



Preliminary Meeting Program
Western Regional Science Association
57th Annual Meeting

Hilton Pasadena | Pasadena, California
February 11–14, 2018

Sunday, February 11

2:00–6:00 PM, Registration

3:30–5:15 PM, The 8th Annual Lay James Gibson Opening Session

5:30–7:00 PM, Welcoming Reception

Sunday, 3:30–5:15 PM

The 8th Annual Lay James Gibson Opening Session

Chair: Lay James GIBSON, Univ. Arizona, Tucson, USA

“Future Look at Travel”

Hasan IKHRATA

Executive Director, Southern California Association of Governments, Los Angeles, USA

Discussant: TBA

Sunday, 5:30–7:00 PM

Welcoming Reception

For all participants and accompanying persons: Everyone welcome!

Monday, 12 February

8:00 AM–12:15 PM, **Registration**

8:30–10:00 AM, **WRSA Board Meeting** By invitation only

8:30–12:00 PM, **Concurrent Sessions:**

- 1A** Innovation and Growth
- 1B** Income Distribution and Inequality
- 1C** Population
- 1D** Regional Economic Development Project Team Workshop (with observers also welcome)
- 1E** Estimating Property and Land Values
- 1F** Economic Effects of Disasters

10:00–10:30 AM, **Coffee Break**

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

1:00–4:45 PM, **Registration Continues**

1:30–5:00 PM, **Concurrent Sessions:**

- 2A** Economic Responses to Change
- 2B** Quality of Life and Development
- 2C** Spatial Demography
- 2D** Labor Markets and Wages
- 2E** Housing and Real Estate
- 2F** Energy and Power
- 2G** The Keith Schwer Memorial Western States Economic Outlook: After a Year of the Trump Administration

3:00–3:30 PM, **Coffee Break**

5:15–7:30 PM, **6th Annual Getis-Ord Lecture in Spatial Analysis**

Monday, 8:30–10:00 AM

WRSA Board Meeting (by invitation only)

Monday, 8:30 AM–12:00 PM

Paper Session 1A ~

Innovation and Growth

Chair: Charlie KARLSSON, Jönköping International Business School, Sweden

8:30–9:15

Technology intensity and agglomeration economies

Jiaochen LIANG, California State Univ., Fresno, USA, Stephan GOETZ, Pennsylvania State University

Discussant: Li FANG, Univ. Maryland, College Park, USA

9:15–10:00

The rural-urban broadband internet provision gap

Peter STENBERG, U.S. Dept. Agriculture, Washington, DC, USA

Discussant: Sangwon LEE, Seoul National Univ., Korea

Coffee Break: 10:00–10:30

10:30–11:15

Regional employment and artificial intelligence in Japan

Keisuke KONDO, Research Inst. Economy, Trade and Industry, Japan, Nobuaki HAMAGUCHI, Kobe Univ., Japan

Discussant: Charlie KARLSSON, Jönköping International Business School, Sweden

11:15–12:00

Cross-industry Effects of New Business Creation to Regional Employment Growth: Capital versus Non-capital regions

Yoojin YI, Seoul National Univ., Korea, Euijune KIM, Seoul National Univ., Korea

Discussant: Veneziano ARAUJO, Univ. Federal de Sao Paulo, Brazil

Monday, 8:30 AM–12:00 PM

Paper Session 1B ~

Income Distribution and Inequality

Chair: Mark D. PARTRIDGE, Ohio State Univ., Columbus, USA

8:30–9:15

Effect of tariff liberalization on Mexico's income distribution in the presence of migration

Rafael GARDUNO-RIVERA, Centro de Investigacion y Docencia Economicas, A.C. (CIDE), Kathy BAYLIS, Univ. Illinois, Urbana-Champaign, USA, Mary ARENDS-KUENNING, Univ. Illinois, Urbana-Champaign, USA

Discussant: Yuri MANSURY, Illinois Inst. Technology, Chicago, USA

9:15–10:00

Determining a method to change the mix of state sales and income tax rates which enhances economic growth and reduces inequality in a spatial model with free migration

Juan Carlos LOPEZ, Univ. Denver, Colorado, USA, Harvey CUTLER, Colorado State Univ., Fort Collins, USA, Martin SHIELDS, Colorado State Univ., Fort Collins, USA

Discussant: Rodrigo PEREZ-SILVA, Ohio State Univ., Columbus, USA

Coffee Break: 10:00–10:30

10:30–11:15

Metropolitan governance structure and growth-inequality dynamics in the United States

Jaewoo CHO, Univ. California, Irvine, USA, Jae Hong KIM, Univ. California, Irvine, USA, Yonsu KIM, Local Initiative Health Authority for Los Angeles County, USA

Discussant: Duncan ROTH, Inst. Employment Research, Germany

11:15–12:00

Rising inequality and neighborhood mixing in US Metro Areas

Kevin KANE, Southern California Assoc. Governments, Los Angeles, USA, John R. HIPPEL, Univ. California, Irvine, USA

Discussant: Mark D. PARTRIDGE, Ohio State Univ., Columbus, USA

Monday, 8:30 AM–12:00 PM

Paper Session 1C ~

Population

Chair: Bumsoo LEE, Univ. Illinois, Champaign-Urbana, USA

8:30–9:15

Influencing factors to have an additional child by working women in Korea

Insu CHANG, Korea Inst. Health and Social Affairs, Daeyoung KWON, Seoul National Univ., Korea, Brian H.S. KIM, Seoul National Univ., Korea

Discussant: Daniel CROWN, Ohio State Univ., Columbus, USA

9:15–10:00

An empirical analysis of the role of rural population growth in electricity consumption in Sub-Saharan Africa

Nyakundi MICHIEKA, California State Univ., Bakersfield, USA

Discussant: Hyunkyung LEE, Hanyang Univ., Korea

Coffee Break: 10:00–10:30

10:30–11:15

The effects of a new administrative city construction on the relief of population overconcentration in Korea's capital region

Ji Hyeon LEE, Chung-Ang Univ., Korea, Myung Jin JUN, Chung-Ang Univ., Korea

Discussant: Anthony ORLANDO, Univ. Southern California, Los Angeles, USA

11:15–12:00

The location of hosted asylum seekers in OECD regions and cities

Paola PROIETTI, Gran Sasso Science Inst., L'Aquila, Italy, Paolo VENERI, OECD and Gran Sasso Science Inst., L'Aquila, Italy, Alessandra FAGGIAN, Gran Sasso Science Inst., L'Aquila, Italy

Discussant: Anja ROSSEN, Inst. Employment Research (IAB), Germany

Monday, 8:30 AM–12:00 PM

Paper Session 1D ~

Regional Economic Development Project Team Workshop (with observers also welcome)

Chair: Timothy SLAPER, Indiana University, Bloomington, USA

Monday, 8:30 AM–12:00 PM

Paper Session 1E ~

Estimating Property and Land Values

Chair: Donald SHOUP, Univ. California, Los Angeles, USA

8:30–9:15

Build rail and receive higher property value? --to grasp the change in property values

Lina JONSSON, WSP, Sweden, Ingemar BENGTTSSON, Lund Univ., Sweden, Peter ALMSTRÖM, WSP, Sweden, Fredrik KOPSCH, Lund Univ., Sweden

Discussant: Julia HARTEN, Univ. Southern California, Los Angeles, USA

9:15–10:00

Land price variation between 2000 and 2014 as an effect of rail transit stations: The case of Dallas-Fort Worth Region

Saad M. ALQUHTANI, Najran Univ., Saudi Arabia, Art ANJOMANI, Univ. Texas, Arlington, USA

Discussant: WEI KANG, Arizona State Univ., Tempe, USA

Coffee Break: 10:00–10:30

10:30–11:15

The impact of air quality on house prices: An investigation into the actual and perceived willingness to pay for clean air

Matt GNAGEY, Weber State Univ., Ogden, Utah, USA

Discussant: Herman DONNER, Royal Inst. Technology (KTH), Stockholm, Sweden

11:15–12:00

Quantifying the effects of local control in community governance for public goods provision: A study of special districts and housing prices

Brian AN, Univ. Southern California, Los Angeles, USA

Discussant: Donald SHOUP, Univ. California, Los Angeles, USA

Monday, 8:30 AM–12:00 PM

Paper Session 1F ~

Economic Effects of Disasters

Chair: Dan RICKMAN, Oklahoma State Univ., Stillwater, USA

8:30–9:15

The economic benefit of three-stage flood early warning system in Korea

Minjeong KANG, Seoul National Univ., Korea, Donghwan AHN, Seoul National Univ., Korea

Discussant: Suminori TOKUNAGA, Reitaku Univ., Japan

9:15–10:00

Impacts of the Great East Japan Earthquake on manufacturing production: Using spatial econometric model

Suminori TOKUNAGA, Reitaku Univ., Japan, Maria IKEGAWA, MAFF in Japan

Discussant: Dan RICKMAN, Oklahoma State Univ., Stillwater, USA

Coffee Break: 10:00–10:30

10:30–11:15

Evaluating economic damage caused by the tsunami: A study on the resilience of Aichi Prefecture in Japan

Ryota HANAOKA, Toyohashi Univ. Technology, Japan, Hiroyuki SHIBUSAWA, Toyohashi Univ. Technology, Japan, Yuzuru MIYATA, Toyohashi Univ. Technology, Japan

Discussant: Noah DORMADY, Ohio State Univ., Columbus, USA

11:15–12:00

Estimating the economic effects of climate change and SLR: Synthesis of methods applied to coastal California

Fernando DEPAOLIS, Middlebury Inst., Monterey, California, USA, Charles COLGAN, Middlebury Inst., Monterey, California, USA,

Philip KING, San Francisco State Univ., California, USA

Discussant: Dan WEI, Univ. Southern California, Los Angeles, USA

Monday, 1:30–5:00 PM

Paper Session 2A ~

Economic Responses to Change

Chair: Peter STENBERG, U.S. Dept. Agriculture, Washington, DC, USA

1:30–2:15

Analysis on the effectiveness and income redistribution effect of zero rating to value-added Tax on machinery and materials for agriculture, livestock industry, forestry, or fishery

Sangwon LEE, Seoul National Univ., Korea, Kwansoo KIM, Seoul National Univ., Korea

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

2:15–3:00

The Ricardian model of climate change impact with interregional trade flows: Evidence from the U.S. agriculture

Zhangliang CHEN, Univ. Illinois, Urbana-Champaign, USA, Sandy DALL ERBA, Univ. Illinois, Urbana-Champaign, USA

Discussant: Yoojin YI, Seoul National Univ., Korea

Coffee Break: 3:00–3:30

3:30–4:15

Resilience to a cyber-attack on the automobile industry: A Computable General Equilibrium approach

Adam ROSE, Univ. Southern California, Los Angeles, USA, Zhenhua CHEN, Ohio State Univ., Columbus, USA

Discussant: Jiaochen LIANG, California State Univ., Fresno, USA

4:15–5:00

The effect of the 9/11 terrorist attacks on local tax levies for fire, police, and EMS departments

David BRASINGTON, Univ. Cincinnati, Ohio, USA

Discussant: Peter STENBERG, U.S. Dept. Agriculture, Washington, DC, USA

Monday, 1:30–5:00 PM

Paper Session 2B ~

Quality of Life and Development

Chair: Maria ABREU, Univ. Cambridge, United Kingdom

1:30–2:15

Integrative diversification of wellness tourism services in rural areas - An operational framework model applied to East Hokkaido (Japan)

Joao ROMAO, Hokkaido Univ., Japan, Kazuo MACHINO, Hokkaido Univ., Japan, Peter NIJKAMP, Tinbergen Inst., The Netherlands

Discussant: Maria ABREU, Univ. Cambridge, United Kingdom

2:15–3:00

Social capital creation through community place branding

Steven NELSON, Univ. North Texas, Denton, USA, Michael CARROLL, Univ. North Texas, Denton, USA

Discussant: Orsa KEKEZI, Jonkoping International Business School, Sweden

Coffee Break: 3:00–3:30

3:30–4:15

Urban quality of life and capabilities: An experimental study

Bianca BIAGI, Univ. Sassari / GSSI, L'Aquila, Italy

Discussant: Hans WESTLUND, Royal Inst. Technology (KTH)

4:15–5:00

The impact of social networks on local participation: A discrete choice experiment

Rixt BIJKER, Free Univ., Amsterdam, The Netherlands, Paul KOSTER, Vrije Univ. Amsterdam, The Netherlands, Eveline VAN LEEUWEN, Wageningen Univ., The Netherlands

Discussant: Alexandra TSVETKOVA, Ohio State Univ., Columbus, USA

Monday, 1:30–5:00 PM

Paper Session 2C ~

Spatial Demography

Chair: Bruce NEWBOLD, McMaster Univ, Hamilton, Ontario, Canada

1:30–2:15

Can income based sorting modify patterns of ethnic segregation: Re-evaluating Schelling outcomes in neighborhoods in Sweden

Bo MALMBERG, Stockholm Univ., Sweden, William CLARK, Univ. California, Los Angeles, USA

Discussant: Özge ÖNER, Jönköping International Business School, Sweden

2:15–3:00

Spatial metrics for urban population loss

Rachel S. FRANKLIN, Brown Univ., Providence, Rhode Island, USA, Eric SEYMOUR, Brown Univ., Providence, Rhode Island, USA

Discussant: Bumsoo LEE, Univ. Illinois, Champaign-Urbana, USA

Coffee Break: 3:00–3:30

3:30–4:15

Location choice of refugees in the hosting country -- The Swedish case

Özge ÖNER, Jönköping International Business School, Sweden, Alessandra FAGGIAN, Gran Sasso Science Inst., L'Aquila, Italy

Discussant: Paola PROIETTI, Gran Sasso Science Inst., L'Aquila, Italy

4:15–5:00

A people-based density perspective on physical/virtual world spaces in the microcosmic city

David PLANE, Univ. Arizona, Tucson, USA, Wangshu MU, Univ. Arizona, Tucson, USA

Discussant: Bruce NEWBOLD, McMaster Univ, Hamilton, Ontario, Canada

Monday, 1:30–5:00 PM

Paper Session 2D ~

Labor Markets and Wages

Chair: Gordon MULLIGAN, Univ. Arizona, Tucson, USA

1:30–2:15

The role of delineating labour markets in estimating cohort size-wage effects

Duncan ROTH, Inst. Employment Research, Germany

Discussant: Jae Hong KIM, Univ. California, Irvine, USA

2:15–3:00

Knowledge spillovers and wage inequality: Side effects of concentrations of highly educated workers in U.S. metro areas

Rodrigo PEREZ-SILVA, Ohio State Univ., Columbus, USA, Mark D. PARTRIDGE, Ohio State Univ., Columbus, USA

Discussant: Gordon MULLIGAN, Univ. Arizona, Tucson, USA

Coffee Break: 3:00–3:30

3:30–4:15

Agglomeration and firm wage inequality: Evidence from China

Anping CHEN, Jinan Univ., China, Tianshi DAI, Jinan Univ., China, Mark D. PARTRIDGE, Ohio State Univ., Columbus, USA

Discussant: Juan Carlos LOPEZ, Univ. Denver, Colorado, USA

4:15–5:00

Gender income differentials in urban South Korea

Yuri MANSURY, Illinois Inst. Technology, Chicago, USA

Discussant: Kevin KANE, Southern California Assoc. Governments, Los Angeles, USA

Monday, 1:30–5:00 PM

Paper Session 2E ~

Housing and Real Estate

Chair: Jack OSMAN, San Jose State Univ., California, USA

1:30–2:15

Impact analysis of housing tax policies on housing demands using a Computable General Equilibrium model of housing market

Euijune KIM, Seoul National Univ., Korea, Inseok MOON, Savills Korea, Ayoung KIM, Mississippi State Univ., Starkville, USA, Haeun JO, Seoul National Univ., Korea

Discussant: Brian AN, Univ. Southern California, Los Angeles, USA

2:15–3:00

Converting garages into houses

Anne BROWN, Univ. California, Los Angeles, USA, Vinit MUKHIJA, Univ. California, Los Angeles, USA, Donald SHOUP, Univ. California, Los Angeles, USA

Discussant: Art ANJOMANI, Univ. Texas, Arlington, USA

Coffee Break: 3:00–3:30

3:30–4:15

The impact of leasehold status on apartment price

Herman DONNER, Royal Inst. Technology (KTH), Stockholm, Sweden, Fredrik KOPSCH, Lund Univ., Sweden

Discussant: Matt GNAGEY, Weber State Univ., Ogden, Utah, USA

4:15–5:00

Revisiting the informal housing challenge through the eyes of Tiebout and Alonso

Eric J. HEIKKILA, University of Southern California, Julia HARTEN, Univ. Southern California, Los Angeles, USA

Discussant: Fredrik KOPSCH, Lund Univ., Sweden

Monday, 1:30–5:00 PM

Paper Session 2F ~

Energy and Power

Chair: Matthias RUTH, Northeastern Univ., Boston, Massachusetts, USA

1:30–2:15

Determinants of residential solar photovoltaic adoption

Makena COFFMAN, Univ. Hawaii, Manoa, USA, Scott ALLEN, Univ. Hawaii, Manoa, USA, Sherilyn WEE, Univ. Hawaii, Manoa, USA

Discussant: Fernando DEPAOLIS, Middlebury Inst., Monterey, California, USA

2:15–3:00

Who pays for retail electric deregulation?: Evidence of cross-subsidization from complete bill data

Noah DORMADY, Ohio State Univ., Columbus, USA, Matthew HOYT, Exeter Associates, Alfredo ROA-HENRIQUEZ, Ohio State Univ., Columbus, USA, William WELCH, Ohio State Univ., Columbus, USA

Discussant: Matthias RUTH, Northeastern Univ., Boston, Massachusetts, USA

Coffee Break: 3:00–3:30

3:30–4:15

The recent U.S. oil and gas boom and bust: A synthetic control method state-level analysis

Dan RICKMAN, Oklahoma State Univ., Stillwater, USA, Hongbo WANG, Oklahoma State Univ., Stillwater, USA

Discussant: Hiroyuki SHIBUSAWA, Toyohashi Univ. Technology, Japan

4:15–5:00

Economic consequences of and resilience to a disruption of petroleum trade: The role of seaports in U.S. energy security

Adam ROSE, Univ. Southern California, Los Angeles, USA, Dan WEI, Univ. Southern California, Los Angeles, USA, Donald PAUL, Univ. Southern California, Los Angeles, USA

Discussant: Minjeong KANG, Seoul National Univ., Korea

Monday, 1:30–5:00 PM

Paper Session 2G ~

The Keith Schwer Memorial Western States Economic Outlook: After a Year of the Trump Administration

Chair: Richard WOBBEKIND, Univ. Colorado, Boulder, USA

Arizona

George HAMMOND, Univ. Arizona, Tucson, USA

Southern California

Raymond SFEIR, Chapman Univ., California, USA

Northern California

Jeffrey MICHAEL, Univ. Pacific, Stockton, California, USA

Colorado

Richard WOBBEKIND, Univ. Colorado, Boulder, USA

Coffee Break: 3:00–3:30

Nevada

Stephen MILLER, Univ. Nevada, Las Vegas, USA

Utah

Juliette TENNERT, Univ. Utah, Salt Lake City, USA

Washington

R. Pete PARCELLS, Whitman College, Walla Walla, Washington, USA

Monday, 5:15–7:30 PM

6th Annual Getis-Ord Lecture in Spatial Analysis

Chair: Arthur GETIS, San Diego State Univ., California, USA

“Rethinking History: The Legacy of Earlier Technological Constraints”

Michael F. GOODCHILD, Univ. California, Santa Barbara, USA

Discussant: Luc ANSELIN, Univ. Chicago, Illinois, USA

Tuesday, February 13

8:00 AM–12:15 PM, Registration

8:30 AM–12:00 PM, Concurrent Sessions:

- 3A** Spatial Statistics and GIS
- 3B** People and Place
- 3C** Entrepreneurship
- 3D** Inducing Innovation
- 3E** Local Public Finance I
- 3F** Environmental Economics I

10:00–10:30 AM, Coffee Break

12:15–2:15 PM, Annual Banquet Luncheon

2:15–6:00 PM, Registration Continues

2:30–6:00 PM, Concurrent Sessions:

- 4A** Economic Development
- 4B** Employment and Human Capital
- 4C** Urban Spatial Structure and Agglomeration
- 4D** Productivity and Trade
- 4E** Local Public Finance II
- 4F** Environmental Economics II

4:00–4:30 PM, Coffee Break

6:15–7:45 PM, President's Reception

Tuesday, 8:30 AM–12:00 PM

Paper Session 3A ~

Spatial Statistics and GIS

Chair: Sergio REY, Univ. California, Riverside, USA

8:30–9:15

A spatial perspective on the econometrics of program evaluation

Luc ANSELIN, Univ. Chicago, Illinois, USA, Marynia KOLAK, Univ. Chicago, Illinois, USA

Discussant: Sandy DALL ERBA, Univ. Illinois, Urbana-Champaign, USA

9:15–10:00

Regional and Local Analyses of TANF Policy Choices During the Great Recession

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

Discussant: Isha RAJBHANDARI, Univ. Puget Sound, Tacoma, Washington, USA

Coffee Break: 10:00–10:30

10:30–11:15

Assessing performance of global and local indicators of mobility association under spatial autocorrelation

WEI KANG, Arizona State Univ., Tempe, USA, Sergio REY, Univ. California, Riverside, USA

Discussant: Arthur GETIS, San Diego State Univ., California, USA

11:15–12:00

Spatial Analytics for Exploring Retail Gasoline Price Variability

Jing XU, Univ. California, Santa Barbara, USA, Alan MURRAY, Univ. California, Santa Barbara, USA

Discussant: Sergio REY, Univ. California, Riverside, USA

Tuesday, 8:30 AM–12:00 PM

Paper Session 3B ~

People and Place

Chair: Jouke VAN DIJK, Univ. Groningen, The Netherlands

8:30–9:15

Rail transit station openings and household mobility decisions

Seva RODNYANSKY, Univ. Southern California, Los Angeles, USA, Allen PROHOFSKY, California Franchise Tax Board, USA

Discussant: Robert MANDUCA, Harvard Univ., Cambridge, Massachusetts, USA

9:15–10:00

Insights into public transit use by Millennials: The Canadian experience

Bruce NEWBOLD, McMaster Univ, Hamilton, Ontario, Canada, Darren SCOTT, McMaster Univ., Hamilton, Ontario, Canada

Discussant: Seva RODNYANSKY, Univ. Southern California, Los Angeles, USA

Coffee Break: 10:00–10:30

10:30–11:15

Urban revival by Millennials? Net migration patterns of Millennials in top twenty U.S. urban areas, 2000-2010

Bumsoo LEE, Univ. Illinois, Champaign-Urbana, USA, Yongsung LEE, Georgia Inst. Technology, Atlanta, USA

Discussant: Bo MALMBERG, Stockholm Univ., Sweden

11:15–12:00

Housing and residential location choice of older movers: Implications in an aged society

Sungyop KIM, Univ. Missouri, Kansas City, USA

Discussant: Jouke VAN DIJK, Univ. Groningen, The Netherlands

Tuesday, 8:30 AM–12:00 PM

Paper Session 3C ~

Entrepreneurship

Chair: Eveline VAN LEEUWEN, Wageningen Univ., The Netherlands

8:30–9:15

The entrepreneurship of rural migrants in urbanizing China

Pengyu ZHU,

Discussant: Bianca BIAGI, Univ. Sassari / GSSI, L'Aquila, Italy

9:15–10:00

Feeling good? Household heterogeneity and spatial variations in entrepreneurial wellbeing

Maria ABREU, Univ. Cambridge, United Kingdom, Özge ÖNER, Jönköping International Business School, Sweden, Aleid BROUWER, Univ. Groningen, The Netherlands, Eveline VAN LEEUWEN, Wageningen Univ., The Netherlands

Discussant: Steven NELSON, Univ. North Texas, Denton, USA

Coffee Break: 10:00–10:30

10:30–11:15

Political institutional change and local entrepreneurship: How does a change in the municipal government impact the local business climate?

Orsa KEKEZI, Jonkoping International Business School, Sweden, Johan P. LARSSON, Jonkoping International Business School, Sweden, Özge ÖNER, Jönköping International Business School, Sweden

Discussant: Eveline VAN LEEUWEN, Wageningen Univ., The Netherlands

11:15–12:00

Knowledge-based service economy and firm entry: An alternative to the Knowledge Spillover Theory of Entrepreneurship

Alexandra TSVETKOVA, Ohio State Univ., Columbus, USA, Mark D. PARTRIDGE, Ohio State Univ., Columbus, USA

Discussant: Joao ROMAO, Hokkaido Univ., Japan

Tuesday, 8:30 AM–12:00 PM

Paper Session 3D ~

Inducing Innovation

Chair: Janet KOHLHASE, Univ. Houston, Texas, USA

8:30–9:15

The spatial scale of (all) industrial clusters and their effect on innovation

Li FANG, Univ. Maryland, College Park, USA

Discussant: Therese NORMAN-MONROE, Jönköping International Business School, Sweden

9:15–10:00

Social capital, local protectionism and regional innovation in China

Ailun XIONG, Chongqing Univ. Technology and Business, China, Hans WESTLUND, Royal Inst. Technology (KTH), Hongyi LI, Chinese Univ. Hong Kong

Discussant: Deepak SETHIA, Indian Institute of Management Indore, India

Coffee Break: 10:00–10:30

10:30–11:15

Determinants of innovation in Brazilian regions: Evidence from spatial panel data.

Veneziano ARAUJO, Univ. Federal de Sao Paulo, Brazil, Renato GARCIA, Univ. Campinas, Brazil

Discussant: Rafael GARDUNO-RIVERA, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)

11:15–12:00

The role of firms' location on persistence of various types of innovation

Charlie KARLSSON, Jönköping International Business School, Sweden, Sam TAVASSOLI, Royal Melbourne Inst. Technology, Australia

Discussant: Janet KOHLHASE, Univ. Houston, Texas, USA

Tuesday, 8:30 AM–12:00 PM

Paper Session 3E ~

Local Public Finance I

Chair: George HAMMOND, Univ. Arizona, Tucson, USA

8:30–9:15

Public-private projects, (3Ps), financing of urban healthcare infrastructure in Québec

Michael FARRELL, Univ. Québec, Canada

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

9:15–10:00

Leadership in tax and public investment competition

Ajay SHARMA, Indian Inst. Management Indore, India, Rupayan PAL, IGIDR, India

Discussant: Matts ANDERSSON, Royal Inst. Technology (KTH), Stockholm, Sweden

Coffee Break: 10:00–10:30

10:30–11:15

Creative accounting under negotiations about municipal mergers

Tsuyoshi GOTO, Osaka Univ., Japan, Mika KANDA, Osaka Univ., Japan, Genki YAMAMOTO, Osaka Univ., Japan

Discussant: Steven CRAIG, Univ. Houston, Texas, USA

11:15–12:00

Public provision of a private good: The case of police response to electronic alarms

Erwin A. BLACKSTONE, Temple Univ., Philadelphia, USA, Simon HAKIM, Temple Univ., Philadelphia, Pennsylvania, USA, Brian MEEHAN, Berry College

Discussant: George HAMMOND, Univ. Arizona, Tucson, USA

Tuesday, 8:30 AM–12:00 PM

Paper Session 3F ~

Environmental Economics I

Chair: Makena COFFMAN, Univ. Hawaii, Manoa, USA

8:30–9:15

A regional impact study of afforestation on climate change in Korea -- Focusing on the economies of CO2 reduction

Yaerin YOON, Seoul National Univ., Korea, Donghwan AHN, Seoul National Univ., Korea, Kwansoo KIM, Seoul National Univ., Korea

Discussant: Makena COFFMAN, Univ. Hawaii, Manoa, USA

9:15–10:00

Evaluating the environmental load reduction in Mikawa Bay using the inter-regional input-output model

Katsuhiro SAKURAI, Risho Univ., Japan, Hiroyuki SHIBUSAWA, Toyohashi Univ. Technology, Japan, Risa OCHIAI, Toyohashi Univ. Technology, Japan, Yuzuru MIYATA, Toyohashi Univ. Technology, Japan

Discussant: Chang SEUNG, NOAA Fisheries, USA

Coffee Break: 10:00–10:30

10:30–11:15

Is there an urban-rural divide in stated preferences for protecting endangered species?

Daniel LEW, NOAA Fisheries, USA

Discussant: Jae Ik KIM, Keimyung Univ., Korea

11:15–12:00

Incorporating risk and uncertainty in the estimation of benefits for Benefit-Cost Analysis

Steven PIPER, Bureau of Reclamation, USA

Discussant: Yaerin YOON, Seoul National Univ., Korea

Tuesday, 12:15–2:15 PM

Annual Banquet Luncheon

Chair:

Alan MURRAY, Univ. California, Santa Barbara, USA
and 58th WRSA President

Announcements:

Rachel S. FRANKLIN, Brown Univ., Providence, Rhode Island, USA

The 22nd Springer-Verlag Prize:

Euijune KIM, Seoul National Univ., Korea, Janet KOHLHASE, Univ. Houston, Texas, USA

The 32nd Charles M. Tiebout Prize:

Bruce NEWBOLD, McMaster Univ, Hamilton, Ontario, Canada

NARSC Award Presentation:

Dan RICKMAN, Oklahoma State Univ., Stillwater, USA

Presidential Address:

Regional Science in a Resource-Constrained World

Matthias RUTH, Northeastern Univ., Boston, Massachusetts, USA

Discussant:

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

Tuesday, 2:30–6:00 PM

Paper Session 4A ~

Economic Development

Chair: Lay James GIBSON, Univ. Arizona, Tucson, USA

2:30–3:15

The "New Silk Road" in the Context of Eurasia's Post-1960 Trade Trajectory

Nathan HUTSON, Univ. Southern California, Los Angeles, USA

Discussant: Eric J HEIKKILA, University of Southern California

3:15–4:00

History versus expectations in economic geography: An experimental analysis

Stein ØSTBYE, Uit The Arctic Univ. Norway

Discussant: Euijune KIM, Seoul National Univ., Korea

Coffee Break: 4:00–4:30

4:30–5:15

Poverty and nongovernmental organizations in Nepal: Some distributional observations

Jitendra PARAJULI, George Mason Univ., Fairfax, Virginia, USA, Kingsley HAYNES, George Mason Univ., Fairfax, Virginia, USA

Discussant: Lay James GIBSON, Univ. Arizona, Tucson, USA

5:15–6:00

Stabilize the peasant economy: Governance of foreclosure by the Shogunate

Yu MANDAI, Osaka Municipal Library, Japan, Masaki NAKABAYASHI, Univ. Tokyo, Japan

Discussant: Roger R. STOUGH, George Mason Univ., Fairfax, Virginia, USA

Tuesday, 2:30–6:00 PM

Paper Session 4B ~

Employment and Human Capital

Chair: R. Pete PARCELLS, Whitman College, Walla Walla, Washington, USA

The fate of the middleman in the information age: The role of human capital in the growth of wholesale services in Sweden

Therese NORMAN-MONROE, Jönköping International Business School, Sweden

Discussant: Marynia KOLAK, Univ. Chicago, Illinois, USA

Boomtowns and occupations: Types of jobs created by shale gas boom

Isha RAJBHANDARI, Univ. Puget Sound, Tacoma, Washington, USA, Alessandra FAGGIAN, Gran Sasso Science Inst., L'Aquila, Italy,

Mark D. PARTRIDGE, Ohio State Univ., Columbus, USA

Discussant: Johan P. LARSSON, Jonkoping International Business School, Sweden

Labor force diversity and firm survival

Mikaela BACKMAN, Jönköping International Business School, Sweden, Janet KOHLHASE, Univ. Houston, Texas, USA

Discussant: Jaewon LIM, Univ. Nevada, Las Vegas, USA

Tuesday, 2:30–6:00 PM

Paper Session 4C ~

Urban Spatial Structure and Agglomeration

Chair: David PLANE, Univ. Arizona, Tucson, USA

2:30–3:15

The intra-urban spatial interactions among employment centers: Evidence from commuting patterns in the Los Angeles metropolitan area

Yuting HOU, Singapore Univ. Technology and Design

Discussant: Eric SEYMOUR, Brown Univ., Providence, Rhode Island, USA

3:15–4:00

Asset markets, credit markets, and inequality: Distributional changes in housing, 1970-2016

Anthony ORLANDO, Univ. Southern California, Los Angeles, USA

Discussant: Stephan GOETZ, Pennsylvania State University

Coffee Break: 4:00–4:30

4:30–5:15

The spatial structure of U.S. Metropolitan employment: New insights from LODES data

Robert MANDUCA, Harvard Univ., Cambridge, Massachusetts, USA

Discussant: David PLANE, Univ. Arizona, Tucson, USA

5:15–6:00

Agglomeration in Southern California

Peter GORDON, Univ. Southern California, Los Angeles, USA, John CHO, Southern California Assoc. Governments, Los Angeles, USA

Discussant: Peter NIJKAMP, Tinbergen Inst., The Netherlands

Tuesday, 2:30–6:00 PM

***Paper Session 4D ~
Productivity and Trade***

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

2:30–3:15

Total factor productivity for Mexican cities using stochastic frontier models

Rafael GARDUNO-RIVERA, Centro de Investigacion y Docencia Economicas, A.C. (CIDE), Hector NUNEZ, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)

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

3:15–4:00

Measuring the gap: Vertical and horizontal distribution of fiscal resources in India

Deepak SETHIA, Indian Institute of Management Indore, India

Discussant: El Mouhoub MOUHOUD, Univ. Paris Dauphine, France

Coffee Break: 4:00–4:30

4:30–5:15

Incorporating port-level foreign trade data into IMPLAN's gravity model to estimate region-specific foreign trade rates

Jennifer THORVALDSON, IMPLAN Group, USA, James SQUIBB, IMPLAN Group, USA

Discussant: Jonghoon PARK, Seoul National Univ., Korea

5:15–6:00

Identifying coal impacted counties: A county-level supply chain analysis

Randall JACKSON, West Virginia Univ., Morgantown, USA, Péter JÁROSI, West Virginia Univ., Morgantown, USA

Discussant: Timothy SLAPER, Indiana Univ., Bloomington, USA

Tuesday, 2:30–6:00 PM

***Paper Session 4E ~
Local Public Finance II***

Chair: David BRASINGTON, Univ. Cincinnati, Ohio, USA

2:30–3:15

Inequality in public school expenditures across space and time

Christopher BIOLSI, Western Kentucky Univ., USA, Steven CRAIG, Univ. Houston, Texas, USA, Amrita DHAR, Univ. Mary Washington, Virginia, USA, Bent E. SØRENSEN, Univ. Houston, and CEPR, Texas, USA

Discussant: David BRASINGTON, Univ. Cincinnati, Ohio, USA

3:15–4:00

How incentives for regional co-financing depends on the type of investment

Matts ANDERSSON, Royal Inst. Technology (KTH), Stockholm, Sweden, Åsa HANSSON, Royal Inst. Technology (KTH), Stockholm, Sweden, Fredrik KOPSCH, Lund Univ., Sweden

Discussant: Tsuyoshi GOTO, Osaka Univ., Japan

Coffee Break: 4:00–4:30

4:30–5:15

What determines tax incentives and how effective are they

Åsa HANSSON, Royal Inst. Technology (KTH), Stockholm, Sweden, Susan PORTER, Univ. Virginia, Charlottesville, USA, Susan PORTER, Univ. Virginia, Charlottesville, USA

Discussant: Ajay SHARMA, Indian Inst. Management Indore, India

5:15–6:00

State and local sales taxes and business activity in the United States

Mehmet TOSUN, Univ. Nevada, Reno, USA

Discussant: Michael FARRELL, Univ. Québec, Canada

Tuesday, 2:30–6:00 PM

Paper Session 4F ~

Environmental Economics II

Chair: Daniel LEW, NOAA Fisheries, USA

2:30–3:15

A multi-regional economic impact analysis of Alaska salmon fishery failures

Chang SEUNG, NOAA Fisheries, USA

Discussant: Katsuhiro SAKURAI, Risho Univ., Japan

3:15–4:00

Export diversification and ecological footprint: a comparative study on EKC theory among Korea, Japan and China

Hongbo LIU, Seoul National Univ., Korea, Hanho KIM, Seoul National Univ., Korea

Discussant: Adam ROSE, Univ. Southern California, Los Angeles, USA

Coffee Break: 4:00–4:30

4:30–5:15

Big freight magnets in my backyard: A longitudinal study of environmental justice in warehousing location

Quan YUAN, Univ. Southern California, Los Angeles, USA

Discussant: Daniel LEW, NOAA Fisheries, USA

5:15–6:00

New development, redevelopment and land surface temperature

Jae Ik KIM, Keimyung Univ., Korea, Bonil GOO, Keimyung Univ., Korea, Chang Hwan YEO, Daegu Univ., Korea

Discussant: Steven PIPER, Bureau of Reclamation, USA

Tuesday, 6:15–7:45 PM

President's Reception

Wednesday, February 14

8:00 AM–12:15 PM, **Registration**

8:30 AM–12:00 PM, **Concurrent Sessions:**

- 5A** GIS and Locational Analysis I
- 5B** Transportation I
- 5C** Location Matters
- 5D** Development in Remote Regions
- 5E** The Regional Science Academy Session
- 5F** Dealing With Disasters

10:00–10:30 AM, **Coffee Break**

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

1:30–5:00 PM, **Concurrent Sessions:**

- 6A** GIS and Locational Analysis II
- 6B** Transportation II
- 6C** Mobility and Migration
- 6D** Borders and Trade
- 6E** Sources of Economic Growth
- 6F** Land Use and the Environment

3:00–3:30 PM, **Coffee Break**

(5:00 PM, *End of Conference*)

Wednesday, 8:30 AM–12:00 PM

Paper Session 5A ~

GIS and Locational Analysis I

Chair: Daoqin TONG, Arizona State Univ., Tempe, USA

8:30–9:15

Addressing spatial allocation: Planning for drone-based emergency medical service

Xin FENG, Univ. California, Santa Barbara, USA, Alan MURRAY, Univ. California, Santa Barbara, USA

Discussant: Wen CHENG, California State Polytechnic Univ., USA

9:15–10:00

Identification of high crash-risk zones in Southern California

Yongping ZHANG, California State Univ., USA, Tom VO, Southern California Assoc. Governments, Los Angeles, USA, Frank WEN, Southern California Assoc. Governments, Los Angeles, USA, Gurdiljot GILL, California State Univ., USA, Wen CHENG, California State Polytechnic Univ., USA

Discussant: Daoqin TONG, Arizona State Univ., Tempe, USA

Coffee Break: 10:00–10:30

10:30–11:15

Comparisons of logistic regression and artificial neural networks in predicting urban land use conversion in Seoul

Myung Jin JUN, Chung-Ang Univ., Korea

Discussant: F. Antonio MEDRANO, Univ. California, Santa Barbara, USA

11:15–12:00

Built environment contributing factors to a dominant collision type at intersection level

Dohyung KIM, California State Polytechnic Univ., Pomona, USA, Tom VO, Southern California Assoc. Governments, Los Angeles, USA, Hina M. CHANHLANI, California Polytechnic State Univ., Pomona, USA

Discussant: Alan MURRAY, Univ. California, Santa Barbara, USA

Wednesday, 8:30 AM–12:00 PM

Paper Session 5B ~

Transportation I

Chair: Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA

8:30–9:15

Would gasoline cars vanish in 8 years?

Tschangho John KIM, Univ. Illinois, Urbana-Champaign, USA

Discussant: Zhenhua CHEN, Ohio State Univ., Columbus, USA

9:15–10:00

The influence of attitudes on university bicycle commuting: Considering bicycling experience levels

Mi NAMGUNG, Pusan National Univ., Korea, Hee-Jung JUN, Sungkyunkwan University

Discussant: Aisling REYNOLDS-FEIGHAN, Univ. College Dublin, Ireland

Coffee Break: 10:00–10:30

10:30–11:15

Stigmatized public transportation? An understanding of its perception

Kh Md NAHIDUZZAMAN, King Fahd Univ. Petroleum & Minerals (KFUPM), Saudi Arabia, Adel S. ALDOSARY, King Fahd Univ.

Petroleum and Minerals, Saudi Arabia, Md Golam MORTOJA, King Fahd Univ. Petroleum & Minerals (KFUPM), Saudi Arabia

Discussant: Jieun JEONG, Gyeonggi Research Inst., Korea

11:15–12:00

The CTPP workplace data for transportation planning: A systematic review

Jung SEO, Southern California Assoc. Governments, Los Angeles, USA, Tom VO, Southern California Assoc. Governments, Los

Angeles, USA, Shinhee LEE, Univ. Southern California, Los Angeles, USA, Frank WEN, Southern California Assoc. Governments, Los

Angeles, USA, Simon CHOI, Chung-Ang Univ., Korea

Discussant: Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA

Wednesday, 8:30 AM–12:00 PM

Paper Session 5C ~

Location Matters

Chair: Mark BROWN, Statistics Canada, Ottawa

8:30–9:15

Warehouse location choice: A case study in Los Angeles, CA

Sanggyun KANG, Univ. Southern California, Los Angeles, USA

Discussant: Man-Keun KIM, Utah State Univ., Logan, USA

9:15–10:00

Dynamics of retail colocation using longitudinal geo-coded data

Özge ÖNER, Jönköping International Business School, Sweden, Johan P. LARSSON, Jonköping International Business School, Sweden

Discussant: Mark BROWN, Statistics Canada, Ottawa

Coffee Break: 10:00–10:30

10:30–11:15

Firm relocation and age-dependent reliance on agglomeration externalities

Yoojin YI, Seoul National Univ., Korea

Discussant: Karl GEISLER, New Mexico State Univ., Las Cruces, USA

11:15–12:00

Spatial agglomeration and firm performance in the U.S.

Ayoung KIM, Mississippi State Univ., Starkville, USA, Michael S. DELGADO, Purdue Univ., West Lafayette, Indiana, USA

Discussant: Stephen C. COOKE, Alward Inst., USA

Wednesday, 8:30 AM–12:00 PM

Paper Session 5D ~

Development in Remote Regions

Chair: Douglas N. JONES, Ohio State Univ., Columbus, USA

8:30–9:15

Resource development rents: Can it promote indigenous community sustainable development?

Thierry RODON, Laval Univ., Québec, Canada, Stephan SCHOTT, Carleton Univ., Canada, Isabel LEMUS-LAUZON, Laval Univ., Québec, Canada

9:15–10:00

Breaking up was hard to do: The cost of ending the Faro Mine project

Chris SOUTHCOFF, Lakehead Univ., Canada, Lee HUSKEY, Univ. Alaska, Anchorage, USA

10:00–10:45

On contractual arrangements in remote regions

Agnès FESTRÉ, Univ. Nice, France, Stein ØSTBYE, Uit The Arctic Univ. Norway, Jan Yngve SAND, UiT The Arctic Univ. Norway

Coffee Break: 10:45–11:15

11:15–12:00

Federal contracting with regional Alaska Native Corporations: The changing mix of competitive and noncompetitive contracts

Greg PROTASEL, Univ. Alaska, Anchorage, USA

12:00–12:45

Racism, economics and identity: What the Alaska state seal should portray

Terrence COLE, Univ. Alaska, Fairbanks, USA

Wednesday, 8:30 AM–12:00 PM

Paper Session 5E ~

The Regional Science Academy Session

Chair: Peter NIJKAMP, Tinbergen Inst., The Netherlands

Great Mind Presentation: Waldo Tobler

Arthur GETIS, San Diego State Univ., California, USA

Urban cultural vanguards

Edward GLAESER, Harvard Univ., Cambridge, Massachusetts, USA, Karima KOURTIT, Royal Inst. Technology (KTH), Stockholm, Sweden, Peter NIJKAMP, Tinbergen Inst., The Netherlands

Frontiers of entrepreneurship and economic development research

Roger R. STOUGH, George Mason Univ., Fairfax, Virginia, USA

Ex Libris Session:

Johan Von Thunen: Der Isolierte Staat un Beziehung und Landwirt Schaft und Nationalokonomie

Antoine BAILLY, Univ. Genève, Switzerland

John A. Chipman: External Economies of Scale and Competitive Equilibrium, QJE, 84(3), 347-385

Yoshiro HIGANO, Univ. Tsukuba, Japan

William Garrison (1960): Connectivity of the Interstate Highway System, Papers of Regional Science Association, 6, 121-137

David PLANE, Univ. Arizona, Tucson, USA

Solving the p-median problem on regular and lattice networks

Rick CHURCH, Univ. California, Santa Barbara, USA, Shaohua WANG, Univ. California, Santa Barbara, USA

Impacts of negative spatial autocorrelation on frequency distributions

Daniel A. GRIFFITH, Univ. Texas, Dallas, USA

Wednesday, 8:30 AM–12:00 PM

Paper Session 5F ~

Dealing With Disasters

Chair: Pia NILSSON, Jönköping International Business School, Sweden

8:30–9:15

How global trade is fueling California's Great Draught: Teleconnecting local production to global consumption using a nested MRIO approach

ChangKeun PARK, Korea Environment Inst., Jiyoung PARK, Univ. Buffalo, New York, USA, Kuishuang FENG, Univ. Maryland, College Park, USA, Klaus HUBACEK, Univ. Maryland, College Park, USA

Discussant: Nathan HUTSON, Univ. Southern California, Los Angeles, USA

9:15–10:00

Estimating the long-term effects of Hurricane Katrina

Hyojung LEE, Harvard Univ., Cambridge, Massachusetts, USA, Gary D. PAINTER, Univ. Southern California, Los Angeles, USA

Discussant: Yeol CHOI, Pusan National Univ., Korea

Coffee Break: 10:00–10:30

10:30–11:15

Economic impacts of migration and brain drain after Hurricane Katrina

Qin FAN, California State Univ., Fresno, USA, Meri DAVLASHRIDZE, Texas A&M Univ., Galveston, USA

Discussant: Hongbo LIU, Seoul National Univ., Korea

11:15–12:00

The effect of disasters on migration destinations: Evidence from Hurricane Katrina

Jonathan EYER, Univ. Southern California, Los Angeles, USA, Adam ROSE, Univ. Southern California, Los Angeles, USA, Robert DINTERMAN, Ohio State Univ., Columbus, USA, Noah MILLER, Univ. Southern California, Los Angeles, USA

Discussant: Pia NILSSON, Jönköping International Business School, Sweden

Wednesday, 1:30–5:00 PM

Paper Session 6A ~

GIS and Locational Analysis II

Chair: Daniel A. GRIFFITH, Univ. Texas, Dallas, USA

1:30–2:15

Understanding the effects of attribute scale and connectivity on GIS raster network analysis

F. Antonio MEDRANO, Univ. California, Santa Barbara, USA, Rick CHURCH, Univ. California, Santa Barbara, USA

Discussant: Daniel A. GRIFFITH, Univ. Texas, Dallas, USA

2:15–3:00

Simultaneous investigation of different severity crashes on roadway segments using highway safety information systems data of California

Gurdiljot GILL, California State Univ., USA, Wen CHENG, California State Polytechnic Univ., USA, Yongping ZHANG, California State Univ., USA, Tom VO, Southern California Assoc. Governments, Los Angeles, USA, Frank WEN, Southern California Assoc. Governments, Los Angeles, USA

Discussant: Xin FENG, Univ. California, Santa Barbara, USA

Coffee Break: 3:00–3:30

3:30–4:15

Location Analysis: Developments on the horizon

Daoqin TONG, Arizona State Univ., Tempe, USA, Alan MURRAY, Univ. California, Santa Barbara, USA

Discussant: Yongping ZHANG, California State Univ., USA

4:15–5:00

Food accessibility and food diversity: Exploring the role of small independent grocers from a spatial-temporal perspective

Yang BAO, Univ. Arizona, Tucson, USA, Daoqin TONG, Arizona State Univ., Tempe, USA, David PLANE, Univ. Arizona, Tucson, USA, Stephanie BUECHLER, Univ. Arizona, Tucson, USA

Discussant: Dohyung KIM, California State Polytechnic Univ., Pomona, USA

Wednesday, 1:30–5:00 PM

Paper Session 6B ~

Transportation II

Chair: Tschangho John KIM, Univ. Illinois, Urbana-Champaign, USA

1:30–2:15

Application of the archived data management system to analyze intra-metropolitan variation in highway traffic performance

Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA, Sandip CHAKRABARTI, India Inst. Management

Discussant: Jung SEO, Southern California Assoc. Governments, Los Angeles, USA

2:15–3:00

The impacts of bus rapid transit (brt) and subway stations on land use change in the Seoul metropolitan area

Jieun JEONG, Gyeonggi Research Inst., Korea, Kihyun KWON, Chung-Ang Univ., Korea, Myung Jin JUN, Chung-Ang Univ., Korea

Discussant: Kh Md NAHIDUZZAMAN, King Fahd Univ. Petroleum & Minerals (KFUPM), Saudi Arabia

Coffee Break: 3:00–3:30

3:30–4:15

Measuring the long-term regional economic impacts of high-speed rail in China: Using a dynamic SCGE model

Zhenhua CHEN, Ohio State Univ., Columbus, USA

Discussant: Mi NAMGUNG, Pusan National Univ., Korea

4:15–5:00

Air traffic flow analysis in major global regions

Aisling REYNOLDS-FEIGHAN, Univ. College Dublin, Ireland

Discussant: Tschangho John KIM, Univ. Illinois, Urbana-Champaign, USA

Wednesday, 1:30–5:00 PM

Paper Session 6C ~

Mobility and Migration

Chair: Alessandra FAGGIAN, Gran Sasso Science Inst., L'Aquila, Italy

1:30–2:15

High-skilled immigration and the skill composition of native workers

Daniel CROWN, Ohio State Univ., Columbus, USA, Alessandra FAGGIAN, Gran Sasso Science Inst., L'Aquila, Italy, Jonathan

CORCORAN, Univ. Queensland, Brisbane, Australia

Discussant: Alessandra FAGGIAN, Gran Sasso Science Inst., L'Aquila, Italy

2:15–3:00

Graduate migration in Germany -- new evidence from an event history analysis

Christian TEICHERT, Univ. Hannover, Germany, Annekatrien NIEBUHR, Inst. Employment Research (IAB), Germany, Anja ROSSEN,

Inst. Employment Research (IAB), Germany, Anne OTTO, Inst. Employment Research (IAB), Germany

Discussant: Qin FAN, California State Univ., Fresno, USA

Coffee Break: 3:00–3:30

3:30–4:15

International commuting from border regions in the Netherlands, Germany and Belgium

Jouke VAN DIJK, Univ. Groningen, The Netherlands

Discussant: Stein ØSTBYE, Uit The Arctic Univ. Norway

4:15–5:00

Regional Preferences for Living Environment and Mobility of Researchers and General Workers

Hyunkyung LEE, Hanyang Univ., Korea, Hongbae KIM, Hanyang Univ., Korea

Discussant: Rachel S. FRANKLIN, Brown Univ., Providence, Rhode Island, USA

Wednesday, 1:30–5:00 PM

Paper Session 6D ~

Borders and Trade

Chair: Kingsley HAYNES, George Mason Univ., Fairfax, Virginia, USA

1:30–2:15

Measuring and anticipating territories vulnerability to the risks of offshoring activities

El Mouhoub MOUHOUD, Univ. Paris Dauphine, France

Discussant: Yoojin YI, Seoul National Univ., Korea

2:15–3:00

Automation and offshoring in durable goods manufacturing in Indiana

Timothy SLAPER, Indiana Univ., Bloomington, USA

Discussant: Jennifer THORVALDSON, IMPLAN Group, USA

Coffee Break: 3:00–3:30

3:30–4:15

Estimating the Effect of Changing Canada-US Border Costs on North American Trade Patterns and Expenditures

Mark BROWN, Statistics Canada, Ottawa, Afshan DAR-BRODEUR, Statistics Canada, Ottawa, Jay DIXON, Statistics Canada, Ottawa

Discussant: Ayoung KIM, Mississippi State Univ., Starkville, USA

4:15–5:00

Future port development strategies of reconstructing North Korea after reunification

Jonghoon PARK, Seoul National Univ., Korea, Dongin CHO, Univ. Buffalo, New York, USA, ChangKeun PARK, Korea Environment Inst., Sungwoo LEE, Korea Maritime Inst., Jiyoung PARK, Univ. Buffalo, New York, USA

Discussant: Sanggyun KANG, Univ. Southern California, Los Angeles, USA

Wednesday, 1:30–5:00 PM

Paper Session 6E ~

Sources of Economic Growth

Chair: Peter GORDON, Univ. Southern California, Los Angeles, USA

1:30–2:15

Are casinos cannibals or anchors?

Karl GEISLER, New Mexico State Univ., Las Cruces, USA, Mark W. NICHOLS, Univ. Nevada, Reno, USA

Discussant: Karima KOURTIT, Royal Inst. Technology (KTH), Stockholm, Sweden

2:15–3:00

Evaluating the spatial effects of tourism consumption: A municipalities Input-Output model

Hiroyuki SHIBUSAWA, Toyohashi Univ. Technology, Japan, Naoki SAKAIBARA, Toyohashi Univ. Technology, Japan, Katsuhiro SAKURAI, Rissho Univ., Japan

Discussant: Hector NUNEZ, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)

Coffee Break: 3:00–3:30

3:30–4:15

Comparing measures of a sector's contribution to the economy

Stephen C. COOKE, Alward Inst., USA

Discussant: Åsa HANSSON, Royal Inst. Technology (KTH), Stockholm, Sweden

4:15–5:00

Big-box retailers, retail employment and wage

Denis J. PERALTA, Zion Bank Corp., USA, Man-Keun KIM, Utah State Univ., Logan, USA

Discussant: Yuting HOU, Singapore Univ. Technology and Design

Wednesday, 1:30–5:00 PM

Paper Session 6F ~

Land Use and the Environment

Chair: Rick CHURCH, Univ. California, Santa Barbara, USA

1:30–2:15

Agriculture's transformation and land use change in a post-urban region: A case study of the Stockholm metropolitan region

Hans WESTLUND, Royal Inst. Technology (KTH), Pia NILSSON, Jönköping International Business School, Sweden

Discussant: Rick CHURCH, Univ. California, Santa Barbara, USA

2:15–3:00

Correlates between urban land use and manufacturing industries characteristics and energy consumption

Hyunsoo KIM, Pusan National Univ., Korea, Yunju LEE, Pusan National Univ., Korea, Jaesong LEE, Pusan National Univ., Korea, Yeol CHOI, Pusan National Univ., Korea

Discussant: Hyojung LEE, Harvard Univ., Cambridge, Massachusetts, USA

Coffee Break: 3:00–3:30

3:30–4:15

The effects of the release of the greenbelt restrictions on land development in the case of medium size cities, Korea

Jae Ik KIM, Keimyung Univ., Korea, Jun Yong HYUN, Keimyung Univ., Korea, Seom Gyeol LEE, Keimyung Univ., Korea
Discussant: Jonathan EYER, Univ. Southern California, Los Angeles, USA

4:15–5:00

Regional incidence of federal agricultural support policies in India

Siddhartha K. RASTOGI, Indian Inst. Management Indore, India, Deepak SETHIA, Indian Institute of Management Indore, India
Discussant: Quan YUAN, Univ. Southern California, Los Angeles, USA

End of Conference...

Index to Participants

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