

Register **Fri, 1 Nov 2019**

16:00-18:00 Register Room # B501 Lobby, Building # 310, Chung-Ang University
 18:00- Welcome Party AN DONG JANG (105-1, Heukseok-ro, Dongjak-gu, Seoul)

Room #B510, Building #310, Chung-Ang University **Sat, 2 Nov 2019****Opening** **Moderator: Prof. Woonyong Lee**

09:30-10:00 Register
 10:00-11:10 Opening Address Ohgai Akira (Head of AURG)
 Welcome Speech Prof. Lee Jung Hyung (Chung-Ang University)
 Congratulatory Speech Dr. Kim Chang Soo (President, Chung-Ang University)
 Keynote Speech (1) Prof. Ryu Joong seok (Vice President of Chung-Ang University)
 Keynote Speech (2) Prof. Lee, Kyung Hoon (Dean, School of Architecture, Kookmin University)
 11:10-11:20 Group photograph Group photograph

11:20-13:00 **Lunch (By yourself)****Room 1, Building #310, Chung-Ang University** **Sat, 2 Nov 2019****Session 1: Urban Renewal** **Chairman: Prof. Takeru Sakai**

13:00-13:20 NO.01 Discussion on the Selection of Update Mode and Optimization Strategy of City Renovation Based on Cost Analysis
Long Ma, Dachang Yuan
 13:20-13:40 NO.02 The Relation Between Urban Regeneration Policy and Population Recovery in Manchester
Aya Hagihara , Shinji Ikaruga, Takeshi Kobayashi, Junhwan Song and Rei Shiraishi
 13:40-14:00 NO.03 General Old Community Renewal and Reconstruction Strategies in Stock Context-Take Xigu Area of Tianjin as an Example-
Qian Kuo , Liang Weinan and Qu Ming
 14:00-14:20 NO.04 Urbanization and Historical Background of Urban Regeneration Process in Colombo Municipal Council Area, Sri Lanka.
Abeyrathne Chalitha Supun, Bea Woongkyoo
 14:20-14:40 NO.05 The Application of Participatory Mapping to Support Boundary Conflict Solving in Indonesia -Study Case : Rambah Sub Districts, Riau Province, Indonesia-
Idham Nugraha, Mardianto Manan, Puji Astuti, Arie Apriadi

14:40-15:00 **Coffee Break****Session 2: Urban Regeneration** **Chairman: Prof. Takeshi Kobayashi**

15:00-15:20 NO.06 Regularization of Informal Settlements in Mumbai: Evaluating Policy Outcomes and Community Participation
Jia Yen Lim, Haruka Ono
 15:20-15:40 NO.07 Developing and Implementing System of Landscape Plans in Japanese Local Government Areas
Suelki Kim, Takeru Sakai, Prasana Divigalpitaya, Chengkang Wang and Yifan Zhu
 15:40-16:00 NO.08 Community Regeneration: The Role of Co-operative Housing in the Urban Regeneration Process of the Historic Centre of San Salvador
Cristian Figueroa , Woongkyoo Bae
 16:00-16:20 NO.09 Study on Issues of Reorganizing Station Area from the View of Users in Local City -Focused on Areas round Ube-Shinkawa Station, Ube City-
Eriko Goh , Michio Okamatsu , Junhwan Song and Hitomi Murakami
 16:20-16:40 NO.10 Change of Land Use Around Shinkansen Stations After Development
Satoya Kaneluji, Shichen Zhao and Siting Chen

Room 1, Building #310, Chung-Ang University **Sun, 3 Nov 2019****Session 3: Urban Development** **Chairman: Prof. Ihsan**

09:00-09:20 NO.11 The Development Tendency of Shinkansen Station Areas under the Depopulation Background
Siting Chen, Shichen Zhao and Sheng Dang
 09:20-09:40 NO.12 A Study on the Management and Operation of Transit-mall for Downtown Revitalization : Focused on Transit-Mall in Jungang-ro, Daegu
Seung-Hui Lee, Jung-Hyung Lee, Woon-Yong Lee
 09:40-10:00 NO.13 Historical Urban Planning of Colonial Towns in Southeast Asia
Ariel Panadero, Junichiro Asano
 10:00-10:20 NO.14 The Significance of Xishu Garden to Construction of Park City -The Case of Du Fu Thatched Cottage-
Jing Xie, Xueqian Zhou, Shixian Luo and Daijiang Sun
 12:00-13:00 **Coffee Break**

Session 4: Urban Heritage (1) **Chairman: Prof. Yichen Liu**

10:40-11:00 NO.15 Study on the Rise and Fall Factors of Urban Agglomerations along the Grand Canal from the Perspective of Urban Multidimensionality: A Case Study of Shandong Section
Kangying Xu
 11:00-11:20 NO.16 The Use of Settlement Name as Label of Era in the Study of the Local Urban-Rural Space Change of Taiyuan Basin, China
Sheng Dang, Shichen Zhao
 11:20-11:40 NO.17 Analysis of the Impact of Ancient City Walls on Urban Landscape Patterns by Remote Sensing
Yifan Zhu , Chengkang Wang and Takeru Sakai
 11:40-12:00 NO.18 Research of Exhibition-participation Behavior Based on ULTRA-WIDEBAND Positioning System
Chunyang Li ,Zao Li ,Hongting Shen and Maoshen Ye

12:00-13:00 **Lunch (By yourself)****Session 5: Urban Heritage (2)** **Chairman: Prof. Junichiro Asano**

13:00-13:20 NO.19 A Study on the Current State of Modern Architecture and the Actual State of Space Transformation in China -Case Study of Former Japanese Concession in Tianjin-
Yichen Liu
 13:20-13:40 NO.20 Toolkits for Application of Historic Urban Landscape Approach in Yogyakarta City
Danang Yulisaksono, Ikaputra and Laretna Trisnantari Adishakti
 13:40-14:00 NO.21 The Visibility Evaluation of Historic Urban Landmark Using 3D Isovist and Sequential Scene Analysis
Herry Santosa, M. Satya Adhitama, Tito Haripradianto, and Adrian Widisono
 14:00-14:20 NO.22 Study on the Relevance Between the Characteristics of the Tourist Action and the Spatial Environment in Traditional Villages of Huizhou -Taking Pingshan Village in Yi County as an Example-
Xiang Gao , Zao Li, Shichen Zhao
 14:20-14:40 NO.23 Business Analysis and Spatial Organization Optimization Strategy Research of Suzhou Pingjiang Road Historical Block Based on Big Data Analysis
Hanyu Xiao, Dachang Yuan

14:40-15:00 **Coffee Break****Session 6: Urban Theory** **Chairman: Prof. Junhwan Song**

15:00-15:20 NO.24 Comparative Study on the External Space Perception of Traditional and Modern Commercial Districts Using Electroencephalography (EEG) Analysis
Xia Sun, Zao Li , Weiyei Cui, Xiang Gao
 15:20-15:40 NO.25 Proposed Design Guideline Based on the Urban Density of a Compact City -A Case Study of Portland City, Oregon-
Reiko Sugihara, Shinji Ikaruga, Takeshi Kobayashi, Junhwan Song, Tom Armstrong, Nick Kobel, Tyler Bump
 15:40-16:00 NO.26 Theoretical Study on Adaptability of "Vertical Forest City" in China from the Perspective of Sustainable Development
Zheng Hong
 16:00-16:20 NO.27 From City Image to City Brand: Literature Review
Andi Muhammad Yasser Hakim, Slamet Trisutomo, Ihsan and Sumbangan Baja
 16:20-16:40 NO.28 Land Value City of Makassar Based on Rent-Bid Curve
Ihsan, Desi Tri Anita Sari, Abdul Rachman Rasyid

Room 2, Building #310, Chung-Ang University **Sat, 2 Nov 2019****Session 7: Urban Analysis (1)** **Chairman: Prof. Xiaoyan Mi**

13:00-13:20 NO.29 Towards Ubiquitous Spatial Planning Through Text Mining, Bigdata and Geovisualization: The Prototype New Planning Model in Malang City , INDONESIA
Adipandang Yudono, Achmad Istamar and Aris Subagiyo
 13:20-13:40 NO.30 A Study on the Discovery of Issues to Derive Signals of Future Changes -Using Trend Analysis of Big Data -
Yae Jin Jung, Hyojin Baek, Youn Taik Leem, Sang Ho Lee
 13:40-14:00 NO.31 A Study on the Relationship with Regional Image and Place Characteristics in the Central Built-up Area
Kojiro Watanabe and Suguru Tsujioaka

14:00-14:20 NO.32 A Study on Effective Utilization Evaluation of Greenery for River Landscape-using Semantic Segmentation Method for Extracting Landscape Elements-
Rui Jiang, Takahito Yasuno, Daisaku Nishina, Masazumi Amakata, Tatsuya Sugimoto, Kyohai Kaneko
 14:20-14:40 NO.33 Satisfaction Analysis of Urban Blocks Based on Big Data -A Case Study of HePing District in Tianjin
Junnan Gao, Dachang Yuan, Nuo Dong, Xin Chang

14:40-15:00 **Coffee Break****Session 8: Urban Analysis (2)** **Chairman: Prof. Kojiro Watanabe**

15:00-15:20 NO.34 Research on the Recognition and Generation Mechanism of Urban Hotspot with SNS Data
Yujie Ren and Shichen Zhao
 15:20-15:40 NO.35 Research on the Vitality of Waterfront Space in the Ancient City of Suzhou based on the Analytic Hierarchy Process
Xiaoyan Mi, Yingxiang Niu, Hongji Li, Fusong Wei
 15:40-16:00 NO.36 Application of Urban Multi-source Spatiotemporal Data Fusion Analysis in Urban Planning and Urban Design
Lei Deng, Xiaosu Ma, Takeru Sakai and Prasana Divigalpitaya
 16:00-16:20 NO.37 Introduction of ICT System to Festival Space and Its Effect through Demonstration Experiments at Toyohashi Oni Matsuri
Naoki Nakagawa, Kazuhiro Takano , Kanta Maegawa, Takaharu Yamashita , Akihiro Mizutani, Ren Ohmura and Hiroshi Kimura
 16:20-16:40 NO.38 An Analysis of Visitors' Cafe Preferences Using Flickr Geotagged Photographs -The Case of the Kiyosumi-Shirakawa Area in Tokyo, Japan-
Mengying Gao, Kyunghun Min, Jiaying Shi, and Katsunori Furuya

Room 2, Building #310, Chung-Ang University **Sun, 3 Nov 2019****Session 9: Urban Analysis (3)** **Chairman: Prof. Kazuki Karashima**

09:00-09:20 NO.39 Development of IT in Urban Planning in North Korea: from the Articles on <Chosun Architecture>
Yountaik Leem
 09:20-09:40 NO.40 Determination of Ecological Habitat Location for Bajo Tribal Marine Settlement, in Bone Bay, South Sulawesi, Indonesia
Syahriana Syam, Ananto Yudono, Ria Wikantari, Afifah Harisah, Herdy Pratama Putra
 09:40-10:00 NO.41 Statistical Model Analyses of Traffic Accidents Involving Elementary Students at Intersections Considering Exposure Factors
Halimatusaadiah Sahdan, Kojiro Matsuo and Nao Sugiki
 10:00-10:20 NO.42 Evaluation of Location Optimization Plan by Portland Compact City Model
Yukino Yoshida, Shinji Ikaruga, Takeshi Kobayashi, Junhwan Song and Shichen Zhao

10:20-10:40 **Coffee Break****Session 10: Supporting System** **Chairman: Prof. Adipandang Yudono**

10:40-11:00 NO.43 A Method for Exploring Community Disaster Management Plan Using a Tool to Evaluate the Ability of Mutual Assistance
Kazuki Karashima and Akira Ohgai
 11:00-11:20 NO.44 Development of Urban Micro-Simulation Model Using Open-Data
Shogo Nagao, Nao Sugiki and Kojiro Matsuo
 11:20-11:40 NO.45 Examination of the Future Urban Structure Considering Population Trend and Person Trip -A Case Study of Toyota City-
Shirou Tsuboi , Shinji Ikaruga and Takeshi Kobayashi
 11:40-12:00 NO.46 Study on the Concentration Urban Structure Based on Wide Area Collaboration Using Expert System
Shinya Miyazaki, Shinji Ikaruga and Takeshi Kobayashi

12:00-13:00 **Lunch (By yourself)****Session 11: Urban Environment** **Chairman: Prof. Ananto Yudono**

13:00-13:20 NO.47 Study on the Impact of Landscape Elements Allocation on Outdoor Thermal Environment in Lhasa Residential Area in Winter
Lixing Chen and Yingzi Zhang
 13:20-13:40 NO.48 Study on Microclimate Measurement of Enclosure Space in Lhasa Block
Shuling Xiao and Yingzi Zhang
 13:40-14:00 NO.49 Energy-driven Urban Design Based on Urban Energy Simulation
Yanxia Li, Chao Wang, Sijie Zhu, Junyan Yang, and Xing Shi
 14:00-14:20 NO.50 A Residential Building Classification Method Based on Energy Consumption
Lu Wang and Xing Shi

14:20-14:40 Coffee Break

Session 12: Urban Transformation Chairman: Prof. Yingzi Zhang

- 14:40-15:00 NO.51 The Change of Industrial and Traffic Characteristics of The Peninsulas in Japan
Yiran Hao, Takeru Sakai, Prasanna Divigalpitaya and Dongki Hong
- 15:00-15:20 NO.52 The Characteristic of Formation at a Village Based on Livelihood and Climate -Case Study on the Isolated Island Himeshima in Oita, Japan-
Nanami Hamada, Yuka Himeno, and Ayano Sashikata
- 15:20-15:40 NO.53 Development of the Campus and Ambient Surroundings during University Relocation
Won Yong Jeong, Takeru Sakai, Divigalpitaya Prasanna and Dongki Hong
- 15:40-16:00 NO.54 Vicissitude of Urban Underground Shopping Street and Its Influence on the Vicinity
Youlu Che and Shichen Zhao

Room3, Building #310, Chung-Ang University Sat, 2 Nov 2019

Session 13: Planning & Management Chairman: Prof. Sachiko Mishima

- 13:00-13:20 NO.55 Incentives And Disincentives Mechanism At The Down Town City of Makassar
Muhammad Ainun Fikri, Ananto Yudono, Fathur Rahim, and Abdul Rahman Rasyid
- 13:20-13:40 NO.56 Architectural and Urban Design Workshop as Formal Educational and Collaborative Platform – ASEAN Dual-City Joint Workshop 2017-20
Katsushi Goto, Sophanna Kim, Nam Phan Lam Nhat, Hiroyuki Sasaki, Tomoaki Tanaka, and Masami Kobayashi
- 13:40-14:00 NO.57 Analysis of Existing Models of Domestic Tourism-Through Train
Lv Zhaowen, Liang Weinan and Qian Kuo
- 14:00-14:20 NO.58 Research on the Fine Management of "Urban Village" under the Background of Smart City
Weinan Liang, Qu Ming, and Qian Kuo
- 14:20-14:40 NO.59 Optimization Strategy of Social Community Reinforcement by Growth Pole and Endogeneous Development Concept to Overcome Regional Disparities in Siak Regency
Ade Wahyudi, Puji Astuti

14:40-15:00 Coffee Break

Session 14: Community & Livelihood Chairman: Prof. Yuka Himeno

- 15:00-15:20 NO.60 Analysis of Neighborhood Character and Its Vulnerability to Projected Development
Masami Kobayashi, Theodore Kofman, Hiro Sasaki
- 15:20-15:40 NO.61 Spatial Characteristics and Pedestrian Activities in a Fine-grained, Mixed-use Neighborhood in Tokyo: A Case Study of Onden, Shibuya
Hiroyuki Sasaki, Masami Kobayashi, and Asuka Mogi
- 15:40-16:00 NO.62 Unlocking Opportunities Investments in Risky and Poor Urban Neighborhoods in Kinshasa: Competitive Neighborhood Livelihood Vulnerability Index for an Effective Urban Resilience Planning at East Kisenso Neighborhoods
Chrioni Tshiswaka-Tshilumba, and Woongkoo Bae
- 16:00-16:20 NO.63 Verify the Influence of Age and Gender on the Effect of Virtual Window System - Relation between Virtual Window System and Brightness of the Wall Preferred-
Shota Murano, Mitsunori Miki, Wataru Bando and Minoru Ito
- 16:20-16:40 NO.64 Carrying out Residual Space in Marginal Waterfront Settlement
Diana Ayudya, Mona Anggiani and Bambang Heryanto

Room 3, Building #310, Chung-Ang University Sun, 3 Nov 2019

Session 15: Public Space (1) Chairman: Prof. Prasanna Divigalpitaya

- 09:00-09:20 NO.65 Women's Roles and Participation in Slums Housing: The Case of Dharavi, Mumbai, India
Hiroko Mitsui, Jia Yen Lim, Haruka Ono
- 09:20-09:40 NO.66 Study on the First Wave of People's Plan Projects in Metro Manila, Philippines
Rei Shiraiishi, Melissa Quetullo Navarra and Kenichi Tanoue
- 09:40-10:00 NO.67 A Study on the Planning and Construction of Urban Fitness Space in Chinese Jiangnan Water Town Based on Public Health Promotion: A Case Study of Suzhou City
Xiaofang Wei, Junfeng Jiao and Ting Sun
- 10:00-10:20 NO.68 Informal Space Analysis and Optimization Research in Old Communities
Siyao Chen

14:20-14:40 Coffee Break

Session 16: Public Space (2) Chairman: Prof. Prasanna Divigalpitaya

- 10:40-11:00 NO.69 Changes in the Psychological Health of the Elderly after Walking between Urban Park and Street in Winter and Spring in Matsudo City
Qiongying Xiang, Prita Indah Pratiwi and Katsunori Furuya
- 11:00-11:20 NO.70 Optimization of Urban Street Space Design from the Perspective of Public Health
Ting Sun, Junfeng Jiao, Yalan Fang and Xiaofang Wei
- 11:20-11:40 NO.71 Research on Urban Blind Road Design Based on the Use Needs of the Visually Impaired-Take Shijingshan District of Beijing as an Example-
Wentao Ma, Weinan Liang and Qu Ming
- 11:40-12:00 NO.72 Ramification of Urban Park on Millennials' Physical Activities
Levana Salsabila, Haryo Winarso and Bagas Dwipantara Putra

12:00-13:00 Lunch (By yourself)

Session 17: Healthy City Chairman: Prof. Yountaik Leem

- 13:00-13:20 NO.73 Study on the Impact Mechanism of Urban Parks on Residents' Mental Health Effect-Taking the Urban Parks in Chaoyang District of Beijing as An Example-
Bonan Fang, Shufen Wang and Cheryu Wang
- 13:20-13:40 NO.74 Evaluation of Visual Connectivity between Buildings and a River-Case of the Lower Reaches of Nakagawa River, Fukuoka City-
Daichi Yogo and Takefumi Kurose
- 13:40-14:00 NO.75 Relationship Between Municipality Structures and Supply of Welfare and Medical Facilities for the Elderly in the Islands of the Seto Inland Sea
Sachiko Mishima, Yasuyuki Okaki, Tomohisa Hosoda and Mahito Nakazono
- NO.76 Study on Spatial Characteristics of Healthy Cities and Their Facilities for Health Promotion
Shinri Matsuo, Shinji Ikaruga, Takeshi Kobayashi
- 14:00-14:20 NO.77 Research on the Correlation between General Hospital Outdoor Space and User Behavior -Take First Affiliated Hospital of Anhui Medical University as an Example-
Weiyi Cui, Zao Li and Qingtao Li

14:40-15:00 Coffee Break

Session 18: Development Strategies Chairman: Prof. Takefumi Kurose

- 15:00-15:20 NO.78 The Analysis of Medical Efficiency of The Medical Mall and The Optimal Location
Go Higuchi, Feifan Xu, Shichen Zhao, and Yong He
- 15:20-15:40 NO.79 Study of Energy Resource Development Priorities in Siak Regency, Riau Province, Indonesia
Muhammad Ariyon, Febby Asteriani and Ryanda Prima
- 15:40-16:00 NO.80 Study on Sustainability of Suburb-type Farm Stay: A Case Study of the Initiative of Yokosuka West Coast Area
Tomoko Ohba, Mahito Nakazono
- 16:00-16:20 NO.81 Planning Process and Size of Public Utility Facilities in the Dispersed Villages of Mountainous Areas: A Case Study of Okuizumo Town, Shimane Prefecture
Tomohisa Hosoda, Noriyuki Mori, Sachiko Mishima, Mahito Nakazono and Akira Ushijima
- 16:20-16:40 NO.82 A Study on Transition and Effective Use of Farmland in Urbanization Promotion Area in Area Divided Cities
Hayato Fukui, Shinji Ikaruga and Takeshi Kobayashi

16:40-17:00 Break

Sun, 3th November 2019
17:00-18:30 Conference Room
Special Section: Introduction of Enterprise Projects
19:00-20:30
Building #102, 11th Floor University Club
Farewell Party

Mon, 4th November 2019, Field Tour
09:30-11:30
1st Lobby of Seoul City Hall
Excursion Site: JUNG DONG AREA

THE 12th INTERNATIONAL SYMPOSIUM ON CITY PLANNING AND ENVIRONMENTAL MANAGEMENT IN ASIAN COUNTRIES (AURG 2019)

2019
Nov. 1-4
Seoul
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Chung-Ang University

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