

February 17 (Thursday)

8:00 AM—12:00 PM

TRSA-ABC(I) Pre-WRSA The Regional Science Academy - ABC Session (I) (Heritage 1)

1:00 PM—6:00 PM

Registration (Canal Club Hallway)

1:30 PM—3:00 PM

TRSA-ABC(II) Pre-WRSA The Regional Science Academy - ABC Session (II) (Heritage 1)

3:30 PM—5:15 PM

LGOS The 11th Annual Lay J. Gibson Opening Session (Heritage 2)

5:30 PM—7:00 PM

Welcome Reception (Laguna Lawn)

Thursday, 8:00 AM—12:00 PM

TRSA-ABC(I) ~ Heritage 1

The Regional Science Academy - ABC Session (I)

Chair: Peter BATEY, Univ. Liverpool

Detailed Program TBA

Thursday, 1:30 PM—3:00 PM

TRSA-ABC(II) ~ Heritage 1

The Regional Science Academy - ABC Session (II)

Chair: Peter BATEY, Univ. Liverpool

Detailed Program TBA

Thursday, 3:30 PM—5:15 PM

***The 11th Annual Lay J. Gibson Opening Session
Heritage 2***

Chair: Lay James GIBSON, Univ. Arizona

Let's Get Real About Long Term Regional Development Disparities

A. Christopher NELSON, Univ. Arizona

Discussant: Joe MCCLURE, McClure Consulting, Jennifer Graves, Office of Economic Development, Gilbert, AZ

Thursday, 5:30 PM—7:00 PM

***Welcome Reception
Laguna Lawn***

February 18 (Friday)

8:00 AM—6:00 PM

Registration (Canal Club Hallway)

8:00 AM—10:00 AM

WRSA-BM WRSA Board Meeting (Founder's Room)

8:30 AM—12:00 PM

1A Disaster, Uncertainty, and COVID-19 (Heritage 1)

1B Spatial/Location Modeling & GIS (I) (Orangedale A)

1C Location & Economic Development (Orangedale B)

1D* The Keith Schwer Memorial Western State Economic Outlook (I) (Orangedale C)

Session 1D* starts at 10:30 AM

10:00 AM—10:30 AM

Coffee Break (Orangedale Patio)

1:30 PM—5:00 PM

2A Human Capital & Labor Market (Heritage 1)

2B Economic Development, Finance, and Innovation (Orangedale A)

2C Natural Resources & Regional Growth (Orangedale B)

2D The Keith Schwer Memorial Western State Economic Outlook (II) (Orangedale C)

3:00 PM—3:30 PM

Coffee Break (Orangedale Patio)

5:15 PM—7:30 PM

GOSA The 9th Annual Getis-Ord Lecture in Spatial Analysis (Heritage 2)

7:30 PM—8:30 PM

Getis-Ord Lecture Reception (Laguna Lawn)

Friday, 8:00 AM—10:00 AM
WRSA-BM ~ Founder's Room
WRSA Board Meeting
Chair: Jaewon LIM, Univ. Nevada, Las Vegas

Friday, 8:30 AM—12:00 PM
Paper Session 1A ~ Heritage 1
Disaster, Uncertainty, and COVID-19
Chair: Adam ROSE, Univ. Southern California

8:30—9:15

Local Government public managers' perceptions of fiscal stress: Survey evidence from Covid-19

Seva RODNYANSKY, Occidental College, Manita RAO, University of Southern California, Andre COMANDON, University of Southern California, Bonnie WANG, University of Southern California, Marlon BOARNET, University of Southern California

Discussant: Charles MORIN, The Ohio State Univ.

9:15—10:00

Sources of Uncertainty in Estimating Socio-Economic Damages from Coastal Flooding

Fernando DEPAOLIS, Middlebury Institute

Discussant: Metin PISKIN, Istanbul Sabahattin Zaim Univ.

Coffee Break: 10:00—10:30

10:30—11:15

REFLECTIONS ON COVID 19: SOME EFFECTS OF BUREAUCRATIC COST CUTTING ON SINGLE PAYER LONG TERM NURSING HOME CARE IN QUÉBEC

Michael FARRELL, Université du Québec

Discussant: Adam ROSE, Univ. Southern California

11:15—12:00

Perception, behaviours, and subjective well-being: How to be happy during the COVID-19 pandemic

Jiwon LEE, Seoul National Univ., Tae-Hyoung Tommy GIM, Seoul National Univ.

Discussant: Zhenhua CHEN, Ohio State Univ.

Friday, 8:30 AM—12:00 PM
Paper Session 1B ~ Orangedale A
Spatial/Location Modeling & GIS (I)
Chair: Qisheng PAN, Texas Southern Univ.

8:30—9:15

Wildfire Mitigation Land Use Modeling

Alan MURRAY, Univ. California Santa Barbara, Richard CHURCH, Univ. California Santa Barbara, Amelia PLUDOW, Univ. California Santa Barbara, Peter STINE, USDA Forest Service

Discussant: Rebekka APARDIAN, Univ. Toledo

9:15—10:00

The Distribution of the Local Geary Statistic

Peter ROGERSON, Arizona State University

Discussant: HIEU NGUYEN, Illinois Wesleyan Univ.

Coffee Break: 10:00—10:30

10:30—11:15

Does Transit-induced Agglomeration Improve Labor Market Equity? A Spatial Econometric Analysis on Low-skilled Jobs and Industry Sectors in Philadelphia, PA

Seunghoon OH, Univ. Cincinnati, Rainer VOM HOFE, University of Cincinnati

Discussant: Qisheng PAN, Texas Southern Univ.

11:15—12:00

Observing the Evolution of Informal Sector from Space: A County Level Approach 2013-2020

Erick RANGEL-GONZALEZ, Bank of Mexico, Irving LLAMOSAS-ROSAS, Bank of Mexico

Discussant: Neil REID, Univ. Toledo

Friday, 8:30 AM—12:00 PM
Paper Session 1C ~ Orangedale B
Location & Economic Development

Chair: Richard GEARHART, California State Univ., Bakersfield

8:30—9:15

The Principal Components of Happiness: The Mexican Case

Flor-de-Maria MARTINEZ-SERMEÑO, CIMAT, Powell SHEAGREN, Swarthmore College, Rafael GARDUÑO-RIVERA, Universidad Panamericana

Discussant: Lihong YANG, Nanjing Audit Univ.

9:15—10:00

Nevada's Demographic and Economic Geography: The Three Nevadas

David DAMORE, Univ. Nevada, Las Vegas, Jaewon LIM, Univ. Nevada, Las Vegas, A. Christopher NELSON, Univ. Arizona, Fatma NASOZ, Univ. Nevada, Las Vegas, Magdalena MARTINEZ, Univ. Nevada, Las Vegas

Discussant: Richard GEARHART, California State Univ., Bakersfield

Coffee Break: 10:00—10:30

10:30—11:15

A Text-Mining and Bibliographic Analysis of the Urban Economic Development Literature: 1959-2020

Li FANG, Florida State Univ.

Discussant: Abraham SONG, Pepperdine Univ.

11:15—12:00

Agglomeration, Diversity, and Tradition: An Analysis of Fractionalized Web of Science Publications in EU Regions

David Emanuel ANDERSSON, National Sun Yat-sen Univ., Thai Ha LE, Fulbright Univ. Vietnam

Discussant: Benjamin WHIPPLE, Idaho State Univ.

Friday, 10:30 AM—12:00 PM
Paper Session 1D ~ Orangedale C

The Keith Schwer Memorial Western State Economic Outlook (I)

Chair: Richard WOBBEKIND, Univ. Colorado

Friday, 1:30 PM—5:00 PM
Paper Session 2A ~ Heritage 1
Human Capital & Labor Market

Chair: Terry CLOWER, George Mason Univ.

1:30—2:15

Plant relocations and heterogenous returns to commuting

Mikaela BACKMAN, Jönköping International Business School, Orsa KEKEZI, Stockholm Univ.

Discussant: Aaron COLLETTA, Univ. Nevada, Las Vegas

2:15—3:00

COVID-19 and employment relief programs: A tale of spatially blind policies for a spatially driven pandemic

Esteban LOPEZ OCHOA, UTSA, Juan EBERHARD, UAI, Patricio AROCA, UAI

Discussant: William CLARK, Univ. California Los Angeles

Coffee Break: 3:00—3:30

3:30—4:15

How Beliefs about a UI Benefits Extension, in a McCall Environment, Affect Labor Supply

Richard RYAN, California State University, Bakersfield

Discussant: Terry CLOWER, George Mason Univ.

4:15—5:00

Do Neighborhood Renewal Funds Improve Local Labor Market Outcomes? Evidence from England

Robert CALVERT JUMP, University of Greenwich, Adam SCAVETTE, Federal Reserve Bank of Philadelphia

Discussant: Michael BABB, Univ. Washington

Friday, 1:30 PM—5:00 PM
Paper Session 2B ~ Orangedale A
Economic Development, Finance, and Innovation
Chair: Eric J. HEIKKILA, Univ. Southern California

1:30—2:15

Patents, Technologies and Networks: Toward a method for using inventor networks to assess regional technological ecosystems

TIMOTHY SLAPER, Indiana Univ.

Discussant: Janet E. KOHLHASE, Univ. of Houston

2:15—3:00

Venezuelan migration shock in Colombia and its fiscal implications for the health sector at the local level

Karelys GUZMAN, Univ. Illinois Urbana-Champaign

Discussant: Steven CRAIG, Univ. Houston

Coffee Break: 3:00—3:30

3:30—4:15

The Paycheck Protection Program and Regional Banking Market Structure during the Covid-19 Pandemic

Soomi LEE, University of La Verne

Discussant: Eric J. HEIKKILA, Univ. Southern California

4:15—5:00

Do FinTech Applications Promote Regional Innovation Efficiency? Empirical Evidence from China

Lihong YANG, Nanjing Audit Univ.

Discussant: William HAUK, Univ. South Carolina

Friday, 1:30 PM—5:00 PM
Paper Session 2C ~ Orangedale B
Natural Resources & Regional Growth
Chair: Sungyop KIM, Univ. Missouri, Kansas City

1:30—2:15

Recessions and healthcare usage

Mouhcine GUETTABI, Univ. North Carolina Wilmington, Allison WITMAN, University of North Carolina Wilmington

Discussant: Keith WATERS, Arizona State Univ.

2:15—3:00

Assessing the Public Interest in Major Energy Projects: The Role of Benefit-Cost Analysis

Thomas GUNTON, Simon Fraser University, Canada

Discussant: Garth TAYLOR, Univ. Idaho

Coffee Break: 3:00—3:30

3:30—4:15

Energy Transitions and Labor Market Patterns in the U.S. Coal Industry

Nyakundi MICHIEKA, California State Univ., Bakersfield, Marcello GRAZIANO, Southern Connecticut State Univ., Marta MUSSO, KTH Royal Institute of Technology, Roger FOUQUET, London School of Economics and Political Science

Discussant: Sungyop KIM, Univ. Missouri, Kansas City

4:15—5:00

The Growing US-Mexico Natural Gas Trade and Its Regional Economic Impacts in Mexico

Haoying WANG, New Mexico Inst. Mining and Technology, Rafael GARDUÑO-RIVERA, Univ. Panamericana

Discussant: Euijune KIM, Seoul National Univ.

Friday, 1:30 PM—5:00 PM
Paper Session 2D ~ Orangedale C
The Keith Schwer Memorial Western State Economic Outlook (II)
Chair: Richard WOBBEKIND, Univ. Colorado

Friday, 5:15 PM—7:30 PM

GOSA ~ Heritage 2

The 9th Annual Getis-Ord Lecture in Spatial Analysis

Chair: Eric J. HEIKKILA, Univ. Southern California

Spatial Analysis Lecture (Full Title TBA)

Andrew GELMAN, Columbia Univ.

Discussant: TBA

Friday, 7:30 PM—8:30 PM

Getis-Ord Lecture Reception

Laguna Lawn

February 19 (Saturday)

8:00 AM—6:00 PM

Registration (Canal Club Hallway)

8:30 AM—12:00 PM

3A The Regional Science Academy SAS Session - Hard Facts & Fake News on COVID-19 (Heritage 1)

3B Local Public Finance (Orangedale A)

3C Urban Theory, Interaction, and Policy (Orangedale B)

3D Population, Migration, and Social Interaction (Orangedale C)

10:00 AM—10:30 AM

Coffee Break (Orangedale Patio)

12:15 PM—2:15 PM

AABL Annual Award Luncheon (Heritage 2)

2:30 PM—6:00 PM

4A The Regional Science Academy - SAS Session (Heritage 1)

4B Disaster & Infrastructure (Orangedale A)

4C Housing & Real Estate (Orangedale B)

4D Trade, Innovation, and Industrial Issues (Orangedale C)

4:00 PM—4:30 PM

Coffee Break (Orangedale Patio)

6:15 PM—7:45 PM

President's Reception (La Boca Pool & Canal Club Bar Patio)

Saturday, 8:30 AM—12:00 PM
Paper Session 3A ~ Heritage 1
The Regional Science Academy - SAS Session
Hard Facts & Fake News on COVID-19 -- The Emerging Role of Spatial Coronametrics
Chair: Peter BATEY, Univ. Liverpool
Detailed Program TBA

Saturday, 8:30 AM—12:00 PM
Paper Session 3B ~ Orangedale A
Local Public Finance
Chair: Soomi LEE, Univ. La Verne

8:30—9:15

Expenditure Smoothing Under Balanced Budget Rules: Rainy Day Funds or Saving for a Rainy Day?

Bent SORENSEN, Univ. Houston, Xavier BAUTISTA, Singapore Management Univ., Priyam VERMA, Aix-Marseille Univ., Annie HSU, Univ. Houston, Vasundhara TANWAR, Univ. Houston

Discussant: Soomi LEE, Univ. La Verne

9:15—10:00

Rent Capture by Central Cities

Steven CRAIG, Univ. Houston, Annie HSU, Univ. Houston, Janet KOHLHASE, Univ. Houston

Discussant: Julie WARTELL, Univ. California

Coffee Break: 10:00—10:30

10:30—11:15

Tax Revenue and Expenditure Nexus with Panel VAR Approach

Zuyi WANG, Utah State Univ., Man-Keun KIM, Utah State Univ.

Discussant: Priyam VERMA, Aix-Marseille School of Economics

11:15—12:00

Estimating the Ability to Pay for Domestic Water Service

Steven PIPER, Colorado School of Mines

Discussant: Juan Carlos LOPEZ, Univ. Denver

Saturday, 8:30 AM—12:00 PM
Paper Session 3C ~ Orangedale B
Urban Theory, Interaction, and Policy
Chair: Jae Hong KIM, Univ. California, Irvine

8:30—9:00

Rediscovering Regional Science: A Bibliometric Analysis

Zhenhua CHEN, The Ohio State Univ., Laurie SCHINTLER, George Mason Univ.

Discussant: Geoffrey HEWINGS, Univ. Illinois Urbana-Champaign

9:00—9:30

Teen Driver Training and Safety Outcomes with Graduated Licensing Policy

Nazia RIASAT, North Dakota State Univ., Yun ZHOU, North Dakota State Univ., Megan ORR, North Dakota State Univ.

Discussant: Magdalena MARTINEZ, Univ. Nevada Las Vegas

9:30—10:00

A Political-Economy Perspective on Mayoral Elections and Urban Crime

Amit BATABYAL, Rochester Inst. Technology, Hamid BELADI, Univ. Texas at San Antonio

Discussant: Jae Hong KIM, Univ. California, Irvine

Coffee Break: 10:00—10:30

10:30—11:15

Counterurbanization in China? A case study of counties in Huang-Huai-Hai Area from the perspective of urban-rural relations

Mingyand CHENG, Zhengzhou Univ., Hans WESTLUND, KTH Royal Institute of Tech.

Discussant: Powell SHEAGREN, Swarthmore College

11:15—12:00

Pipeline and Property Values: A Nationwide Hedonic Analysis of Pipeline Accidents Over the Past Three Decades

Nieyan CHENG, Iowa State Univ., Minghao LI, New Mexico State Univ., Pengfei LIU, Univ. Rhode Island, Qianfeng LUO, Chinese Academy of Social Sciences, Chuan TANG, Huazhong Agricultural Univ., Wendong ZHANG, Iowa State Univ.

Discussant: Amit BATABYAL, Rochester Inst. Technology

Saturday, 8:30 AM—12:00 PM

Paper Session 3D ~ Orangedale C

Population, Migration, and Social Interaction

Chair: David PLANE, Univ. Arizona

8:30—9:15

Rural-Urban Migration of Alaska Native Peoples: Changing Patterns and Causes

Matthew BERMAN, Univ. Alaska Anchorage, Ruoqing WANG-CENDEJAS, Harvard Univ.

Discussant: Austin LANDINI, Colorado State Univ.

9:15—10:00

Risk, Endowment and the Decision to Move

William CLARK, Univ. California Los Angeles, Rachel ONG VIFORJ, Curtin University Australia, Christopher PHELPS, Curtin University Australia

Discussant: Orsa KEKEZI, Stockholm Univ.

Coffee Break: 10:00—10:30

10:30—11:15

Geodemographics and urban planning analysis: an historical review

Peter BATEY, University of Liverpool

Discussant: Andreas DIEMER, Stockholm Univ.

11:15—12:00

The Network Labeling Optimization for Hidden Population Size Estimation: A Case Solution for the Bangladesh Kidney Sellers Problem

Narae LEE, George Mason Univ., Abu Bakkar SIDDIQUE, George Mason Univ., Meng-hao LI, George Mason Univ., Manzur AHMAD, EXIM Bank Agricultural Univ. Bangladesh, Hadi EL-AMINE, George Mason Univ., Naoru KOIZUMI, George Mason Univ.

Discussant: David PLANE, Univ. Arizona

Saturday, 12:15 PM—2:15 PM

Annual Award Luncheon

AABL ~ Heritage 2

Chair: Jaewon LIM, Univ. Nevada, Las Vegas

Location Theory and the Spatially Distributed Workforce

Terry CLOWER, George Mason Univ.

Saturday, 2:30 PM—6:00 PM
Paper Session 4A ~ Heritage 1
The Regional Science Academy - SAS Session
Chair: Karima KOURTIT, Open Univ.

2:30—3:15

The scientific significance of Charles ReVelle

Rick CHURCH, Univ. California Santa Barbara

3:15—4:00

The scientific significance of Janice Madden

Janet E. KOHLHASE, Univ. of Houston

Saturday, 2:30 PM—6:00 PM
Paper Session 4B ~ Orangedale A
Disaster & Infrastructure

Chair: Seva RODNYANSKY, Occidental College

2:30—3:15

Socioeconomic Impacts of Resilience to Seaport and Highway Transportation Network Disruption

Dan WEI, Univ. Southern California, Adam ROSE, Univ. Southern California, Eyup KOC, Univ. Southern California, Zhenhua CHEN, Ohio State Univ., Lucio SOIBELMAN, Univ. Southern California

Discussant: Seva RODNYANSKY, Occidental College

3:15—4:00

Empirical Estimation of Economic Resilience to Infrastructure Disruptions

Charles MORIN, Ohio State Univ., Noah DORMADY, Ohio State Univ.

Discussant: Michael FARRELL, Univ. Quebec

Coffee Break: 4:00—4:30

4:30—5:15

Analyzing Paths of Destruction in A Disaster's Aftermath: A Tale of Two Hurricanes

Yuri MANSURY, Illinois Inst. Technology

Discussant: Fernando DEPAOLIS, Middlebury Inst.

5:15—6:00

Estimation of Indirect Economic Losses from a Disrupted Highway Network: An Application to an Earthquake in Istanbul.

Metin PISKIN, Istanbul Sabahattin Zaim Univ., Geoffrey HEWINGS, Univ. Illinois Urbana-Champaign

Discussant: Jiwon LEE, Seoul National Univ.

Saturday, 2:30 PM—6:00 PM
Paper Session 4C ~ Orangedale B
Housing & Real Estate

Chair: Marlon BOARNET, Univ. Southern California

2:30—3:15

A study on the estimation and prediction of the increase or decrease of vacant houses according to power consumption using the SARIMA model

Minkyu KIM, Pusan National Univ., Jinhyeok JANG, Pusan National Univ., Yeol CHOI, Pusan National Univ.

Discussant: Hanxue WEI, Cornell Univ.

3:15—4:00

Life course heterogeneity and spatial segregation in older age

Bo MALMBERG, Stockholm Univ, Eva K ANDERSSON, Stockholm Univ, Thomas WIMARK, Uppsala Univ.

Discussant: Richard RYAN, California State Univ.

Coffee Break: 4:00—4:30

4:30—5:15

Inter- and Intra-regional Inequality in a Spatial Economy

tadashi MORITA, Kindai Univ., Juan Carlos LOPEZ, Univ. Denver

Discussant: Marlon BOARNET, Univ. Southern California

5:15—6:00

Local tax mimicking in France

Michel DIMOU, LEAD, Alexandra SCHAFFAR, LEAD, Asmae AQZZOUZ, LEAD

Discussant: Jinman KIM, Hanyang Univ.

Saturday, 2:30 PM—6:00 PM

Paper Session 4D ~ Orangedale C

Trade, Innovation, and Industrial Issues

Chair: Esteban LOPEZ OCHOA, Univ. Texas

2:30—3:15

Coal Trade Networks and Trading Communities: The case of Australia

Keith WATERS, Arizona State Univ., Shade SHUTTERS, Arizona State Univ., Terry CLOWER, George Mason Univ.

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

3:15—4:00

Digitalization of Manufacturing and Productivity: Role of Agglomeration

Taelim CHOI, Incheon Institute, Jeong-IL PARK, Keimyung Univ.

Discussant: Amit BATABYAL, Rochester Inst. Technology

Coffee Break: 4:00—4:30

4:30—5:15

Optimal Infrastructure after Trade Reform in India

Priyam VERMA, Aix-Marseille School of Economics

Discussant: Jindo JEONG, Seoul National Univ.

5:15—6:00

Tax Policy and Interregional Competition for Mobile Venture Capital by the Creative Class

Amit BATABYAL, Rochester Inst. Technology, Seung Jick YOO, Sookmyung Women's Univ.

Discussant: Esteban LOPEZ OCHOA, Univ. Texas

Saturday, 6:15 PM—7:45 PM

President's Reception

La Boca Pool & Canal Club Bar Patio

February 20 (Sunday)

8:00 AM—1:00 PM

Registration (Canal Club Hallway)

8:30 AM—12:00 PM

- 5A** Urban Infrastructure & Transportation (Heritage 1)
- 5B** Environmental Issues & Regions (Orangedale A)
- 5C** Housing & Real Estate (Orangedale B)
- 5D** Spatial/Location Modeling & GIS (II) (Orangedale C)

10:00 AM—10:30 AM

Coffee Break (Orangedale Patio)

1:30 PM—5:00 PM

- 6A** Input-Output & Econometric Models (Heritage 1)
- 6B** Location & Economic Development (Orangedale A)
- 6C** Urban Infrastructure & Transportation (Orangedale B)
- 6D** Population, Migration, and Social Interaction (Orangedale C)

3:00 PM—3:30 PM

Coffee Break (Orangedale Patio)

Sunday, 8:30 AM—12:00 PM

Paper Session 5A ~ Heritage 1

Urban Infrastructure & Transportation

Chair: Nyakundi MICHIEKA, California State Univ., Bakersfield

8:30—9:15

Analysis of Spatial Changes and Determining Factors of Public Bicycle Use: Focusing on Comparison Before and After COVID-19

Jinman KIM, Hanyang Univ., Sugie LEE, Hanyang Univ.

Discussant: Zakhary MALLET, Univ. Southern California

9:15—10:00

Spatial Determinants of Dockless Scooter Use

Marlon BOARNET, Univ. Southern California, Zakhary MALLET, Univ. Southern California, Clemens PILGRAM, Univ. Southern California

Discussant: Hee-Jung JUN, Sungkyunkwan Univ.

Coffee Break: 10:00—10:30

10:30—11:15

The hierarchical effect of individual travel utility preference and neighborhood environment on travel mode choice

Jindo JEONG, Seoul National Univ., Tae-Hyoung Tommy GIM, Seoul National Univ.

Discussant: Nyakundi MICHIEKA, California State Univ., Bakersfield

11:15—12:00

Is it really bridging the gap? Fiber internet's impact on housing values and homebuyer demographics

Nicholas IRWIN, Univ. Nevada, Las Vegas, David WOLF, Kobe Univ.

Discussant: Genevieve GIULIANO, Univ. Southern California

Sunday, 8:30 AM—12:00 PM

Paper Session 5B ~ Orangedale A

Environmental Issues & Regions

Chair: Juan Carlos LOPEZ, Univ. Denver

8:30—9:15

Determinants of Electricity Consumption of the Energy-Vulnerable Group Using Ensemble Gradient-Boosting Algorithm

Hyunsoo KIM, Pusan National Univ., Youngwoo KWON, Pusan National Univ., Yeol CHOI, Pusan National Univ.

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

9:15—10:00

Climate Change and Changing Spatial Dynamics of Vulnerable Populations

Sungyop KIM, Univ. Missouri, Kansas City, Dohyung KIM, California State Polytechnic Univ., Pomona

Discussant: Thomas GUNTON, Simon Fraser Univ.

Coffee Break: 10:00—10:30

10:30—11:15

Urban Parks and Mixed-Income Visitation in New York City

Hanxue WEI, Cornell Univ., Xiao HUANG, Univ. Arkansas, Sicheng WANG, Michigan State Univ., Junyu LU, Arizona State Univ., Zhenlong LI, Univ. South Carolina, Liao ZHU, Cornell Univ.

Discussant: Michel DIMOU, Univ. Toulon

11:15—12:00

Regressive or Progressive? Comparing command-and-control and market-based climate policies

Paul BERNSTEIN, Univ. Hawaii Manoa, Makena COFFMAN, Univ. Hawaii Manoa, Maja SCHJERVHEIM, Univ. Hawaii Manoa, Sherilyn HAYASHIDA, Univ. Hawaii Economic Research Org.

Discussant: Nieyan CHENG, Iowa State Univ.

Sunday, 8:30 AM—12:00 PM
Paper Session 5C ~ Orangedale B
Housing & Real Estate

Chair: Li (Kerry) FANG, Florida State Univ.

8:30—9:15

The Impact of Legalizing Accessory Dwelling Unit Rentals on Property Values: Evidence from Ogden, Utah

Jennifer GNAGEY, Weber State Univ., Chris YENCHIA, Bradley Univ.

Discussant: Kimberly Vachal, North Dakota State Univ.

9:15—10:00

A global perspective on land use regulations and housing outcomes

Cynthia GOYTIA, Universidad Torcuato Di Tella, Eric HEIKKILA, Univ. Southern California

Discussant: Steven PIPER, Colorado School of Mines

Coffee Break: 10:00—10:30

10:30—11:15

Understanding the geographic concentration and circulation of land use policies

Jae Hong KIM, Univ. California, Irvine, Jongho WON, Brown Univ.

Discussant: Li (Kerry) FANG, Florida State Univ.

11:15—12:00

Effect of Environmental Characteristics on Apartment Housing Prices Based on the Hierarchy of Urban Waterfront Corridor: Focus on Busan Metropolitan City

Myung Joo KIM, Pusan National Univ., Yeol CHOI, Pusan National Univ.

Discussant: Hans WESTLUND, KTH Royal Inst. Technology

Sunday, 8:30 AM—12:00 PM
Paper Session 5D ~ Orangedale C
Spatial/Location Modeling & GIS (II)

Chair: Alan MURRAY, Univ. California Santa Barbara

8:30—9:15

Recent trends in Sweden's business formation and entrepreneurship: an empirical hot-spot examination of the spatial embeddedness hypothesis

Hieu NGUYEN, Illinois Wesleyan Univ., Quang EVANSLUONG, Umea Univ., Aliaksei KAZLOU, Linkoping Univ.

Discussant: Alan MURRAY, Univ. California, Santa Barbara

9:15—10:00

A Spatial Optimization Approach to Increase the Accuracy of Rooftop Solar Energy Assessments

Qing ZHONG, Nanjing Univ. Information Science and Technology, China, Daoqin TONG, Arizona State Univ.,

Jake NELSON, Auburn Univ., Tony GRUBESIC, The Univ. Texas at Austin

Discussant: Seunghoon OH, Univ. Cincinnati

Coffee Break: 10:00—10:30

10:30—11:15

A Spatial Analysis of Automation Vulnerability in Regional Labor Markets

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

Discussant: Irving LLAMOSAS-ROSAS, Bank of Mexico

11:15—12:00

Designing for Resilience and Protection

Rick CHURCH, Univ. California Santa Barbara

Discussant: Sangwon CHOI, Seoul National Univ.

Sunday, 1:30 PM—5:00 PM
Paper Session 6A ~ Heritage 1
Input-Output & Econometric Models

Chair: Geoffrey HEWINGS, Univ. Illinois Urbana-Champaign

1:30—2:15

CBD As a Cure-All? The Impacts of State-Level Legalization of Prescription Cannabidiol (CBD) on Opioid Prescriptions

Richard GEARHART, California State Univ. Bakersfield, Tim BERSAK, Wofford Univ., Nyakundi MICHIEKA, California State Univ. Bakersfield

Discussant: Peter NIJKAMP, Open Univ.

2:15—3:00

Industrial Restructuring, Regional Resilience, and Household Income Disparity: Focus on Automation in Service Industry

Jaewon LIM, Univ. Nevada, Las Vegas, Euijune KIM, Seoul National Univ., Aaron COLLETTA, Univ. Nevada, Las Vegas

Discussant: Geoffrey HEWINGS, Univ. Illinois Urbana-Champaign

Coffee Break: 3:00—3:30

3:30—4:15

Contribution of Forage-Livestock Value Chains to the Idaho Economy

Gregory GALWARD, Univ. Idaho, Garth TAYLOR, Univ. Idaho, Eric WINFORD, Univ. Idaho

Discussant: Daoqin TONG, Arizona State Univ.

4:15—5:00

Transforming Air Space to Place: Economic Impact Analysis for the Airport Development Project of March Joint Powers Authority

Qisheng PAN, Texas Southern Univ.

Discussant: Yuri MANSURY, Illinois Inst. Technology

Sunday, 1:30 PM—5:00 PM
Paper Session 6B ~ Orangedale A
Location & Economic Development
Chair: Timothy SLAPER, Indiana Univ.

1:30—2:15

Does the Winning Region Take All? Entrepreneurial Ecosystems, Support Organizations, and Domain Knowledge

Martin KENNEY, Univ. California Davis, Donald PATTON, Univ. California Davis, Abraham SONG, Pepperdine Univ.

Discussant: Karl R GEISLER, Idaho State Univ.

2:15—3:00

The Impact of Speed Limits on Labor Sheds in the Mountain West United States

Benjamin WHIPPLE, Idaho State Univ.

Discussant: Man-Keun KIM, Utah State Univ.

Coffee Break: 3:00—3:30

3:30—4:15

Understanding Brewpub Production Volumes

Rebekka APARDIAN, Univ. Toledo, Isabelle NILSSON, Univ. North Carolina-Charlotte, Neil REID, Univ. Toledo, Julie WARTELL, Univ. California San Diego

Discussant: Timothy SLAPER, Indiana Univ.

4:15—5:00

Incentives and the Location of Greenfield Foreign Direct Investment

Douglas WOODWARD, Univ. South Carolina, William HAUK, Univ. South Carolina, Alexandra TROIDL, Deloitte

Discussant: Karelly GUZMAN, University of Illinois Urbana-Champaign

Sunday, 1:30 PM—5:00 PM
Paper Session 6C ~ Orangedale B
Urban Infrastructure & Transportation
Chair: Makena COFFMAN, Univ. Hawaii Manoa

1:30—2:15

Inequitable Inefficiency: A Case Study of Rail Transit Fare Policies

Zakhary MALLETT, Univ. Southern California

Discussant: Taelim CHOI, Incheon Inst.

2:15—3:00

Using neighborhood-level changes to evaluate pedestrian safety initiatives: COVID-19 as a sudden-shock experiment

Rebekka APARDIAN, Univ. Toledo, Oleg SMIRNOV, Univ. Toledo

Discussant: Makena COFFMAN, Univ. Hawaii Manoa

Coffee Break: 3:00—3:30

3:30—4:15

Economic Impacts of Electrification of Cargo Handling Equipment at POLA/POLB

Dan WEI, Univ. Southern California, Genevieve GIULIANO, Univ. Southern California

Discussant: Nicholas IRWIN, Univ. Nevada, Las Vegas

4:15—5:00

Environmental Characteristics of Senior and Child Pedestrian-Vehicle Collision Vulnerable Areas: An Exploratory Analysis Using Deep Learning

Jae-Pil HEO, Sungkyunkwan Univ., Seungyeoup KANG, Sungkyunkwan Univ., Suyoung JEONG Sungkyunkwan Univ., Taewan KIM, Sungkyunkwan Univ., Cheol-Ho CHO, Sungkyunkwan Univ., Won Young JHOO, Sungkyunkwan Univ.

Discussant: Marlon BOARNET, Univ. Southern California

Sunday, 1:30 PM—5:00 PM
Paper Session 6D ~ Orangedale C
Population, Migration, and Social Interaction
Chair: Peter ROGERSON, Arizona State Univ.

1:30—2:15

Depopulation and Regional Population Imbalance in Korea

Daeyoung KWON, Seoul National Univ., Sangwon CHOI, Seoul National Univ., Brian H.S. KIM, Seoul National Univ.

Discussant: Adam SCAVETTE, Federal Reserve Bank of Philadelphia

2:15—3:00

Enhancing IRS county-to-county household migration, 1990 - 2015

Michael BABB, Univ. Washington

Discussant: Matthew BERMAN, Univ. Alaska

Coffee Break: 3:00—3:30

3:30—4:15

Spatial Diffusion of Local Economic Shocks in Social Networks: Evidence from the US Fracking Boom

Andreas DIEMER, Stockholm Univ.

Discussant: Peter ROGERSON, Arizona State Univ.

4:15—5:00

Addressing Endogeneity in the Relationship Between Local Race Composition and Public Expenditure

Austin LANDINI, Colorado State Univ.

Discussant: Narae LEE, George Mason Univ.

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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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