<table>
<thead>
<tr>
<th>Date Time</th>
<th>WEDNESDAY, May 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-08:30</td>
<td></td>
</tr>
<tr>
<td>08:30-09:00</td>
<td></td>
</tr>
<tr>
<td>09:00-09:20</td>
<td></td>
</tr>
<tr>
<td>09:20-09:30</td>
<td></td>
</tr>
<tr>
<td>09:30-10:00</td>
<td></td>
</tr>
<tr>
<td>10:00-10:20</td>
<td></td>
</tr>
<tr>
<td>10:20-10:30</td>
<td></td>
</tr>
<tr>
<td>10:30-11:00</td>
<td></td>
</tr>
<tr>
<td>11:00-11:20</td>
<td></td>
</tr>
<tr>
<td>11:20-11:30</td>
<td></td>
</tr>
<tr>
<td>11:30-12:00</td>
<td></td>
</tr>
<tr>
<td>12:00-12:30</td>
<td></td>
</tr>
<tr>
<td>12:30-13:00</td>
<td></td>
</tr>
<tr>
<td>13:00-13:30</td>
<td></td>
</tr>
<tr>
<td>13:30-14:00</td>
<td></td>
</tr>
<tr>
<td>14:00-14:30</td>
<td><strong>Forum I</strong></td>
</tr>
<tr>
<td>14:30-15:00</td>
<td><em>(open to all participants)</em> 14:00-15:30</td>
</tr>
<tr>
<td>15:00-15:30</td>
<td></td>
</tr>
<tr>
<td>15:30-16:00</td>
<td><strong>Coffee Break</strong></td>
</tr>
<tr>
<td>16:00-16:30</td>
<td></td>
</tr>
<tr>
<td>16:30-17:00</td>
<td><strong>Forum II&amp;III</strong></td>
</tr>
<tr>
<td>17:00-17:30</td>
<td><em>(open to all participants)</em> 16:00-17:30</td>
</tr>
<tr>
<td>17:30-18:00</td>
<td></td>
</tr>
<tr>
<td>18:00-18:30</td>
<td></td>
</tr>
<tr>
<td>18:30-19:00</td>
<td></td>
</tr>
<tr>
<td>19:00-19:30</td>
<td><strong>Icebreaking Reception</strong> 18:00-19:30</td>
</tr>
</tbody>
</table>

| Time       | Registration       14:00-18:00 |
|------------|-------------------|-----------------------------|

**Registration**

14:00-18:00
## AGENDA

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>THURSDAY, May 18</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>08:00</td>
<td>Registration</td>
</tr>
<tr>
<td></td>
<td>08:00</td>
<td>08:00-09:20</td>
</tr>
<tr>
<td></td>
<td>08:30</td>
<td>08:30-09:00</td>
</tr>
<tr>
<td></td>
<td>09:00</td>
<td>09:00-09:20</td>
</tr>
<tr>
<td></td>
<td>09:20</td>
<td>09:20-09:30</td>
</tr>
<tr>
<td></td>
<td>09:30</td>
<td>Opening Ceremony</td>
</tr>
<tr>
<td></td>
<td>09:30</td>
<td>09:30-10:00</td>
</tr>
<tr>
<td></td>
<td>10:00</td>
<td>10:00-10:20</td>
</tr>
<tr>
<td></td>
<td>10:20</td>
<td>10:20-10:30</td>
</tr>
<tr>
<td></td>
<td>10:30</td>
<td>10:30-11:00</td>
</tr>
<tr>
<td></td>
<td>11:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td></td>
<td>11:00</td>
<td>11:00-11:20</td>
</tr>
<tr>
<td></td>
<td>11:20</td>
<td>11:20-11:30</td>
</tr>
<tr>
<td></td>
<td>11:30</td>
<td>11:30-12:00</td>
</tr>
<tr>
<td></td>
<td>12:00</td>
<td>12:00-12:30</td>
</tr>
<tr>
<td></td>
<td>12:30</td>
<td>Lunch</td>
</tr>
<tr>
<td></td>
<td>12:30</td>
<td>12:30-13:00</td>
</tr>
<tr>
<td></td>
<td>13:00</td>
<td>13:00-13:30</td>
</tr>
<tr>
<td></td>
<td>13:30</td>
<td>13:30-14:00</td>
</tr>
<tr>
<td></td>
<td>14:00</td>
<td>14:00-14:30</td>
</tr>
<tr>
<td></td>
<td>14:30</td>
<td>14:30-15:00</td>
</tr>
<tr>
<td></td>
<td>15:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td></td>
<td>15:00</td>
<td>15:00-15:30</td>
</tr>
<tr>
<td></td>
<td>15:30</td>
<td>15:30-16:00</td>
</tr>
<tr>
<td></td>
<td>16:00</td>
<td>16:00-16:30</td>
</tr>
<tr>
<td></td>
<td>16:30</td>
<td>16:30-17:00</td>
</tr>
<tr>
<td></td>
<td>17:00</td>
<td>17:00-17:30</td>
</tr>
<tr>
<td></td>
<td>17:30</td>
<td>17:30-18:00</td>
</tr>
<tr>
<td></td>
<td>18:00</td>
<td>18:00-18:30</td>
</tr>
<tr>
<td></td>
<td>18:30</td>
<td>18:30-19:00</td>
</tr>
<tr>
<td></td>
<td>19:00</td>
<td>19:00-19:30</td>
</tr>
<tr>
<td></td>
<td>12:30</td>
<td>Parallel Session I</td>
</tr>
<tr>
<td></td>
<td>11:00</td>
<td>11:00-12:30</td>
</tr>
<tr>
<td></td>
<td>13:00</td>
<td>Parallel Session II</td>
</tr>
<tr>
<td></td>
<td>13:30</td>
<td>13:30-15:00</td>
</tr>
<tr>
<td></td>
<td>15:00</td>
<td>LRPC Meeting (invited only)</td>
</tr>
<tr>
<td></td>
<td>16:00</td>
<td>16:00-17:30</td>
</tr>
<tr>
<td></td>
<td>12:30</td>
<td>PRSCO Council Meeting (invited only)</td>
</tr>
<tr>
<td></td>
<td>12:30</td>
<td>12:30-14:30</td>
</tr>
<tr>
<td></td>
<td>13:00</td>
<td>Room: C-Hub</td>
</tr>
</tbody>
</table>

*Keynote Speech: Prof. Marcus Berliant*
<table>
<thead>
<tr>
<th>Date Time</th>
<th>FRIDAY, May 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-08:30</td>
<td>RSAI Council Meeting (invited only)</td>
</tr>
<tr>
<td>08:30-09:00</td>
<td></td>
</tr>
<tr>
<td>09:00-09:20</td>
<td>Parallel Session IV</td>
</tr>
<tr>
<td>09:20-09:30</td>
<td>08:30-10:00</td>
</tr>
<tr>
<td>09:30-10:00</td>
<td></td>
</tr>
<tr>
<td>10:00-10:20</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:20-10:30</td>
<td></td>
</tr>
<tr>
<td>10:30-11:00</td>
<td>Keynote Speech II: Prof. Fred Y. Phillips</td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>10:20-11:20</td>
</tr>
<tr>
<td>11:20-11:30</td>
<td>Break</td>
</tr>
<tr>
<td>11:30-12:00</td>
<td></td>
</tr>
<tr>
<td>12:00-12:30</td>
<td></td>
</tr>
<tr>
<td>12:30-13:00</td>
<td></td>
</tr>
<tr>
<td>13:00-13:30</td>
<td>Lunch</td>
</tr>
<tr>
<td>13:30-14:00</td>
<td></td>
</tr>
<tr>
<td>14:00-14:30</td>
<td></td>
</tr>
<tr>
<td>14:30-15:00</td>
<td>Parallel Session V</td>
</tr>
<tr>
<td>15:00-15:30</td>
<td>13:30-15:00</td>
</tr>
<tr>
<td>15:30-16:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>16:00-16:30</td>
<td></td>
</tr>
<tr>
<td>16:30-17:00</td>
<td></td>
</tr>
<tr>
<td>17:00-17:30</td>
<td></td>
</tr>
<tr>
<td>17:30-18:00</td>
<td></td>
</tr>
<tr>
<td>18:00-18:30</td>
<td>Gala Dinner</td>
</tr>
<tr>
<td>18:30-19:00</td>
<td>17:30-19:00</td>
</tr>
<tr>
<td>19:00-19:30</td>
<td></td>
</tr>
</tbody>
</table>
### AGENDA

<table>
<thead>
<tr>
<th>Date Time</th>
<th>SATURDAY, May 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-08:30</td>
<td></td>
</tr>
<tr>
<td>08:30-09:00</td>
<td></td>
</tr>
<tr>
<td>09:00-09:20</td>
<td></td>
</tr>
<tr>
<td>09:20-09:30</td>
<td></td>
</tr>
<tr>
<td>09:30-10:00</td>
<td>Post-conference Tour &amp; Lunch (optional) 09:30-15:30</td>
</tr>
<tr>
<td>10:00-10:20</td>
<td></td>
</tr>
<tr>
<td>10:20-10:30</td>
<td></td>
</tr>
<tr>
<td>10:30-11:00</td>
<td></td>
</tr>
<tr>
<td>11:00-11:20</td>
<td></td>
</tr>
<tr>
<td>11:20-11:30</td>
<td></td>
</tr>
<tr>
<td>11:30-12:00</td>
<td></td>
</tr>
<tr>
<td>12:00-12:30</td>
<td></td>
</tr>
<tr>
<td>12:30-13:00</td>
<td></td>
</tr>
<tr>
<td>13:00-13:30</td>
<td></td>
</tr>
<tr>
<td>13:30-14:00</td>
<td></td>
</tr>
<tr>
<td>14:00-14:30</td>
<td></td>
</tr>
<tr>
<td>14:30-15:00</td>
<td></td>
</tr>
<tr>
<td>15:00-15:30</td>
<td></td>
</tr>
<tr>
<td>15:30-16:00</td>
<td></td>
</tr>
<tr>
<td>16:00-16:30</td>
<td></td>
</tr>
<tr>
<td>16:30-17:00</td>
<td></td>
</tr>
<tr>
<td>17:00-17:30</td>
<td></td>
</tr>
<tr>
<td>17:30-18:00</td>
<td></td>
</tr>
<tr>
<td>18:00-18:30</td>
<td></td>
</tr>
<tr>
<td>18:30-19:00</td>
<td></td>
</tr>
<tr>
<td>19:00-19:30</td>
<td></td>
</tr>
</tbody>
</table>
SESSION PLAN (TENTATIVE 2017.04.28)

Wednesday, 17 May, 2017

<table>
<thead>
<tr>
<th>Forum I</th>
<th>14:00-15:30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topic</td>
<td>Key Figures in Regional Science who have shaped My Research Career</td>
</tr>
<tr>
<td>Room</td>
<td>C-Hub 3F</td>
</tr>
<tr>
<td>Chair</td>
<td>Kingsley Haynes</td>
</tr>
</tbody>
</table>

- Opening and Welcome
  Neil Reid (University of Toledo)

- Regional Science Academy Lecture Series: “Great in Regional Science from Japan”
  Yoshiro Higano (Tsukuba University)

- Regional Science Academy Ex Libris Session on: “Which 2 or 3 regional scientists and their publication has been of greatest influence on my research career, and why?”
  Lily Kiminami (Niigata University)
  Robert Stimson (University of Melbourne)
  Mike Carroll (University of North Texas)

Coffee Break 15:30-16:00

Forum II 16:00-17:30

<table>
<thead>
<tr>
<th>Topic</th>
<th>THE VOICE OF THE REGIONAL SCIENCE ACADEMY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>C-Hub 3F</td>
</tr>
<tr>
<td>Chair</td>
<td>Neil Reid</td>
</tr>
</tbody>
</table>

- Challenges for Regional Science Research – A Panel Discussion with participation
  Led by Robert Stimson (University of Melbourne), Kingsley Haynes, (George Mason University), Patricio Aroca (Adolfo Ibanez University)

- Closure and Way Forward for the Regional Science Academy
  Led by Neil Reid (University of Toledo), with contributions and suggestions from the floor.
### Forum III  16:00-17:30

<table>
<thead>
<tr>
<th>Topic</th>
<th>Collaborative Methods and Systems for Spatiotemporal Information Processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>Department of Urban Planning 50118</td>
</tr>
<tr>
<td>Chair</td>
<td>Shiann-Far Kung</td>
</tr>
</tbody>
</table>

- Opening and Welcome  
  **Shiann-Far Kung** (National Cheng Kung University)
- Problems & Challenges for Conducting Regional Science in Chianan Plain, Taiwan  
  - Establishment of Spatiotemporal Information of Chia-nan Irrigation.  
    **Yi-Hsing Tseng** (National Cheng Kung University)  
  - Transformation of Water landscape, Land use and Industrial development  
    **Chung Chen-Kun** (National Cheng Kung University)  
  - Influence of the Farm Irrigation Facilities on the Transformations of the Settlements  
    **Ping-Sheng Wu** (National Cheng Kung University)
- Solutions for Conducting Regional Science in Chianan Plain, Taiwan  
  - The Role of Geospatial Data for Regional Science.  
    **Hsiung-Ming Liao** (Academia Sinica)  
    **Tyng-Ruey Chuang** (Academia Sinica)
- Panel Discussion & Closing

### Icebreaking Reception  18:00-19:30

<table>
<thead>
<tr>
<th>Room</th>
<th>C-Hub 1F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Fu-Chuan Lai &amp; Shiann-Far Kung</td>
</tr>
</tbody>
</table>
Thursday, 18 May, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
<th>Chair</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-09:20</td>
<td>Registration</td>
<td>The Magic School of Green Technologies – Chung Hwa Hall</td>
<td></td>
</tr>
<tr>
<td>09:20-09:30</td>
<td>Opening Ceremony</td>
<td>The Magic School of Green Technologies – Chung Hwa Hall</td>
<td>Fu-Chuan Lai &amp; Shiann-Far Kung</td>
</tr>
<tr>
<td>09:30-10:30</td>
<td>Keynote Speech I</td>
<td>The Magic School of Green Technologies – Chung Hwa Hall</td>
<td>Yoshiro Higonano</td>
</tr>
<tr>
<td>10:30-11:00</td>
<td>Coffee Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00-12:30</td>
<td>Parallel Session I</td>
<td>The Magic School of Green Technologies – Room 2</td>
<td>Shiann-Far Kung</td>
</tr>
</tbody>
</table>

**Parallel Session I-A**

- A Study on an Improvement Plan of Lodging Facilities for the Revitalization of the Old CBD in Gwangju Metropolitan City  
  **Chang-Yong Moon**, Chonnam National University, South Korea
- Coagglomeration and Japanese MNF’s Overseas Location in East Asia: case of automobile  
  **Suminori Tokunaga**, Reitaku University, Japan  
  **Yuko Akune**, Reitaku University, Japan  
  **Maria Ikegawa**, Policy Research Institute, MAFF, Japan
- Research of Consciousness about Career Choice in Bali Province, Indonesia  
  **Yoko Mayuzumi**, Bunkyo University, Japan
Parallel Session I-B

Topic: Asian Urban and Regional Issues
Room: The Magic School of Green Technologies – Room 3
Chair: Fred Y. Phillips

- Host Country's FDI Regulations, Multinational Enterprises' Entry Strategies, and Mixed Markets
  Dapeng Cai, Nanzan University, Japan
  Yukio Karasawa-Ohtashiro, Nanzan University, Japan
- Relocation Incentive Decisions: A survey of economic development professionals
  Fred Y. Phillips, Yuan Ze University, Taiwan & Stony Brook University, United States
  Nasir Sheikh, SUNY Korea, South Korea
- An Empirical Study on Night Market Program utilizing Monetary Support by the Government – Focusing on Dae-in Art Night Market in Gwangju, Korea
  Jin Choi, Chonnam National University, South Korea

Parallel Session I-C

Topic: Innovation, Knowledge and Industry Issues
Room: The Magic School of Green Technologies – Room 4
Chair: Neil Reid

- The Emergence of the American Craft Beer Industry: Challenges and Opportunities for the Hops Industry
  Neil Reid, University of Toledo, United States
- Greenfield, Merger and Acquisition, or Export? Regulating the Entry of Multinational Enterprises to a Host-Country Market
  Dapeng Cai, Nanzan University, Japan
  Yukio Karasawa-Ohtashiro, Nanzan University, Japan
- The dynamic observation of interregional co-invention
  Der-Shiuan Lee, Chinese Culture University, Taiwan
Parallel Session I-D

Topic  Environmental and Sustainable Development
Room  Department of Urban Planning 50102
Chair  Patricio Aroca

- Empirical Research on Migrants Livelihoods Changes in the Coal Mined-out Area
  Yao-Zu Xue, Shanxi University of Finance & Economics, China
- Functional Regional Income Distribution in the Chilean Mining Sector
  Patricio Aroca, Universidad Adolfo Ibáñez, Chile
  Nicolás Garrido, Universidad Diego Portales, Chile
  Daniel Manzor, Universidad Adolfo Ibáñez, Chile
- Carbon pricing and Energy Saving: Evidence from Field Experiment in Japan and Taiwan
  Tun-Yen Wang, Kyoto University, Taiwan
  Junji Tojo, Kyoto University, Japan
  Yanmin He, Kyoto University, Japan

Parallel Session I-E

Topic  Environmental and Sustainable Development
Room  Department of Urban Planning 50118
Chair  Dai-Gee Shaw

- Housing Prices, Wages, and the Value of Climate and Air Quality in Taiwan
  Daige Shaw, Institute of Economics, Academia Sinica, Taiwan
  Ju-Chin Huang, Institute of Economics, Academia Sinica, Taiwan
  Yi Qing Chen, Institute of Economics, Academia Sinica, Taiwan
- Pricing environmental pollution in Chinese cities with hedonic pricing model: from the perspective of spatial econometrics and voting-by-foot mechanism analysis
  Xianchun Liao, University of Jinan, China
  Wei Geng, Tianjin University of Finance and Economics, China
- Analyzing the relation between The Characteristics of the Parents of high school Students of Ilan County and their Environmental Consciousness – by using a Long-Linear model
  Chou Yu Chen, Nagoya Sangyo University, Japan
### Parallel Session I-F

**Topic**: Method of Urban and Regional Analysis  
**Room**: Department of Urban Planning 50120  
**Chair**: Yoshiro Higano

- Simulation Analysis of Regional Economic Policy to Control Environmental Load on the Air and Water in Tokyo  
  **Noriko Nozaki**, University of Tsukuba, Japan  
  **Rajeev Kumar Singh**, University of Tsukuba, Japan  
  **Takeshi Mizunoya**, University of Tsukuba, Japan  
  **Helmut Yabar**, University of Tsukuba, Japan  
  **Yoshiro Higano**, University of Tsukuba, Japan
- Research on Carbon emission in Guangdong Province based on IO modeling  
  **Yu Chen**, University of Tsukuba, Japan
- Strategic Planning of Regional Development: Review of Methodologies and Governance Policies  
  **Tatiana Khomiakova**, National Taiwan University, Taiwan

### Parallel Session I-G

**Topic**: Urban and Regional Planning  
**Room**: Department of Urban Planning 50402  
**Chair**: Ti-Ching Peng

- The influence of healthcare accessibility on house prices: An application of SARAR spatial regression  
  **Ti-Ching Peng**, National Dong Hwa University, Taiwan
- Redefining the Meanings behind the Festivals of Ages  
  **Ottavia Huang**, National Cheng Kung University, Taiwan
  **Satoru Ono**, Ritsumeikan University, Japan

### Parallel Session I-H

**Topic**: Asian Urban and Regional Issues  
**Room**: Department of Urban Planning 50404  
**Chair**: Alma Alejandra Soberano Serrano
• The social capital into the construction of citizenship
  Alma Alejandra Soberano Serrano, Universidad Autónoma de Baja California, Mexico

• Well being outcomes of social capital in aging societies: a comparative study of Japan and South Korea
  Dixon Alan Brown, Chonnam National University, South Korea
  Jumong Na, Chonnam National University, South Korea

• A study on method of group work to enhance awareness and participation in community: a case of workshop on operation of Tsuruma Park at large-scale disasters
  Nemat Mohammadi, Nagoya Institute of Technology, Japan
  Eizo Hideshima, Nagoya Institute of Technology, Japan
  Yoshio Noguchi, Nagoya Institute of Technology, Japan
  Yoshitaka Nakano, Civil Works Division, Japan

**Parallel Session I-I**
**Topic** Urban and Regional Planning
**Room** Department of Urban Planning 50406
**Chair** Koyu Kato

• High Season Traffic Congestion Analysis of Rural Tourism Destinations: A Case Study for Amanohashidate, Japan
  Koyu Kato, The University of Fukuchiyama, Japan

• Agricultural Land and Rural-Urban Migration in China: A New Pattern
  Wei Xiao, Southwestern University of Finance and Economics, China
  Guochang Zhao, Southwestern University of Finance and Economics, China

**Lunch** 12:30-13:30

**PRSCO Council Meeting** 12:30-14:30
**Invited only**
**Room** C-Hub
**Chair**
### Parallel Session II  13:30-15:00

#### Parallel Session II-A

<table>
<thead>
<tr>
<th>Topic</th>
<th>Method of Urban and Regional Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>The Magic School of Green Technologies – Room 2</td>
</tr>
<tr>
<td>Chair</td>
<td>Hiroyuki Shibusawa</td>
</tr>
</tbody>
</table>

- **Is Indonesia’s Growth Inclusive?**
  - **Priasto Aji**, Asian Development Bank, Indonesia  
  - **Yangki Suara**, King’s College London, United Kingdom
- **Evaluating the Spatial Economic Impacts of Tourism in Shizuoka Prefecture, Japan: An Inter-regional Input-Output Approach**
  - **Hiroyuki Shibusawa**, Toyohashi University of Technology, Japan  
  - **Katsuhiko Sakurai**, Rissho University, Japan  
  - **Makoto Yamaguchi**, Toyohashi University of Technology, Japan
- **Making a Village Input-Output Table (VIOT) from Household Survey: A case study of Phonxay Village of Ngoi District, Luang Prabang Province, Lao PDR**
  - **Soulixay Hongsakhone**, Hiroshima University, Japan  
  - **Masaru Ichihashi**, Hiroshima University, Japan

#### Parallel Session II-B

<table>
<thead>
<tr>
<th>Topic</th>
<th>Environmental and Sustainable Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>The Magic School of Green Technologies – Room 3</td>
</tr>
<tr>
<td>Chair</td>
<td>Bonghyun Jeong</td>
</tr>
</tbody>
</table>

- **Problems of High-Speed Rail (HSR) Operation and Urban Transport Policy in Gwangju Metropolitan City (GMC), Korea**
  - **Bonghyun Jeong**, Chonnam National University, South Korea  
  - **Eun-Ju Jung**, Chonnam National University, South Korea
- **Estimating the demand elasticity for Tourism in Palau’s Rock Islands Southern Lagoon**
  - **Shirley Koshiba**, University of Tsukuba, Japan  
  - **Takeshi Mizunoya**, University of Tsukuba, Japan  
  - **Helmut Yabar**, University of Tsukuba, Japan  
  - **Yoshiro Higano**, University of Tsukuba, Japan
- **Using P-median model to allocate alternative fuel filling stations in Tainan**
  - **Jong-Ying Tsai**, National Cheng Kung University, Taiwan
### Parallel Session II-C
**Topic**  
Asian Urban and Regional Issues

**Room**  
The Magic School of Green Technologies – Room 4

**Chair**  
Darius Tirtosuharto

- Does Fiscal Efficiency Support Poverty Alleviation in the Indonesian Regions?  
  **Darius Tirtosuharto**, Bank Indonesia, Indonesia
- Sustainable Urban Regeneration through the Participation of Private Companies: The Case Study of Hyundai Motor Group  
  **Eonyong Lee**, Chonnam National University, South Korea  
  **Minjae Kwak**, Chonnam National University, South Korea  
  **Bonghyun Jeong**, Chonnam National University, South Korea
- Does Microfinance Improve Households’ Welfare of Ethnic Minorities? Evidence from Bac Kan Province, Vietnam  
  **Thu Vu**, Hiroshima University, Japan  
  **Daisaku Goto**, Hiroshima University, Japan

### Parallel Session II-D
**Topic**  
Spatial Economy

**Room**  
Department of Urban Planning 50118

**Chair**  
Mei-Jung Lai

- Application of Cluster Analysis for Land Use Changes Detection in Daya District  
  **Ru-Fen Yang**, Feng Chia University, Taiwan  
  **Mei-Jung Lai**, Feng Chia University, Taiwan  
  **Re-Yang Lee**, Feng Chia University, Taiwan
- Labor Standards and Export-Platform FDI in a Unionized Oligopoly  
  **Ki-Dong Lee**, Keimyung University, South Korea
- Economic Impacts on Tourism Industry in the 2016 Kumamoto Earthquakes: Based on a Survey to Tourism Related Business Offices  
  **Mingji Cui**, Ritsumeikan University, Japan  
  **Qinglin Cui**, National Research Institute for Earth Science and Disaster Resilience, Japan
Parallel Session II-E

**Topic**  Spatial Economy  
**Room**  Department of Urban Planning 50120  
**Chair**  Tohru Naito

- Partial privatization in asymmetric multi-market competition  
  **Akio Kawasaki**, Kagoshima University, Japan  
  **Tohru Naito**, Doshisha University, Japan

- A Study on the Application of Place Marketing in Local Festival for Growth of Old Downtown – Focused on Chung-jang Festival in Gwang-ju Metropolitan City, Korea  
  **Sora Jeon**, Chonnam National University, South Korea  
  **Bonghyun Jeong**, Chonnam National University, South Korea

- Does Lao economy suffer from “Resource Curse”?  
  **Khinsamone Soukvisan**, Saitama University, Japan

Parallel Session II-F

**Topic**  Asian Urban and Regional Issues  
**Room**  Department of Urban Planning 50102  
**Chair**  Shin-Kun Peng

- Estimating Disparity in Welfare Gains from Trade between Firm Owners and Workers  
  **Ching-Mu Chen**, Institute of Economics, Academia Sinica, Taiwan  
  **Shin-Kun Peng**, Institute of Economics, Academia Sinica, Taiwan  
  **Wen-Jen Tsay**, Institute of Economics, Academia Sinica, Taiwan

- The Development of Knowledge Interaction and Spatial Dynamics in Industrial Districts: a Case Study of Southern Taiwan  
  **Hai-Ping Lin**, National Cheng Kung University, Taiwan  
  **Tai-Shan Hu**, National Cheng Kung University, Taiwan

- Trade Costs, Tariff Complementarity Effect, and Welfare Analysis of a
Free Trade Agreement

Akihiko Yanase, Nagoya University, Japan
Masafumi Tsubuku, Nagoya University, Japan

Parallel Session II-G

Topic  Asian Urban and Regional Issues
Room   Department of Urban Planning 50402
Chair  Ibrahim Nugroho

- Optimization of Transportation Systems to Enhance Agricultural Logistics in Central JAVA
  Ibrahim Nugroho, Bank Indonesia, Indonesia
- Disaster-Preventing Efforts Taking into Consideration the Regional Characteristics
  Toru Fujisawa, Arkadas. Inc, Japan
  Maya Fujita, Arkadas. Inc, Japan
- The zoning system adjustment mechanism by exit and voice: theoretical retrospect and practices
  Chien-Yuan Chen, Feng Chia University, Taiwan

Parallel Session II-H

Topic  Urban and Regional Planning
Room   Department of Urban Planning 50404
Chair  Eric Yamashita

- Using Mixed Methods to Examine how Jurisdictions in the United States are handling UAV use at the Local Level
  Eric Yamashita, University of Hawaii at Manoa, United States
- The Impact of Internet-of-Things on the Choice of Advanced Broadband Access: A Case of Thai Internet Users
  Hitoshi Mitomo, Waseda University, Japan
  Tatcha Sudtasan, Waseda University, Japan
- A Study on Effective Local Information Management in Nagakute City, Japan – Based on Resident’s Behavior Factors of Getting Local Information by using “Kairanban”
  Hiroari Shimizu, Ritsumeikan University, Japan
### Parallel Session II-I

**Topic**  
Innovation, Knowledge and Industry Issues

**Room**  
Department of Urban Planning 50406

**Chair**  
Wei Geng

- Do Deep Agreements Actually Promote Global Value Chains Position?  
  **Wei Geng**, Tianjin University of Finance and Economics, China
  **Weiwei Wang**, Tianjin University of Finance and Economics, China
  **Wei Wang**, Tianjin University of Finance and Economics, China

- Regional Linkage of Poverty and the Poverty Reduction Effects of Economic Agglomeration – A Case Study of Sichuan Province  
  **Guirong Liao**, Southwest University for Nationalities, China

### Coffee Break  
15:00-15:30

### Parallel Session III  
15:30-17:00

#### Parallel Session III-A

**Topic**  
Spatial Economy

**Room**  
The Magic School of Green Technologies – Room 2

**Chair**  
Budy Resosudarmo

- Tariff Reform and Child Mortality in Developing Countries: The Case of Indonesia  
  **Budy Resosudarmo**, Australian National University, Australia

- The diversity of faith depends on the characteristics of local community  
  **Kasumi Susaki**, Ryukoku University, Japan

- The Spatial Analysis of Development in Thailand using Nighttime Light Data  
  **Nattapong Puttanapong**, Thammasat University, Thailand

#### Parallel Session III-B

**Topic**  
Urban and Regional Planning

**Room**  
The Magic School of Green Technologies – Room 3

**Chair**  
Tzu-Chin Lin

- Additional Evidence of Anticommons in Land Development
Tzuchin Lin, National Chengchi University, Taiwan

- Official Housing Allowance Data Preprocessing

Wiji Triwilujeng, Private researcher, Indonesia

- A study on a way to realize reconstruction of large-scale apartment complex for sustainable urban management: based on estimate of willingness-to-pay

Sang-Ho Hong, Chonnam National University, South Korea

Jin Choi, Chonnam National University, South Korea

Woo-Jin Shin, Chonnam National University, South Korea

---

Parallel Session III-C

<table>
<thead>
<tr>
<th>Topic</th>
<th>Method of Urban and Regional Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>The Magic School of Green Technologies – Room 4</td>
</tr>
<tr>
<td>Chair</td>
<td>Yuzuru Miyata</td>
</tr>
</tbody>
</table>

- A Study on the Livability of Social Housing Community in Taiwan: the Case Study of the Army Maintenance Plant in Taipei City

Hui-Chun Chuang, National Taipei University of Technology, Taiwan

Kuang-Hui Peng, National Taipei University of Technology, Taiwan

- Agglomeration and Dispersion Mechanism of a System of Cities with Residential Areas

Yuzuru Miyata, Toyohashi University of Technology, Japan

Hiroyuki Shibusawa, Toyohashi University of Technology, Japan

Daisuke Ito, Toyohashi University of Technology, Japan

- Domestic Income Transfer and Workers' Welfare in a Dual Economy

Makoto Tawada, Aichi Gakuin University, Japan

Ling Qi, Central University of Finance and Economics, China

Kojun Hamada, Niigata University, Japan

---

Parallel Session III-D

<table>
<thead>
<tr>
<th>Topic</th>
<th>Method of Urban and Regional Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>Department of Urban Planning 50102</td>
</tr>
<tr>
<td>Chair</td>
<td>Ta-Chien Chan</td>
</tr>
</tbody>
</table>

- A Study on the Causes of Empty Houses based on the Change of Urban Spatial Structure: Focus on the Case of Gwangju metropolitan city

Young-Ok Son, Chonnam National University, South Korea

Jin Choi, Chonnam National University, South Korea
In-Seo Kim, Chonnam National University, South Korea
Ju-Mong Na, Chonnam National University, South Korea
- Evaluating the capacity and spatial accessibility of emergency medical resources in Taiwan
Ta-Chien Chan, Academia Sinica, Taiwan
- Evaluation of Environmental Performance of Municipal Solid Waste Management System in Mandalay City, Myanmar
Than Naing Win, University of Tsukuba, Japan
Helmut Yabar, University of Tsukuba, Japan
Yoshiro Higano, University of Tsukuba, Japan

Parallel Session III-E

**Topic** Urban and Regional Planning

**Room** Department of Urban Planning 50118

**Chair** Sutee Anantsuksomsri

- Development strategy of circular economy in railway transportation – A case study in the eastern region of Taiwan
Ya Ning Chen, National Taipei University of Technology, Taiwan
Kuang Hui Peng, National Taipei University of Technology, Taiwan
- Assessing impacts of rubber prices on land use change in the eastern region of Thailand
Sutee Anantsuksomsri, Chulalongkorn University, Thailand
Paitoon Wongsasuthikul, The Thai Rubber Association, Thailand
Nij Tontisirin, Thammasat University, Thailand
- Lobbying to Landowners Accelerates the Great Divergence
Tsuyoshi Shinozaki, Tohoku Gakuin University, Japan
Akihiko Kaneko, Waseda University, Japan
Kojun Hamada, Niigata University, Japan
Mitsuyoshi Yanagihara, Nagoya University, Japan

Parallel Session III-F

**Topic** Asian Urban and Regional Issues

**Room** Department of Urban Planning 50120

**Chair** Fu-Chuan Lai

- Spatial Cournot Competition in Two Intersecting Circular Markets
Fu-Chuan Lai, Academia Sinica, Taiwan

- An analysis on Children's Park facilities and children's play behavior in terms of Child development – Focusing on Gwangju in Korea

Min-Jae Kwak, Chonnam National University, South Korea

Woo-Jin Shin, Chonnam National University, South Korea

- Globalization of the Regional Hub Cities in Japan: Progresses over 35 years and Prospects for "Sapporo / Sendai / Hiroshima / Fukuoka"

Takayuki Kubo, Fukuoka Asian Urban Research Center, Japan

---

### Parallel Session III-G

**Topic**: Innovation, Knowledge and Industry Issues  
**Room**: Department of Urban Planning 50402  
**Chair**: Haifeng Qian  

- Innovation Ecosystems for Creative Industries: A Multi Case-Study Research of Three Creative Cities in Indonesia  
  **Avanti Fontana**, Universitas Indonesia, Indonesia  
- International cross-overs in the triple helix strategy, to strengthen the culture creative industry  
  **Bart van Bueren**, National Cheng Kung University, Taiwan  
- Cultural Entrepreneurship in U.S. Cities  
  **Shiqin Liu**, The University of Iowa, United States  
  **Haifeng Qian**, The University of Iowa, United States

---

### Parallel Session III-H

**Topic**: Urban and Regional Planning  
**Room**: Department of Urban Planning 50404  
**Chair**: Puntita Tanwattana  

- Inter-region Found in Fukushima and Chernobyl  
  **Tomohiko Yamanaka**, University of Niigata Prefecture, Japan  
- Disaster Resilience: Systematize Community Based-Disaster Risk Management  
  **Puntita Tanwattana**, Chulalongkorn University, Thailand
• A Study on Disaster Management for Tourists after Earthquake in Himeji Castle, World Cultural Heritage Site
  Yusuke Toyoda, Ritsumeikan University, Japan
  Kohei Sakai, Ritsumeikan University, Japan
  Mingji Cui, Ritsumeikan University, Japan
  Hidehiko Kanegae, Ritsumeikan University, Japan

| Parallel Session III-I                                                                 |
|------------------------------------------|---------------------------------|
| **Topic**                                | Asian Urban and Regional Issues |
| **Room**                                 | Department of Urban Planning 50406 |
| **Chair**                                | Masagus M. Ridhwan              |

• Characteristics Analysis of Poverty of Elderly and Potential Elderly Households
  Deokho Cho, Daegu University, South Korea
  Changwhan Yeo, Daegu University, South Korea

• A Regional Analysis of Inflation Persistence: A Case of Indonesia
  Masagus M. Ridhwan, Bank Indonesia & Trisaki University, Indonesia
  Angsoka Y. Paundralingga, Bank Indonesia, Indonesia
  Melva V. Grace, Bank Indonesia, Indonesia

• Related Variety, Unrelated Variety and Firm Performance in Tourism Destination of China
  Depeng Shan, Southwest University for Nationalities, China

<table>
<thead>
<tr>
<th>LRPC Meeting</th>
<th>16:00-17:30</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Invited only</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Room</strong></td>
<td>C-Hub</td>
</tr>
<tr>
<td><strong>Chair</strong></td>
<td></td>
</tr>
</tbody>
</table>
Friday, 19 May, 2017

**RSAI Council Meeting  08:00-10:00**
Invited only
Room  C-Hub
Chair

**Parallel Session IV  08:30-10:00**

**Parallel Session IV-A**
**Topic**  Asian Urban and Regional Issues
**Room**  The Magic School of Green Technologies – Room 2
**Chair**  Mototsugu Fukushige

- Differences Between Bonders, Bridgers, and Linkers: Cleaning up After Disasters in Japan
  **Kiyomi Kawamoto**, Hokkaido University of Education, Japan
  **Karl Kim**, University of Hawaii, United States

- From Representation to Empowerment: Introspection to the system of Participatory Budget in Taipei
  **Ching-Hsi Chen Tsai**, National Taipei University of Technology, Taiwan
  **Kuang-Hui Peng**, National Taipei University of Technology, Taiwan

- The 2011 Japanese Energy Crisis: Effects on the Magnitude and Pattern of Load Demand
  **Niematallah Elamin**, Osaka University, Japan
  **Mototsugu Fukushige**, Osaka University, Japan

**Parallel Session IV-B**
**Topic**  Environmental and Sustainable Development
**Room**  The Magic School of Green Technologies – Room 3
**Chair**  Akio Matsumoto

- Environmental effect of ambient charge in a Cournot oligopoly market
  **Akio Matsumoto**, Chuo University, Japan
  **Keiko Nakayama**, Chukyo University, Japan
• Rural Household Preferences on Community-based Health Insurance in Lao PDR
  **Thiptaiya Sydavong**, Hiroshima University, Japan
  **Daisaku Goto**, Hiroshima University, Japan

• Congestion Management for the Bottleneck Flow of Electric Power Systems: An Application of Elasticity Factors
  **Shinichi Taniguchi**, Waseda University, Japan

---

**Parallel Session IV-C**

**Topic**: Innovation, Knowledge and Industry Issues

**Room**: The Magic School of Green Technologies – Room 4

**Chair**: Hsiao-Ling Chung

• Examining the Value Co-Creation Process of International Design Competition and Enterprise Participant: Perspective from Micro Design Brand in Taiwan
  **Pin-Chieh Wu**, National Cheng Kung University, Taiwan
  **Chia-Han Yang**, National Cheng Kung University, Taiwan
  **Meng-Dar Shieh**, National Cheng Kung University, Taiwan

• A Study on the Evaluation Criteria of Modern Cultural Heritage by use
  **In-Seo Kim**, Chonnam National University, South Korea
  **Ju-Mong Na**, Chonnam National University, South Korea

• Positioning the Cultural Creative Industries Policy Urban Network ~ From Local to Regional Dimensions of the Six Municipalities in Taiwan
  **Hsiao-Ling Chung**, National Cheng Kung University, Taiwan

---

**Parallel Session IV-D**

**Topic**: Innovation, Knowledge and Industry Issues

**Room**: Department of Urban Planning 50118

**Chair**: Eon Yong Lee

• Critical Review of ‘Creative Milieu’ for Korean Urban Cultural Policy: The Case of Cultural Industry Investment Promotional Zone in Gwangju
  **Eonyong Lee**, Chonnam National University, South Korea
**Jumong Na**, Chonnam National University, South Korea

- From the perspective of incubator to review the development of cultural cluster as a strategy to promote cultural creative industries in Taiwan

**Tien-Li Chen**, National Taipei University of Technology, Taiwan

**Wei-Chun Lai**, National Taipei University of Technology, Taiwan

- The Curating Design for a Diverse-Brand Joint Exhibition

**Wen Fong**, National Taipei University of Technology, Taiwan

---

**Parallel Session IV-E**

**Topic**: Asian Urban and Regional Issues  
**Room**: Department of Urban Planning 50120  
**Chair**: Arianne Dumayas

- Planning Systems and Governance Mechanisms in High-tech Development: Reviewing Eindhoven city-region, Netherlands and Hsinchu city-region, Taiwan  
  **Wei-Ju Huang**, National Cheng Kung University, Taiwan

- Development of Economic Zones in the Philippines: A Comparison Between Public and Private Economic Zones  
  **Arianne Dumayas**, Chuo University, Japan

- Evaluating Effects of the Seismic Retrofitting Promotion Project on Economic Damage Reduction in Kyoto city  
  **Ryoya Tomeno**, Ritsumeikan University, Japan  
  **Mingji Cui**, Ritsumeikan University, Japan  
  **Yusuke Toyoda**, Ritsumeikan University, Japan

---

**Parallel Session IV-F**

**Topic**: Urban and Regional Planning  
**Room**: Department of Urban Planning 50102  
**Chair**: Md. Fakrul Islam

- Service Availability vs Community Demand: The Viability of Union Digital Centers in Rural Bangladesh  
  **Mahmud Ali Masu Reza**, University of Rajshahi, Bangladesh  
  **Md. Fakrul Islam**, University of Rajshahi, Bangladesh
**Parallel Session IV-G**

**Topic**  
Innovation, Knowledge and Industry Issues

**Room**  
Department of Urban Planning 50402

**Chair**  
Fikri Zul Fahmi

- Business networks, social capital and the productivity of creative industries: A case study of Indonesia  
  **Fikri Zul Fahmi**, Institut Teknologi Bandung, Indonesia

- “Cycle Cultural Tourism as a Regional Development Policy for All”  
  A Comparative Study on Cycle tourism between Japan and Thailand  
  **Kiyoto Kurokawa**, Ritsumeikan University, Japan

- Critical Issues on the Creative Class and Policy for Regional Development: Case Study from Japan  
  **Akira Kiminami**, The University of Tokyo, Japan  
  **Lily Kiminami**, Niigata University, Japan

**Parallel Session IV-H**

**Topic**  
Urban and Regional Planning

**Room**  
Department of Urban Planning 50404

**Chair**  
Alan Murray

- A Study on the Application of Resilience for Sustainable Cities  
  **Bonghyun Jeong**, Chonnam National University, South Korea  
  **Eunju Jung**, Chonnam National University, South Korea

- The Real Equation of Regional Resilience  
  **Haydee Jacklyn Malubay**, University of the Philippines, Philippines

- Sustainability and Resilience through Micro-scale Planning for Change  
  **Alan Murray**, University of California at Santa Barbara, United States
### Coffee Break 10:00-10:20

### Keynote Speech II 10:20-11:20

<table>
<thead>
<tr>
<th>Title</th>
<th>How the Knowledge Revolution Will Change Urban and Global Geography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaker</td>
<td>Fred Phillips</td>
</tr>
<tr>
<td>Room</td>
<td>The Magic School of Green Technologies – Chung Hwa Hall</td>
</tr>
<tr>
<td>Chair</td>
<td>Shiann-Far Kung</td>
</tr>
</tbody>
</table>

### Break 11:20-11:30

### Keynote Speech III 11:30-12:30

<table>
<thead>
<tr>
<th>Title</th>
<th>Quantifying the Effect of Globalization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaker</td>
<td>Shin-Kun Peng</td>
</tr>
<tr>
<td>Room</td>
<td>The Magic School of Green Technologies – Chung Hwa Hall</td>
</tr>
<tr>
<td>Chair</td>
<td>Fu-Chuan Lai</td>
</tr>
</tbody>
</table>

### Lunch 12:30-13:30

### Parallel Session V 13:30-15:00

**Parallel Session V-A**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Asian Urban and Regional Issues</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>The Magic School of Green Technologies – Room 2</td>
</tr>
<tr>
<td>Chair</td>
<td>Tomás Dentinho</td>
</tr>
</tbody>
</table>

- Quantitative verification of the normalizing locations' policy for hospital facilities in suburban areas from the viewpoint of emergency transportation time
  - Hiroaki Shirayanagi, Setsunan University, Japan
  - Yukisada Kitamura, Osaka Prefecture University, Japan

- How Japan Expands Exports of Agricultural Products to East Asia? Using Theoretical and Real Share of Japan
  - Maria Ikegawa, Policy Research Institute, MAFF, Japan
• A Spatial Interaction Model with Land and Water Use to Analyse Water Shortages in Campinas, Brazil
  Daniel Nepomuceno, University of Azores, Portugal
  Paulo Silveira, University of Azores, Portugal
  Tomás Dentinho, University of Azores, Portugal

Parallel Session V-B
Topic  Method of Urban and Regional Analysis
Room  The Magic School of Green Technologies – Room 3
Chair  Rachel Franklin

• The electoral migration cycle
  Federico Revelli, University of Torino, Italy

• Fifty (or so) Ways to Lose Your Population: Comparing Typologies of Decline for U.S. Counties
  Rachel Franklin, Brown University, United States

• Ripple Effects of Revitalization Policy: Cases of "Tamenteki Kino Shiharai," "Furusato Nouzei," and "Chiiki Shinkou Ken"
  Yoji Kunimitsu, National Agriculture and Food Research Organization, Japan
  Tatsuki Ueda, National Agriculture and Food Research Organization, Japan
  Mitsuru Okiyama, Reitaku University, Japan
  Suminori Tokunaga, Reitaku University, Japan
  Yoshifumi Ishikawa, Nanzan University, Japan

Parallel Session V-C
Topic  Environmental and Sustainable Development
Room  The Magic School of Green Technologies – Room 4
Chair  Kingsley E. Haynes

• Environmental Impact of Pond Filling in a North-Western District of Bangladesh
  Md. Yeamin Ali, University of Rajshahi, Bangladesh
  Md. Fakrul Islam, University of Rajshahi, Bangladesh
  Wardatul Akmam, University of Rajshahi, Bangladesh
  Akib Javed, University of Rajshahi, Bangladesh
  Mst. Rupali Akhtar, University of Rajshahi, Bangladesh

• Impact of High-Speed Rail on Regional Economic Disparity in China
Zhenhua Chen, The Ohio State University, United States
Kingsley E. Haynes, George Mason University, United States

- A Simulation Analysis of Optimal Regional Policy to Control Water Quality of Public Water Body: Case of Kanto Region in Japan
Takeshi Mizunoya, University of Tsukuba, Japan
Noriko Nozaki, University of Tsukuba, Japan
Rajeev Kumar Singh, University of Tsukuba, Japan
Helmut Yabar, University of Tsukuba, Japan
Yoshiro Higano, University of Tsukuba, Japan

Parallel Session V-D

**Topic**
Environmental and Sustainable Development

**Room**
Department of Urban Planning 50118

**Chair**
Tomoya Mori

- Welfare Measurement of Regional Resiliency
Chisato Asahi, Tokyo Metropolitan University, Japan
Kiyoko Hagihara, Bukkyo University, Japan

- Exploring adaptive behaviors in earthquake disaster risk area based on land use planning perspective
Tzu-Ling Chen, National Cheng Kung University, Taiwan
Hsueh-Sheng Chang, National Cheng Kung University, Taiwan

- Panel data analysis of the factors for determining the inbound tourism in Japan
Tomoya Mori, Yamaguchi University
Masahiro Yabuta, Chuo University

- A Synthesized Vulnerability Assessment of Taiwan: Integrating Biophysical and Social Vulnerability
Yung-Jaan Lee, Chung-Hua Institution for Economic Research, Taiwan

Parallel Session V-E

**Topic**
Innovation, Knowledge and Industry Issues

**Room**
Department of Urban Planning 50120

**Chair**
Nij Tontisirin

- Product and Process R&D under Asymmetric Demands
Wen-Jung Liang, National Dong Hwa University, Taiwan

- Competitive Brand Based on Customer – Perceived Value: A
Comparative Study on Samsung and Apple among University Students
Md Arifur Rahman, Ritsumeikan University, Japan

- Measuring area-based innovation systems: An analytical framework for regional development in Thailand
  Nij Tontisirin, Thammasat University, Thailand
  Sutee Anantsuksomsri, Chulalongkorn University, Thailand

### Parallel Session V-F

**Topic** Transportation Issues  
**Room** Department of Urban Planning 50102  
**Chair** David Guerrero

- Freight flows and urban hierarchy: The case of Japan
  David Guerrero, Université Paris-Est, France
  Hidekazu Ito, Kwansei Gakuin University, Japan
  Kenmei Tsubota, Institute of Developing Economies, Japan

- Applying the Concept of Public interest to Examine Taiwan's Private Participation in Infrastructure System
  Po-Wen Huang, National Taipei University of Technology, Taiwan
  Kuang-Hui Peng, National Taipei University of Technology, Taiwan
  Kemo Sima, National Taipei University of Technology, Taiwan

  Yuki Inoue, Ritsumeikan University, Japan
  Hidehiko Kanegae, Ritsumeikan University, Japan

### Parallel Session V-G

**Topic** Spatial Economy  
**Room** Department of Urban Planning 50402  
**Chair** Haiyan Zhong

- Urban System, Economic Growth and Income Distribution: Spatial Econometric Analysis on Urban Panel Data of China
  Haiyan Zhong, Southwest University for Nationalities, China

- Do government higher education expenditures affect more on economic growth or inequality?
**Parallel Session V-H**

**Topic**  Environmental and Sustainable Development  
**Room**  Department of Urban Planning 50404  
**Chair**  Yucheng Zhu

- Simulation Analysis of Impact of Introducing Smart Grid and Renewable Energy on Carbon Emission  
  **Yucheng Zhu**, University of Tsukuba, Japan
- Decentralization: Towards a More Efficient Approach in Chinese Energy Transition Governance?  
  **Jing Wu**, University of Groningen, Netherlands
- Is GHG emission reduction activity a CSR activity? Or part of the main business strategy? – Comparing cases among EU, USA, and Japan  
  **Takara Teranishi**, The University of Tokyo, Japan

**Parallel Session V-I**

**Topic**  Asian Urban and Regional Issues  
**Room**  Department of Urban Planning 50406  
**Chair**  Ahmed Abdullah Aldabbous

- Metropolises and the social stratification  
  **Ahmed Abdullah Aldabbous**, University College London, Kuwait
- Migration factors and its impact on Land-use change in Pontianak Metropolitan Area, Indonesia  
  **Yanti Budiyantini**, Institut Teknologi Nasional, Indonesia  
  **Nurindah Febriani**, Institut Teknologi Nasional, Indonesia

**Coffee Break**  15:00-15:30
Parallel Session VI  15:30-17:00

Parallel Session VI-A

Topic   Spatial Economy
Room   The Magic School of Green Technologies – Room 2
Chair   Hiroshi Ohta

- Bricks, Clicks, or Bricks with Clicks?
  Charles Ingene, University of Oklahoma, United States
  Amiya Basu, Syracuse University, United States
  Atasi Basu, Utica College, United States

- Some Counter-Examples to the Factor Price Equalization Theory
  Hiroshi Ohta, Aoyama Gakuin University, Japan

- Population Growth and the Transfer Paradox in an Overlapping Generations Model
  Kojun Hamada, Niigata University, Japan
  Tsuyoshi Shinozaki, Tohoku-Gakuin University, Japan
  Mitsuyoshi Yanagihara, Nagoya University, Japan

Parallel Session VI-B

Topic   Asian Urban and Regional Issues
Room   The Magic School of Green Technologies – Room 3
Chair   André Torre

- Urban Resilience in Post-disaster Reconstruction Planning Implementation: A Comparative Study of Yingxiu Town and Shuimo Town, China
  Yiwen Shao, The Chinese University of Hong Kong, Hong Kong

- Impact of the Great East Japan Earthquake on Marine Products and Fisheries: Using a Geographically Weighted Regression Model
  Maria Ikegawa, Policy Research Institute, MAFF, Japan
  Suminori Tokunaga, Reitaku University, Japan

- Land use conflicts: a study on the case of Diamer Basha Dam (Pakistan) based on interviews and dailies
  Muazzam Sabir, Université Paris Saclay, France
  André Torre, Université Paris Saclay, France
Parallel Session VI-C

Topic  Asian Urban and Regional Issues
Room  The Magic School of Green Technologies – Room 4
Chair  Serena Serrano Oswald

- Consumer Cooperatives and Quality-Enhancing Innovation of Food in Japan
  Shinichi Furuzawa, Niigata University, Japan
  Lily Kiminami, Niigata University, Japan
- Price Premium or Price Discount for Locally-Produced Food Products? A Temporal Analysis
  Yiwen Yang, University of Hawaii at Manoa, United States
- Economic, political and family changes in a rural-indigenous migrant setting in Mexico
  Serena Serrano Oswald, Universidad Nacional Autónoma de México, Mexico

Parallel Session VI-D

Topic  Urban and Regional Planning
Room  Department of Urban Planning 50118
Chair  Yen-Jong Chen

- Leadership for Regional Economic Development: A Comparative Study between Kurokabe Square, Nagahama City, Japan and One Tambom One Product (OTOP) villages in Northeast, Thailand
  Takamasa Hattori, Ritsumeikan University, Japan
- Co-Residence Preferences and Intergenerational Living Arrangement under the Consideration of Chinese Filial Norms
  Yen-Jong Chen, National Cheng Kung University, Taiwan
  Hsi-Chuan Wang, National Cheng Kung University, Taiwan
- Effects of Research and Development investment and public investment to increase GDP under population decline: Lessons from dynamic spatial CGE model with endogenous growth mechanism
  Yoji Kunimitsu, National Agriculture and Food Research Organization, Japan
Parallel Session VI-E

**Topic**  Spatial Economy

**Room**  Department of Urban Planning 50102

**Chair**  Jean-Claude Thill

- Community Structures in Networks of Containerized Freight Flows in China, South America and Europe
  - **Paul H. Jung**, University of North Carolina at Charlotte, United States
  - **Jean-Claude Thill**, University of North Carolina at Charlotte, United States
- Recent Decrease of the Regional Disparity in Thailand
  - **Kenji Nozaki**, Surugadai University, Japan
- Direct, Indirect, and Total Effects in the Spatial Model of FDI Determinants in Vietnam
  - **Le Van Thang**, University of Economics-Ho Chi Minh City, Vietnam
  - **Nguyen Luu Bao Doan**, University of Economics-Ho Chi Minh City, Vietnam

Parallel Session VI-F

**Topic**  Asian Urban and Regional Issues

**Room**  Department of Urban Planning 50120

**Chair**  Suminori Tokunaga

- A Study on the Community Building Projects in Korea: Focused on Neighboring Area of Pureungil Park in Gwangju
  - **Hee Cheol Yun**, Gwangju Council for Sustainable Development, South Korea
  - **Hyeong Min Kim**, Gwangju Council for Sustainable Development, South Korea
- Farmlands change analysis with satellite image classification – a case study of Yilan, Taiwan
  - **Kai-Jie Yang**, Feng Chia University, Taiwan
  - **Mei-Jung Lai**, Feng Chia University, Taiwan
  - **Yi-Shiang Shiu**, Feng Chia University, Taiwan
- Impact of National Disaster on a Regional Economy through Fluctuation in Farm, Forestry and Marine Products: Utilizing the Interregional Input-Output Table for 47 prefectures
  - **Mitsuru Okiyama**, Reitaku University, Japan
  - **Yoshifumi Ishikawa**, Nanzan University, Japan
  - **Suminori Tokunaga**, Reitaku University, Japan
<table>
<thead>
<tr>
<th>Parallel Session VI-G</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Topic</strong></td>
<td>Spatial Economy</td>
</tr>
<tr>
<td><strong>Room</strong></td>
<td>Department of Urban Planning 50402</td>
</tr>
<tr>
<td><strong>Chair</strong></td>
<td>G. George Hwang</td>
</tr>
</tbody>
</table>
| - The Resource Curse Hypothesis Revisited: Evidence from Asian Economies Hiroyuki Taguchi, Saitama University, Japan  
  Ni Lar, Japan Society for the Promotion of Science, Japan  
- A spatial model of regional resilience G. George Hwang, Shih Hsin University, Taiwan  
- Scenario Analysis of Municipal Solid Waste Management system in Yangon city, Myanmar Tin Min Htoo, University of Tsukuba, Japan  
  Yoshiro Higano, University of Tsukuba, Japan  
  Takeshi Mizunoya, University of Tsukuba, Japan |

<table>
<thead>
<tr>
<th>Parallel Session VI-H</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Topic</strong></td>
<td>Transportation Issues</td>
</tr>
<tr>
<td><strong>Room</strong></td>
<td>Department of Urban Planning 50404</td>
</tr>
<tr>
<td><strong>Chair</strong></td>
<td>Monica Navarrete</td>
</tr>
</tbody>
</table>
| - Open Technologies in a GIS-T Application for Public Transportation in Arica City (Chile) Patricio Aroca, Universidad Adolfo Ibáñez, Chile  
  Monica Navarrete, Universidad de Tarapacá, Chile  
  Ricardo Valdivia, Universidad de Tarapacá, Chile  
  Rodrigo Cornejo, Universidad de Tarapacá, Chile  
- Effects of Extreme Precipitation Events and Land Use Change on Urban Ecosystems Szu-Hua Wang, Chinese Culture University, Taiwan  
- Bangkok Motorcycle Taxis as ‘Eyes on Street’? Sirirat Sornprasit, Chulalongkorn University, Thailand  
  Warramet Sirijintana, Chulalongkorn University, Thailand |
### Parallel Session VI-I

**Topic**  Urban and Regional Planning  
**Room**  Department of Urban Planning 50406  
**Chair**  Frederic Wallet

- Policy process analysis of Satoumi in Shima city, Mie Prefecture  
  **Minori Fukuda**, Ritsumeikan University, Japan
- Governing commons for rural development: the case of geographical indications  
  **Frederic Wallet**, Université Paris Saclay, France
- Sejong City in the Context of Regional Development in South Korea  
  **Mohd Shukri Hajinoor**, Universiti Kebangsaan Malaysia, Malaysia

### Gala Dinner  17:30-19:00

**Room**

**Chair**  Fu-Chuan Lai & Shiann-Far Kung