

## Conference Program

### August 30<sup>th</sup>

Time	Program	Room
12:00 ~ 17:00	Registration	Student Hall
13:00 ~ 17:00	Welcome events and Seminars	Student Hall

### August 31<sup>st</sup>

Time	Program	Room
08:00 ~ 09:00	Registration	Student Hall
09:00 ~ 09:10	Opening remarks	Memorial Hall
09:10 ~ 11:00	Keynote Speeches	Memorial Hall
09:10-09:30	Prof. Toru MITANI, Chiba University	
09:30-09:50	Prof. Brian PAI, Chengchi University	
09:50-10:10	Prof. Kyung-Jin ZOH, Seoul National University	
10:10-10:20	Break	
10:20-10:40	Prof. Qizhi MAO, Tsinghua University	
10:40-11:00	Prof. Feng ZHEN, Nanjing University	
11:00 ~ 11:20	Break	Student Hall
11:20 ~ 12:50	Session Period 1	Room1-6
12:50 ~ 14:20	Lunch Break	Student Hall
14:20 ~ 15:50	Session Period 2	Room1-6
15:50 ~ 16:10	Break	Student Hall
16:10 ~ 17:40	Session Period 3	Room1-6
18:00 ~ 20:00	Banquet	Auditorium

### September 1<sup>st</sup>

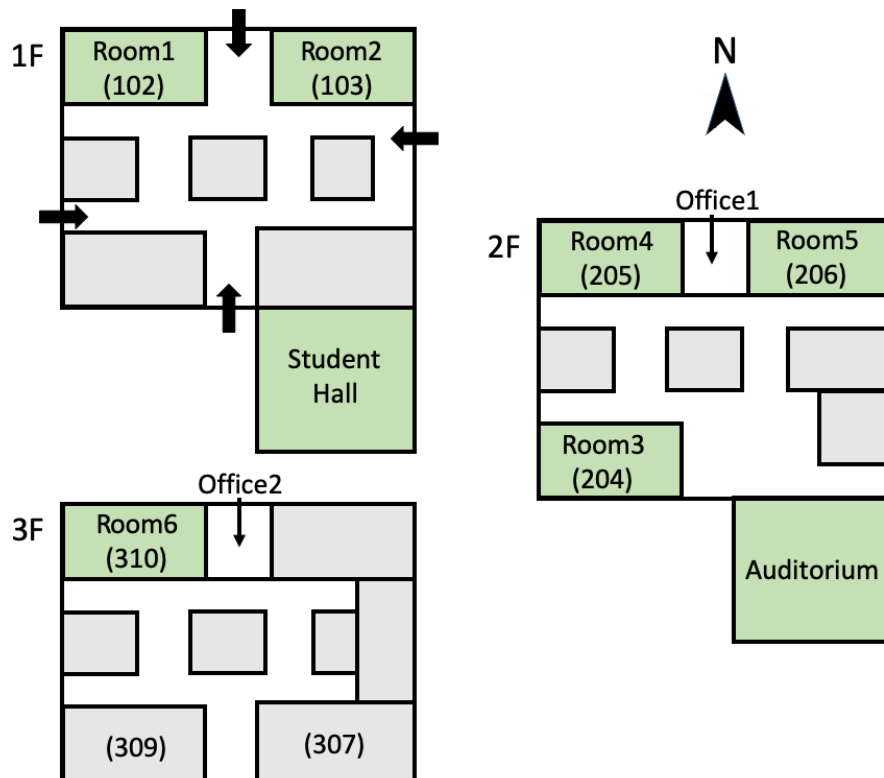
Time	Program	Room
08:40 ~ 10:10	Session Period 4	Room1-6
10:10 ~ 10:30	Break	Student Hall
10:30 ~ 12:00	Session Period 5	Room1-6
12:00 ~ 17:00	Excursion	

### Campus Map



(From [http://www.chiba-u.ac.jp/e/about/location/matsudo\\_campus.html](http://www.chiba-u.ac.jp/e/about/location/matsudo_campus.html))

### Floor Plan of Building E



## Guidelines for presentation

- LCD projector and PC (laptop computer, Windows 10) with PowerPoint and PDF Adobe Reader DC are ready at each session room.
- Each presentation is 15 minutes including the time for presenter's change. Please prepare 12 minutes presentation.
- Please bring your presentation file (Power Point or PDF) on a USB stick or with your laptop. VGA cable is prepared in each session room. In the case of Macintosh, please prepare VGA adapter.
- Please copy your presentation file to the computer of the session room before the previous break. Students will assist you.

## Excursion Information

### Redevelopment City Coexisting with Nature

-Practical use of urban function facility and Town development with public-private collaboration-

The modern city is faced with a lot of problems such as urban heat island, poor urban landscape, and the decline in the local community. In order to solve these problems, the urban spaces are renovated with quality landscape and new community in Japan. For example, Kashiwa-no-ha in Kashiwa city was designed as an advanced environment-friendly town with public-private-academia collaboration. By Transforming the Reservoir of disaster prevention into a public water garden with a café and shops, Kashiwa-no-ha attracts the public's attention. We could learn about how to create sustainable urban space coexisting with nature and based on local situation from the case of Kashiwa-no-ha.



Date: 2019/9/1 (Sun) 12:20-17:00

Timetable:

12:00 - 12:20 Meeting at Student Hall

12:20 - 13:00 Moving by bus (lunch in the bus)

13:00 - 14:00 Center of Environmental, Health and Field science, Chiba University

14:00 - 14:15 Moving by walk

14:15 - 14:45 Urban Design Center Kashiwa-No-Ha

14:45 - 15:00 Moving by walk

15:00 - 16:00 KASHIWANOHA Aqua Terrace

16:00 - 16:15 Moving by walk

16:15 Breaking up at Kashiwa-No-Ha station (Those who don't stay in Matsudo)

17:00 Coming back by bus and breaking up at Matsudo station

## SPSD2019 Program

### Room1

#### R1P1 Geospatial Analysis / Modern Technique 1 (Room1, 11:20 ~ 12:50, 31st Aug.)

1. Lin Zhang, Yoo-Sun Yang and Yong-Hoon Son  
A Study on Landscape Perception of Chinese Visitors Through Tablets and Couplets of Changdeokkung Palace's Rear Garden
2. Chang-Yen Lee, Hsin-Hui Huang, Yi-Heng Chen, Pei-Rong Yang and Min-Ta Chuang  
Exploring the Elder's Placemaking Indicator in Taiwan: Using GIS as a Research Tool
3. Shixian Luo, Jing Xie, Dajiang Sun and Katsunori Furuya  
Preference of Landscape Elements through Photo Projection Method: the case of the western of Sichuan Linpan, China
4. Yunmi Park  
Sentiment Analysis of Depopulating and Growing Cities using Twitter Data
5. Jue Ma and Isami Kinoshita  
The Online Destination Image of Main Sightseeing Spots in Tokyo --Based on the geo-tagged photo from Flickr shared by foreign tourists
6. Kenichi Sugihara, Takahiro Murase and Zhenjiang Shen  
Automatic Generation of BIM 3D Building Models for Sustainable Development

#### R1P2 Geospatial Analysis / Urban Development 1 (Room1, 14:20 ~ 15:50, 31st Aug.)

1. Li-Wei Liu and Pei-Yin Ko  
A Preliminary Study of Revitalization Strategies for Rural Towns and Villages Located in Urban Fringes of Taichung, Taiwan
2. Ju-Young Kim, Tae-Heon Moon and Sun-Young Heo  
Consumer Sentiment and the Variation of Real Estate Market
3. Yong Lin, Xiao Teng and Zhenjiang Shen  
Comparative Perspectives on Personal data protection system for smart city between China and Japan
4. Hu Di, Shan-Chuan Wu, Qiao-Chu Gu and Jen Te Pai  
Evaluation of real estate development by n-fold sequential compound option evaluation model: taking a residential development case as an example
5. Qu Shi, Yiting Luo, Yi Xu and Ryosuke Shimoda  
A Study on the Development Process of Fujimi Place in Tokyo Based on the Spatial Planning Theory
6. Haruka Kato and Kiyoko Kanki  
Smart Decline in Urban Sprawl Areas by Evaluating the Walkability Indicator -Case Study of Ibaraki City in the Northern Osaka Metropolitan Area

#### R1P3 Geospatial Analysis / Urban Development 2 (Room1, 16:10 ~ 17:40, 31st Aug.)

1. Jiren Zhu, Yong Tu and Yan Guo  
Analyzing the institution-driven urban sprawl in Chinese metropolises: Evidence from Wuhan
2. Batzorig Tuvshinjargal  
Selecting Effective Urban Sustainability Indicators for Ulaanbaatar, Mongolia
3. Yuno Tanaka and Omar Galal  
Significance of informal extension and conversion of public apartment housing in Cairo, Egypt
4. Yefang Huang and Jianfa Shen  
Population and Sustainable Development in Hong Kong
5. Mengyao Sun, Chengcai Tang and Yating Pan  
Spatial Evolution and Influence Mechanism of Beijing-Tianjin-Hebei Urban Agglomeration Scenic Spots
6. Xinsheng Fan, Yan Yan and Qing Luo  
Analysis of Industrial Transformation and Regional Differences of Cities Based on Comparative Advantages in China

#### R1P4 Geospatial Analysis / Urban Structure (Room1, 08:40 ~ 10:10, 1st Sept.)

1. Ying Long

Functional Urban Area Delineations of Cities Using Massive Didi Car-hailing Records in China

2. Yuriko Yazawa and Katsunori Furuya

The Relationship Between Shrines at the Edge of Uplands and the Visibility of a River from the Shrines around Arakawa River in Kanto region, Japan

3. Pindo Tutuko, Nurhamdoko Bonifacius, Dani Yuniawan, Razqyan Mas Bimatyugra Jati, Mochamad Rizqi Junianto and Reynold Johan Aleksander Telsoni

The Pattern of Kampong Area in Malang City using Space Syntax Approach: Study on Depth Calculation and connectivity using DepthMapX

4. Jiayi Jiang and Junhua Zhang

The impacts of urban functional-zones on residents' visit frequency to local green space: A case study of Shanghai, China

5. Lan Li, Yingyue Luo and Shimoda Ryosuke

Analysis of accessibility in Yamamiyacho district, Kofu city, Japan

6. Ge Chen, Jiaying Shi, Katsunori Furuya and Yiping Xia

Research on the Impact of Modern Architecture as a Background Landscape on Tourists' perception in the Tokyo Metropolitan Cultural Heritage Gardens

R1P5 Geospatial Analysis / Modern Technique 2 (Room1, 10:30 ~ 12:00, 1st Sept.)

1. Sonam Sahu and Izuru Saizen

Spatial Planning and Climate Change: the case of Mumbai Metropolitan Region, India

2. Takahiro Murase and Kenichi Sugihara

Automatic Generation of 3D Terrain Models with Inner Structure for Disaster Prevention

3. Chenwei Cai, Qiongying Xiang, Tingyu Lu, Lu Ke, Mengying Gao, Fumeng Zhang, Jiaying Shi, Yuriko Yazawa and Katsunori Furuya

A Study on the Perceptions towards the Fujisan's Current Status of Japanese Undergraduate Students

4. Xiang Li, Jiang Zhu, Xiangdong Yin, Jingzhu Ou, Yu He and Yongtao Yan

Simulation Research of Urban Space Expansion Supported by Open Source Data— A Case Study of Guangzhou

**Room2**

R2P1 Green infrastructure / Conservation (Room2, 11:20 ~ 12:50, 31st Aug.)

1. Chika Takatori and Keidai Minamoto

Impact of Future Compact City Scenarios on Green Infrastructure Management Case Study of Aichi Prefecture, Japan

2. Hao Ma and Ryosuke Shimoda

Protection and Renewal of Cultural Heritage Based on Green Infrastructure: A Case Study of NOMADOTE(野馬土手) in Kamagaya City, Japan

3. Zhenglun Yang, Changyuan Tang, Keisuke Matsui, Shunichi Satake, Madoka Orimo and Koichiro Fukumoto

Ecohydrological function assessment of riparian wetland in the urban area: a case study in the Sakatsuki River Biotope

4. Sofia Penabaz-Wiley and Isami Kinoshita

The Olfactory Effects of an Ethnobotanical: Memories and Art Influenced by the Scent of *Houttuynia cordata*

5. Tonny Suhartono and Philipus Agus Sukandar

Social Capital in the Development of Green Open Space in Urban Settlements (Case Study of Urban Settlements in Sawojajar, Malang City, East Java, Indonesia)

6. Noriko Akita

How to regenerate the community affected by the Great East Japan Earthquake

R2P2 Green infrastructure / Evaluation (Room2, 14:20 ~ 15:50, 31st Aug.)

1. I Made Pradnyan Dana Natawiguna and Furuya Katsunori

Evaluation of Green City Concept Implementation in Badung Regency, Bali Province.

2. Prita Indah Pratiwi, Qiongying Xiang and Katsunori Furuya

Physiological and Psychological effects on walking activity in the urban park among middle-aged residents

3. Yiping Yan and Dongyun Kwak

Analysis of Characteristics and User's Behavior in Parque Juárez Park, Mexico: Relationships between Park Bench and Urban Park Spaces.

4. Shi Jiaying, Katsunori Furuya and Zhang Kaixuan

Comparative Study of Landscape Character Assessment Based on Virtual Reality or Field Survey

5. Mohamed El Amrousi, Mohamed El Hakeem and Paolo Caratelli

Walkability in the modern Arab city, an assessment of public space along UAE waterfronts

6. Zhendong Liu, Hanqiu Zhang, Siqu Xing, Kumiko Kobayashi, Kyunghun Min, Ryo Nishisaka, Shixian Luo, Mai Uemura, Ziyue Hu and Katsunori Furuya

Young People's Perception about Personal Green Space in Urban Open Area

#### R2P3 Green infrastructure / Promotion (Room2, 16:10 ~ 17:40, 31st Aug.)

1. Fabiola Meignen, Anna Martínez and Núria Martí

Introducing greenery in the city of Barcelona through the intermediate spaces of its Mediterranean architecture.

2. Faith Wachinga Kaibere

Greening Existing Building in Kenya: An evaluation of Green Building Rating Tools

3. Minseo Kim and Katsunori Furuya

Consideration of the Possibility of Informal Green Space for the Elderly

4. Chen-Yi Sun

Green building promotion and encouragement policy in Taiwan

5. Takeshi Kinoshita

Comparative Study of Green Infrastructure Implementation for Climate Change Adaptation in UK and Japan

6. Siti Nurul Rofiqo Irwan, Retno Nur Utami, Ahmad Sarwadi and Alia Bihrajihant Raya

Plant selection of Urban greenery of Yogyakarta Indonesia

#### R2P4 Community / Activity (Room2, 08:40 ~ 10:10, 1st Sept.)

1. Lizhen Zhao, Zhenjiang Shen and Yanji Zhang

The Impact of Built Environment on Children's Outdoor Activities in Old Communities of Fuzhou City: A Case Study of Longjin Community

2. Hui-Chun Tsuang, Ko-Chiu Wu and Kuang-Hui Peng

Social housing residents' community participation under the impact of lease period restrictions

3. Ching-Hsi Chen Tsai, Lih-Yau Song, Kuang-Hui Peng and Ying-Yi Hsieh

Discussion on the Influence of Community Autonomy and Community Planners on Building Resilience Communities

4. Dina Poerwoningsih, Erna Winansih, Imam Santoso and Hery Budiyanoto

Changing toward Better Environment Behavior through Participatory Planning in Kampung Sumberingin Kotalama-Malang, Indonesia

5. Mariia Ermilova, Mitsunari Terada, Kenichi Abe, Aiko Eguchi and Isami Kinoshita

Participatory mapping and landscape planning in the aging community: implications from action research in Iwase Neighborhood Association Matsudo, Japan

6. Giyoung Kim

Study on the Types of Sense of Community in Apartment Complex : An Application of Q-Methodology

#### R2P5 Community / Regeneration (Room2, 10:30 ~ 12:00, 1st Sept.)

1. Laila Zohrah, Titin Fatimah and Theresia Budi Djayanti

A Study on Kampung Luar Batang-North Jakarta's Act of Dwelling and Rental Affordability

2. Ryuichi Soga, Kenya Higashijima and Noriko Akita

A Study on Possibility of Citizen Farm at Residential Area - Focusing on Kleingarten in Germany -

3. Reven A. Rahmanda, Dina Poerwoningsih and Erlina Laksmiani Wahjutami

Sustainable Management of Building Materials in Ume Kbbubu and Lopo by Boti Tribe

4. Reynold J.A. Telnoni, Dina Poerwoningsih and Erlina Laksmiani Wahjutami

Tectonics of Ume Kbbubu and Lopo as A Manifestation of Local Ingenuity of Boti Tribe

5. Changhyun Lee, Gayoung Lee, Dasup Lim and Youngjin Ham

Reorganization of Industrial Ecosystem for the Revitalization of Decline Industry : Focused on the sewing Industry in Segye, Cheongpa-dong, Seoul

### Room3

#### R3P1 Heritage / Cultural Landscape (Room3, 11:20 ~ 12:50, 31st Aug.)

1. Jia Ma and Xiong Li  
Characteristic of Horticultural Industry and Green Tourism in Suburban Area of Beijing
2. Shen Yuchong and Akita Noriko  
A study on the preservation of cultural Landscape with the development of land use in Xitang Water Town
3. Yingming Mao, Kyunghun Min and Katsunori Furuya  
How does Japanese Cultural Education influence the perception of Japanese Gardens? -----  
Focus on Japanese Students studying Landscape
4. R. Rijanta  
Preserving Sawah Surjan as a Cultural Landscape of Yogyakarta Province, Indonesia:  
Towards a Collaborative Model
5. Seo-Lin Kim and Jong-Sang Sung  
Pigeons as Garden Elements in the Joseon Dynasty
6. Seung-Hong An  
Preservation and Utilization of Traditional Agricultural Landscape

#### R3P2 Heritage / Education (Room3, 14:20 ~ 15:50, 31st Aug.)

1. Paolo Caratelli, Maria Alessandra Misuri and Mohamed El Amrousi  
Falaj and Earthen Architecture in Al-Ain, UAE: Historical Symbiosis and Possible Sustainable Developments
2. Teranetr Tienthavorn  
Mae Kampong Homestay in Transformation: Place and Policy Analysis
3. Zhangyanxue Zhang  
Research on Display Design of Heritage Museum Based on Augmented Reality Technology
4. Liang-Gui Yu  
Military Dependents' Quarters as "Resilient" Culture? Cases of City Quasi-Museums in Taipei, Taiwan
5. Hansol Park  
A Study on the Place Marketing in DMZ ; Focused on the Official Promotional Materials
6. Ai Liu, Zhou Xiangpin and Jiajia Li  
A Study on the Gardening Characteristics Affected by Literati's Reclusive Attitudes and Aesthetic View in Late Ming Dynasty

#### R3P3 Heritage / Landscape Perception (Room3, 16:10 ~ 17:40, 31st Aug.)

1. Zhiqing Zhao, Qinglian Wang and Bocheng Zhang  
Research on Historic District Capacity Evaluation Based on Environmental Satisfaction
2. Chang Liu and Fuqiang Liu  
Consumer-Involved Development And The Improvement Of The Innovation Process Of The Cultural Industry In China
3. Yoo-Sun Yang and Yong-Hoon Son  
Characteristics of Places Recognition on the Historic Cultural Streets, Focused on the Deoksugung Doldam-Gil
4. Fen Zeng and Zhenjiang Shen  
Affective Appraisal of Streetscape Visual Quality in Historic Districts, Case Study of a Historic District in Southern China
5. Di Hu, Qiao-Chu Gu and Jen Te Pai  
Research on interior design of regional culture theme hotel based on customer perceived value: taking Suzhou as sample source
6. Oh Eun Kwon and Hee Jung Hwang  
A Study on the Restoration of Cultural Landscape through the Memory of Place - Focus on the Residence of Cheongpa-dong, Seoul

#### R3P4 Heritage / Urban Heritage (Room3, 08:40 ~ 10:10, 1st Sept.)

1. Yuki Toyoshima, Mitsuhiko Kawakami and Zhenjiang Shen  
The current situation and issues of the preservation and repair of historical buildings in Japan
2. Susanne Fredholm and Freja Frölander  
The Role of Cultural Heritage in the Ecosystem Services Framework. Examining current



Swedish strategies and implementation

3. Saori Kashihara, Vy Diep Quy Nguyen and Nobuharu Suzuki

Towards Sustainable Urban Heritage Conservation: a Comparative Study between Ho Chi Minh City and Yokohama City and Solutions for Ho Chi Minh City

4. Y. Banon Wismarani and Fabiola Analisa

The Transformation of Space Structure and Façade on Heritage Buildings with Commercial Function, Case study : Kotabaru, Yogyakarta

R3P5 Ecology (Room3, 10:30 ~ 12:00, 1st Sept.)

1. Sandra Acosta and Freddy Diaz

Landscape patterns for the emerging ecotourism in the piedemonte llanero. Monterrey and Lejanias-Mesetas study cases.

2. Xiong Guoping

Study on Ecovillage Planning

3. Ryohei Yamashita and Teppei Kubota

Issues related to the succession of production areas of traditional “Kaga vegetables” : Ideas for policy framing

4. Subhan Ramdlani and Faradilla F Nanda

Applying the Agro-Tourism Concept through Preserving Riverbanks Landscape

5. Respati Wikantiyoso, Diyah Sukanti Cahyaningsih, Aditya Galih Sulaksono, Sri Widayati, Dina Poerwoningsih and Etikawati Triyosoputri

Sustainable Community Based Eco-tourism Development: Grangsil Flower Village Tourism Park, Dampit District, Malang Regency

**Room4**

R4P1 Resilience / Planning for Resilience (Room4, 11:20 ~ 12:50, 31st Aug.)

1. Laksni Sedyowati, Grahita Chandrarin and Ginanjar Indra Kusuma

Enhanced community resilience against stormwater runoff using local wisdom values: a lesson learned from a kampong community in Malang City, Indonesia

2. Defne Dursun, Dogan Dursun and Cansu Güller

Resilience Planning and Urbanization Experience of Bayburt

3. Jianquan Cheng and Min Gao

Considering health risk assessment into urban planning and governance

4. Razqyan Mas Bimatyugra Jati and Adisti Safrilia

Identifying Characteristics of Resilient Urban Communities in Malang City, Indonesia

5. Yawei Chen, Haixing Meng and Aksel Ersoy

Planning and governance for urban resilience in coastal cities: case studies of Shanghai, Rotterdam and Accra

6. Ahmet Burak Kaya, Dogan Dursun and Defne Dursun

Resilience Planning and Urbanization Experience of Trabzon

R4P2 Resilience / Disaster Prevention (Room4, 14:20 ~ 15:50, 31st Aug.)

1. Hieu Nguyen Ngoc, Nam Tran Hoang and Tu Trinh Thanh

Assessing Decentralized Flood Reduction Approach, A Case Study in Suburban Community, Hochiminh City

2. Adisti Safrilia, Razqyan Mas Bimatyugra Jati and Pindo Tutuko

Resilience Residential Planning on Safety-based Urban Housing: Case study on urban housing in Malang City, Indonesia

3. Nabil Menhem and Bin He

Building Economic Resilience: the Roles of Governance Structures and Cultural Diversity in Informing Regional Policy Approaches at Multiple Territorial Scales

4. Jelena Zivanovic Miljkovic

Urban Planning and Urban Resilience in Serbia: The Context of Ecological Risks in the City of Bor

5. Luh Kitty Katherina, Lengga Pradipta and Fadjri Alihar

Community Resilience to Flooding in Urban Kampung Medan

R4P3 Resilience / Disaster Evaluation and Reconstruction (Room4, 16:10 ~ 17:40, 31st Aug.)

1. Kazuhei Sato and Katsunori Furuya

Residents' Accessibility to Location Changes of Life-related Facilities: A Comparison Pre- and Post- Earthquake Disaster in Rikuzentakata City

2. Ryo Nishisaka and Katsunori Furuya

The Area around the Earthquake Ruins in the Miyagi Prefecture: A Study on Population Change and Aging after the 2011 Great East Japan Earthquake.

3. Gregorius Agung Setyonugroho

Identifying Housing Designs For Lombok Post-Earthquake Reconstruction Program 2018-2019 Case Study: North Lombok Regency, West Nusa Tenggara Province, Indonesia

4. Adam Prana, Deirdre Hart, Angela Curl, Rita Dionisio and Christopher Gomez

Supporting Resilient Communities in Jakarta (A Spatial Planning Approach to Living with Floods and disaster adaptation)

5. Yves Boquet

Planning for sustainability and resilience in Metro Manila, Philippines

#### R4P4 Planning / Urban Planning (Room4, 08:40 ~ 10:10, 1st Sept.)

1. Shulin Chen and Noriko Akita

“Rural Complex”: An Attempt To Coordinate The Development Of Urban And Rural Areas In China

2. Herry Santosa, Nur Fauziah and Adrian Widisono

Managing and enhancement of livable urban streetscape through the development of the 3D spatial multimedia system

3. Heru Sufianto

Fire Prevention Strategy for Residential Properties in Urban Area of Indonesia, A Statistical Study

4. Shoko Araki, Kenya Higashijima and Noriko Akita

A study about the institution of farmland re-distribution at the Tokyo metropolitan suburban area

5. Chen Qian and Zhang Qu

Community Revival Strategy based on Jacob's Diversity Theory: A Contrast Reading of Two College Town Communities in Shanghai

6. Feng Xue, Yan Ma and Miaoyi Li

Construction Land Expansion Simulation and Rationality Evaluation in Jiangxi Province

#### R4P5 Planning / Regional and Rural Planning (Room4, 10:30 ~ 12:00, 1st Sept.)

1. Lin Chen and Guandong Su

The Diverse Pathways to Small Cities in Eastern Coastal China: A Case Study of Jian'ou City in Fujian Province

2. Haizhao Hao and Xiaojian Chen

Regional Space Management Method of Mineral Resource-based Cities—A Case Study of Yulin, Shaanxi

3. Jianfa Shen

Migration and sustainable urbanization in China

4. Richa Kandpal and Izuru Saizen

Developing a socio-institutional approach towards peri-urban planning – A step towards Sustainable Development Goals for India

5. Jialing Huang and Shenjing He

Studentification in urban villages: A Case Study of Guimiao village, Shenzhen

#### **Room5**

#### R5P1 Urban Climate / Thermal Comfort 1 (Room5, 11:20 ~ 12:50, 31st Aug.)

1. Satoshi Sakai, Hirofumi Sugawara, Ikusei Misaka, Kenichi Narita and Tsuyoshi Honjo

New landscape in the city: Fractal sunshade

2. Shing-Ru Yang, I-Ting Wu, Tsuyoshi Honjo and Tzu-Ping Lin

Benefits of Different Shading Materials in Adjusting Thermal Comfort in Outdoor Environments

3. Junfang Xie, Mohamed Elsadek and Binyi Liu

Urban trees canopy shading effects on micro-climate and human thermal comfort: A case study in Shanghai

4. Tzu-Ping Lin, Yu-Cheng Chen, Yu-Jie Liao and Tsuyoshi Honjo

Interpretation of the relationship between thermal condition and urban pattern features by a high-density street-level air temperature observation network

5. Yu-Cheng Chen, Tomáš Pospíchal and Tzu-Ping Lin

Evaluating and comparison of the urban thermal condition by Local Climate Zone in Tainan, Taiwan and Prague, Czech Republic

6. Shiho Onomura, Yuma Kikuchi and Makoto Nakayoshi

Suppressing effect of resting time and frequency in air-conditioned rooms on body temperature rise of outdoor pedestrians in hot summer

#### R5P2 Urban Climate / Thermal Comfort 2 (Room5, 14:20 ~ 15:50, 31st Aug.)

1. Kuo-An Hung, Cing Chang and Tzu-Ping Lin

The influence of heat release of air conditioning on thermal environment in urban areas

2. Yuhwan Seo, Tsuyoshi Honjo, Nobumitsu Tsunematsu and Hitoshi Yokoyama

Relation between Land Surface Temperature (LST) and Sky View Factor (SVF) on the Road

3. Wen-Mei Shih and Tzu-Ping Lin

Environmental sustainable strategies in green farming operation

4. Huimin Liu, Qingming Zhan, Yinghui Xiao, Chen Yang and Sihang Gao

Investigating the spatio-temporal patterns and dynamics of urban thermal environment: an integrated framework

5. Dogan Dursun and Merve Yavas

Thermal Comfort Effects of New High-Rise Urban Development Projects on a Cold Climate: The Cases of Şehristan And YeŞil Yakutiye Residences in Erzurum

6. Hirofumi Sugawara, Michinao Kojima, Ikusei Misaka and Ken-Ichi Narita

Mitigation of urban thermal environment by patchy green slope

#### R5P3 Urban Climate / Measurement (Room5, 16:10 ~ 17:40, 31st Aug.)

1. Atik Nurwanda and Tsuyoshi Honjo

Analysis of city expansion of greater Jakarta Megacity using Landsat and Night-time Light Imagery

2. Qingming Zhan, Sihang Gao and Yinghui Xiao

Research on Urban Surface Microclimate Impact Mechanism and Improvement Strategy

#### R5P4 Social Problems 1 (Room5, 08:40 ~ 10:10, 1st Sept.)

1. DwiYanti Kusumaningrum, Tria Anggita Hafsari and Jalu Lintang Yogiswara Anuraga  
Kampung Paseban: Gentrification and Sociocultural Changes in Jakarta

2. Xu Xizi and Akita Noriko

Renewal of urban village in China —Study the pattern for evolving into a modern participatory community

3. Ying Huang and Noriko Akita

How older generation survive in metropolis under aging society - Yanaka, the traditional community in Tokyo

4. Fu Yimin

Garbage classification in China: A literature review

5. Wei Wang, Fangyu Li and Ning Lu

Research on Elderly Oriented Design of Intelligent Healthcare Product Based on the Inclusive Theory

6. Lih-Yau Song, Ching Hsi Chen Tsai, Ying-Yi Hsieh and Kuang-Hui Peng

Discussion on University social responsibility during the urban-developing: Take National Taipei University of Technology (NTUT) as an example

#### R5P5 Social Problems 2 (Room5, 10:30 ~ 12:00, 1st Sept.)

1. Yi-Heng Chen, Min-Ta Chuang and Hsin-Hui Huang

Sustainable development of Taiwanese society: The roles and responsibilities of University

2. Mao Yuying

A literature review on Environmental Education: Concepts and Implementation

3. Yajing Zhang and Zhenjiang Shen

The Construction of Regional Emission Trading System in China's National New Area aim at Maximizing the Regional Industrial Production Efficiency

4. Marcelo Leon

Analysis and perspectives of economic-territorial development in the province of Santa Elena,

Ecuador

5. Indira Dwi Imara, Nurhayati Arifin and Katsunori Furuya

Analyzing a Community's Perspective on the Relationship between Landscape Characteristics and the Importance of Toponym: A Case Study of Kecamatan Gambir, Central Jakarta, Indonesia

## **Room6**

### R6P1 Transportation 1 (Room6, 11:20 ~ 12:50, 31st Aug.)

1. Aline Chevalier, Jiangde Liu and Leiqing Xu

Understanding the barriers to cycling on the way to school: a case study of Shanghai

2. Long Chen and John Felkner

The interaction effects in the relationship between urban form and sustainable transportation

3. Ya Ning Chen, Ko Chiu Wu and Kuang-Hui Peng

Exploring the opportunity on circular economy for the build environment of railway stations

4. Haixiao Pan

Rail Transit Proximity on Commuting Greenhouse Gas Emission

5. Tae-Hyoung Tommy Gim

Partial Least Squares Structural Equation Modeling and Importance-Performance Analysis of the Major Determinants of Happiness

6. Huibo Bi, Zhuo Liu and Yanyan Chen

A Reward Based Mechanism for Vehicle Cooperative Control

### R6P2 Transportation 2 (Room6, 14:20 ~ 15:50, 31st Aug.)

1. Ni Yan and Noriko Akita

Regeneration of public space in urban transport infrastructure: Taking Yunjing East Road, Beijing, China as an example

2. Lingwei Zheng and Yan Li

A review of the literature on the impact and development of bike-sharing systems