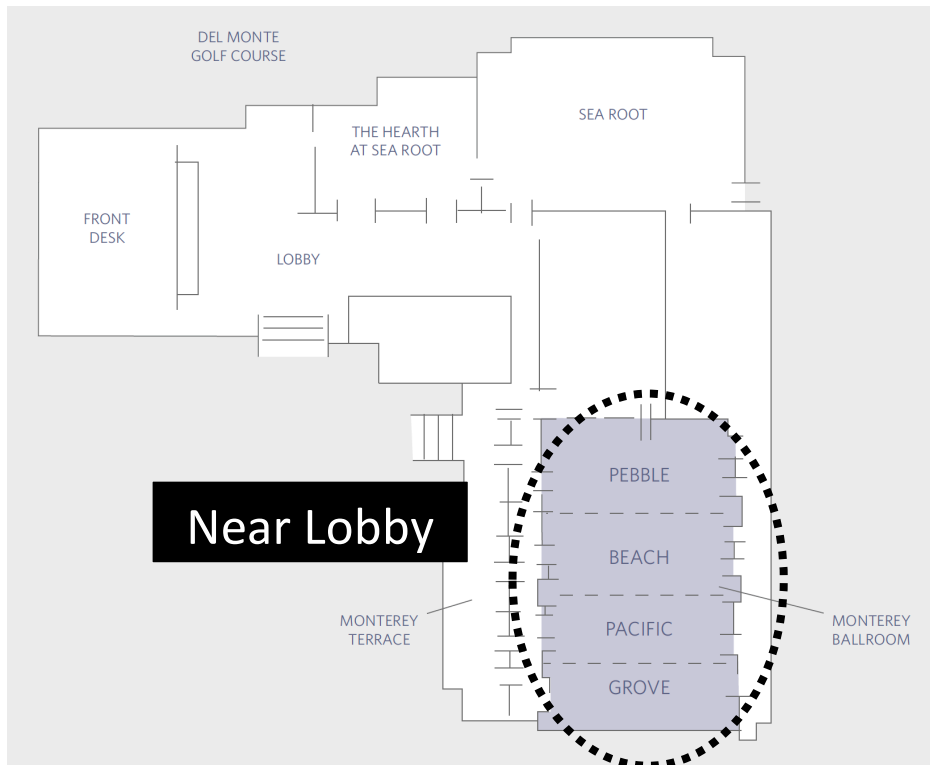
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