**Room 3** Yufu Sci-tech Building, Southeast Univ.  
Sun, 7 Jan 2018

**Session 15: Urban Environment**  
Chairman: Sampei YAMASHITA

- NO.57 Research of Wind and Thermal Environment of the Commercial District Based on CFD Technology  
  Xia SUN, Zao Li and Shichen ZHAO

- NO.58 Study on Environmental Footprint Reduction of the Built-up Area by the Smart Community Plan  
  Hakiku KODA, Shinij IKARUGA and Takeshi KOBAYASHI

- NO.59 Hierarchical Analysis on the Spatial Quality of Outdoor Environment in Existing Residential Areas in the North  
  - Taking Dalian as an Example  
  - Yue FAN, Xixuan FAN, Xiang WANG and Zhubin LI

- NO.60 Study on the Impact of Trees on In-canyon Micro-climate and Thermal Comfort in Summertime of Lhasa, Tibet  
  Jun ZHANG, Yingzi ZHANG and Li ZHANG

**Room 3** Yufu Sci-tech Building, Southeast Univ.  
Sat, 6 Jan 2018

**Session 13: Transportation (1)**  
Chairman: Prof. Kazuki KARASHIMA

- NO.49 A Study on the Relationship between Terminal Transportation of Subway Users and Location Condition of Subway Station  
  Go HIGUCHI, Qi CHEN, Shichen ZHAO and Yountaik LEEM

- NO.50 Analysis of Influence Factors of Traffic Congestion Index in Harbin Business District  
  Juan LIU, Wen CHENG

- NO.51 Study on Promotion Strategy of Non-motorized Traffic System in Central Area - Taking Tianjin as an Example  
  Mingwei CHANG, Dachang YUAN and Xiaoyan MI

- NO.52 Necessity or Substitute? The Competition between Traditional Taxis and Tailed Taxis  
  Jinming DING, Xuexing HUA

**Session 14: Transportation (2)**  
Chairman: Prof. Zhuoran LI

- NO.53 Explaining Walking Duration to Transit Stations by SocioDemographic Characteristics  
  Qi CHEN, Go HIGUCHI, Feifan XU, Shichen ZHAO and Yountaik LEEM

- NO.54 A Study on the Effective Range of Spatial Accessibility of the Areas around Subway Station Based on Space Syntax Theory  
  Ze LIU

- NO.55 Study on the Site Selection and Layout of Commercial Complex at Subway Station - Taking Shanghai Line 2 for example  
  Wen LIU, Yanyan WEI, Yu WANG

- NO.56 Evaluation and Optimization of Urban Bicycle Travel Environment Based on Network Analysis  
  - Taking the Central Area of Tianjin as an Example  
  - Lichun ZHUANG, Xiaoyan MI

**Session 12: Urban Data Analysis**  
Chairman: Prof. Tae-Heon MOON

- NO.45 Spatial Data Infrastructure for Disaster Mitigation in Urban and Rural Places in Chacalayco District, Peru  
  Ever Enrique Castillo Osorio, Hwan Hee YOO

- NO.46 The Identification of Influential Factors and the Evaluation of Vitality in Urban Street Environment based on Open Data  
  - A Case Study of Chuje Han Street in Wuhan -  
  - Hui HE, Yi CHEN and Xiaowu LIN

- NO.47 Regional Image Analysis in Tokushima Central Urban Area by Tweet Data  
  Kojiro WATANABE, Suguru TSUUIOKA

- NO.48 Prediction of Crime Occurrence Risk Area Using Spatial Big Data  
  Ju-Young KIM, Tae-Heon MOON and Sun-Young HEO

**Session 16: Housing and Settlement**  
Chairman: Prof. Naoki TSURUSAKI

- NO.61 A Study on Prediction of Declining Area of Sloping Urban Area Using Walking Consumption Energy (Cases of Nagasaki City)  
  Dongyuan KIM, Takeru SAKAI and Takafumi ARIMA

- NO.62 Analysis of Spatial-temporal Impacts of Metro Line on Housing Prices - Taking Hefei Metro Line 1 Bao Gong Yuan Station as an Example -  
  - Zimo ZHANG, Sunan TU and Luyu CHEN

- NO.63 A Study on the Possibility of Utilization at Vacant Houses by the Collaboration of Public and Private Sectors  
  - Case Study on Imi Area, Dita Prefecture, Kyushu in Japan -  
  - Hiroki OTA, Yuka HIMEINO and Ryohei HARADA

- NO.64 Impact of Transportation Convenience in Urban Mid-Low Cost Residential Areas on Housing Price Change - A Case Study of Shanghai-Sunan TU, Jiajie ZHANG and Yifan HUANG

**Session 17: Disaster Prevention**  
Chairman: Prof. Takeru SAKAI

- NO.65 The Role of Foreign Communities in the Evacuation of Foreigners during the 2018 Kumamoto Earthquakes  
  Shihao XU, Yu SHIBATA

- NO.66 Analysis on the Accessibility to the Evacuation Shelters for Disaster Risk Districts of Changwon City, Korea  
  Se-Ryeon SON, Hwan-Hee YOO

- NO.67 Spatially Distributed Water Management in an Urban Watershed: Practice, Research and Education  
  Sampei YAMASHITA

- NO.68 A Study on the Damage Situation and the Issue of the Restoration Process of Agricultural Villages of the 2018 Kumamoto Earthquake  
  Yu SHIBATA

- NO.69 A Study on Necessity and Feasibility of Prefabricated Construction Promotion in Rural Area  
  - Take Anhui Province of China for Example -  
  - Weiçi CUI, Zao LI and Qiang WANG

- NO.70 Smart Shrinking Model of Restructuring Suburb Areas  
  - Case Study of Kashiw City as a Tokyo Suburb -  
  - Junhwan SONG, Atsushi DEGUCHI, Shinij IKARUGA, Takeshi KOBAYASHI and Younga KIM

- NO.71 Suburban Sprawl and Development Impact Factors in Japanese Local Cities  
  Masahiro MAKIHIRO, Shinij IKARUGA and Takeshi KOBAYASHI

- NO.72 An Attempt to Evaluate Actual Conditions of Suburban Residential Areas in a Local City For Exploring Intensive Urban Structure  
  - A Case Study in the Urbanization Control Area in Toyohashi City -  
  - Kazuki KARASHIMA, Jun-icho ASANO and Kensuke MATSUBASHIT

**Session 18: Suburban & Rural**  
Chairman: Prof. ShigeYuki KUROSE

- NO.69 A Study on the Possibility of Utilization at Vacant Houses by the Collaboration of Public and Private Sectors  
  - Case Study on Imi Area, Dita Prefecture, Kyushu in Japan -  
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  - Kazuki KARASHIMA, Jun-icho ASANO and Kensuke MATSUBASHIT
**Symposium**

09:50
Room 1

10:50-11:30
NO.13 Analysis on Supply-demand Ratio on each Category of Medical Department - A Case Study of Fukouka - Feifan XU, Shichen ZHAO and QI CHEN

11:30-11:50
NO.14 The Supply Method of Elderly Welfare Facilities by Social Welfare Councils in Mountainous Areas - TIAN TIAN, Sachiko MISHIMA, Nodoka SIOMI, Mahito NAKAZONO, Sachiko YAMAMOTO and Skoken KOH

**Session 1: Urban Transformation**
Chairman: Prof. Yu SHIBATA

09:30-09:50
NO.09 Sharing City - The Exploration and Reflection of the Sharing Economy and Urban Renovation - Congwen HU, Dachang YUAN

09:50-10:10
NO.10 Empirical Study to Introduce Town Management in Seoul, Korea by Using Smart City Folder - Woon Y. LEE, Bum S. KIM, Junwahn SONG, Jun H. LEE

10:10-10:30
NO.11 The Pattern of Land Use Change in Tourism Amenities in the Old District of Masakera, HAITAO SASTRAWATI, Junichiro ASANO

10:30-10:50
NO.12 Regeneration to Become Eco-Humane Compact City by Transit Oriented Development: Mamminasata Metropolitan, Indonesia - Anando YUDONO, Arifuddin AKIL, Adipandang YUDONO and Ade MULAWARIN

**Session 2: Community Revitalization**
Chairman: Prof. Junwahn SONG

15:10-15:30
NO.05 The Strategies of Urban Village Organic Regeneration in the Context of New Urbanization - A Case Study of Nanqiao - Jing TONG, Yingli ZHANG and Tao HE

15:30-15:50
NO.06 Micro Intervention Spatial Strategy Research about Urban Villages Regeneration in China - Taking Huaqiao University for Example - Siamo LI, Lufeng ZHANG, Mo DING and Ning PENG

15:50-16:10
NO.07 A Study on the Methods of Renewing the Old Community in Highdensity Cities - Mengfei DU, Dachang YUAN and Xiaoian MI

16:10-16:30
NO.08 A Study on the Direction of Residential Area Regeneration through Han-DK Rehabilitation - Geon-Mo PARK, Jae-Rak AHN

**Session 3: Urban Renewal**
Chairman: Prof. IHSAN

10:50-11:10
Coffee Break

11:10-11:30
NO.15 Construction Process of Regional Nucleus Facility and Small-scale Day Care Facilities Converted a Traditional Timber House and Abolished School in Rural Area - Case Study on Abu Town in Yamaguchi Prefecture - Sachiko MISHIMA, Nodoka SIOMI, Mahito NAKAZONO, Sachiko YAMAMOTO and Skoken KOH

12:10-12:30
NO.16 Study on Urban Medical Facilities Allocation Based on Aging Demand - Yanyan GAO, Zi Zhao and Zhi HENG

14:50-15:10
Coffee Break

14:50-15:10
NO.24 Spatial Pattern Analysis of Civil Petition in Jinju City, Korea - Ihsan, Ifda Sastrawati, Marly Valenty, Venny Veronica Natalia and Suzi Anugrah Yanti

15:10-15:30
NO.21 A Study on the Determination Factors of Residents Participation in Urban Regeneration Projects - Jae-Won SHIN, Yeong KIM and Seong-sil HONG

15:30-15:50
NO.22 A Decision-making Framework for Public Engagement in Urban Housing Development using Digital Gamification - Tian Lian, Marc Aurel Schnabel and Tane Moleta

15:50-16:10

16:10-16:30
NO.24 Spatial Pattern Analysis of Civil Petition in Jinju City, Korea - Min-Song SEO, Tae-Hong WONG and Hwan-Hee YOO

14:50-15:10
Session 7: Public Space (1)
Chairman: Prof. Prasanna DIVAGALIPITIYA

13:30-13:50
NO.25 A Study on the Comparative Analysis of Connectivity for Pedestrian Space in China and Japan Using Cellular Automata - Xiaoyan MI, Zhao WANG

13:50-14:10
NO.26 The Urban Design Methods of Public-Art Installation Space in Japanese Cities - Yahan YANG, Shini IKARUGA and Takeshi KOBAYASHI

14:10-14:30
NO.27 Sense of Attachment among Students in Using Campus Public Space - Mona ANGGISIANI, Bambang HERYANTO

14:30-14:50
NO.28 Investigation of Thermal Environment in Pedestrian Space in Summersette of Lhasa, Tibet - Wenshuang WANG, Yingyi ZHANG and Fei FU