

## 2024 ICAPPS Poster Session

Setting : Friday, August 23 12:00-13:00 / Q&A : Friday, August 23 14:40-15:00  
Engineering Hall4, Lobby

No.	Paper Title	Author
186	THE IMPACT OF PERMEABLE ROW HIGH-RISE BUILDINGS ON POLLUTION DIFFUSION IN URBAN STREET CANYONS	Fu-Yu Lin Ying-Ming Su
187	Can natural disaster monuments reflect hazard maps?	Jun Sakamoto
188	A study on Residence Regeneration using three-dimensional & safe walking children's park planning	Ayeun Lee DongLin Yuan Jeewook Hwang
189	Study on Estimation of Runoff Reduction Rate based on Rainfall Estimation Using SPDE - Focused on the Asakawa Watershed in the Western Part of Tokyo	Kazutoshi Kawaguchi, Toshio Kobayashi, Sadatsugu Nishiura, Kazumasa Fujimura
190	Exploring the potential association between the walking environment and shop hopping behavior: A case study in Jiyugaoka, Tokyo	renin yang Hozumi Kikuchi Chie Koga Hiroki Nakajima Hideki Koizumi
191	Optimizing Bicycle Lane Networks for Improved Cyclist Travel and Comfort in the Presence of Vehicle Traffic: A Case Study in Pasig City	Justine Brylle Pajarin, Kiyoshi Takami, Giancarlo Parady
192	Analysis of Traffic Volume and Population Behavior Changes Attributed to Public Transportation Development	Sangjin Park Jae Seung Lee
193	Impact of Using Information Technology on Efficiency of Urban Management - A Case Study in Bangkok	Chatchanai Akkawattanakul, Mihoko Matsuyuki
194	A Qualitative Meta-Synthesis Study of Compact Urban Design on Active Living Across the Lifespan	Eunbyeol Cho Chaerim Lee Dong Ha Kim Seunghyun Yoo
195	Advancing Policy-making for Location Normalization Plans with a Focus on Decarbonization: Current Situation and Challenges in Japan	SATO Chie, KATO Hirokazu, XU Feifan
196	Exploring Urban Vitality through a Temporal Perspective	Yeoryung Seo Saehoon Kim
197	System for Free or Low-cost Transfer of Vacant Houses That Are Difficult to Market	Hiroki Ogawa
198	Developing decline diagnostic indicators through grid-based analysis in jeju island	Soyoung Yoon Haeryung Lee Jihun Mun
199	An Approach to Actual Situation and Issues of Urban Function Induction Areas Through Comparison Between Local Cities	Mitsuhiro Saito
200	Evaluating Walkability for Multi-Modal Hubs with Integrated Vertical Connectivity in Indoor and Outdoor Environments	Serin Min Minje Choi Seungjae Lee
201	Opinions on the Operation of Mega-Scale Solar Power Generation Facilities in Vietnam by Local Residents Living Near the Facilities	Yuya Sato, Hoang Bao Ngoc

202	Restorative environments in Taiwan and the effects of place attachment, anxiety, and Restorative perceptions before and after the COVID-19 pandemic	Chien-Wen Lo , Lin, Yi-An
203	Basic Research on the Activeness of Resort Behavior: Comparing Ocean and Mountain Resort Areas in Japan and Overseas	Takaki Nishiyama, Yuri Sato, Eiji Makabe, Koichi Amano

# 2024 ICAPPS SESSION PLAN (FINAL. 8.08)

## SESSION A (0900-1040)

### [A01] Regional and Urban Planning (1)

#### Jungwon Sonn

1	1	The Changes of Commercial Areas in Declining Cities in South Korea	Sri Utami Purwaningati Jeongseob Kim
2	2	An Analysis of the Factors Influencing Theft in Commercial Districts	Ju, Da-jeong Cho, Gi-hyug
3	3	Optimal Tourist Accessibility Zones: Harmonizing locals community and tourists in Nha Tran	Hai Hoang, Tam Pham, Tu Anh Trinh, Rafael Martinez
4	4	Enhancing Adoption of Walkable Oriented Development to BRT Stations in Dar es Salaam C	Mworia John Joseph, Naohiro Kitano, Akinori Morimoto
5	5	Exploring a Framework for Identifying Difficulties Faced by Small and Medium-Sized Enterpr	Li-Ting Huang Yung-Chi Yen

### [A02] Landuse/Real Estate (1)

#### Jae Seung Lee

6	46	The Impact of Green Infrastructure Inequality on Quality of Life A Comparative Analysis of C	Kitae Park Jeongwoo Lee
7	47	Analysis of Rental Housing Cost and Its Change among the Districts of Leipzig, Germany	Keiro Hattori
8	48	Development of Health Infrastructure Accessibility index based on Big Data	Yesong Shin Jeongwoo Lee
9	49	Differences in the impact of Light Rail-Transit system on urban housing prices under differer	Gwang-You Hsieh Yen-Jong Chen
10	50	Optimizing Public Housing Redevelopment Priorities with Unsupervised Machine Learning: A	Kouya Inada, Ken Miura

### [A03] Urban Policy/Regeneration (1)

#### Mihoko Matsuyuki

11	66	Research on disparities in open space conservation during urban regeneration: A case stud	Lin Jing-Shiuan , Cheng Hsien-Hsin
12	68	Does housing price inequality affect young adults' happiness and the expectation of social n	Jaewon Seo Jangik Jin
13	69	The Impact of Urban Renewal on Nearby Housing Prices: A Propensity Score Matching Anal	Jing-Yi Li Hao-Teng Cheng
14	70	An Analysis of the Impact of Public Development Policies on the Risk of Urban and Surround	Myoung Joon Oh Hyungun Sung

### [A04] Urban Design and Landscape (1)

#### Ping-Li CHEN

15	91	Ordering Methods and Urban Design Strategies for Consultancy Services to Realize High-Q	Shoya Iwatsuki, Wang Yongcheng, Yoshiaki Kubota
16	92	Exploring the Catalytic Role of Third Spaces in Constructing Female-Friendly Leisure Space	Chia-Nung Li Tzu-Han Wei
17	93	Research on the Operation and System of the Design Competition in Urban Design Manage	NAKAE Yuki, WANG Yongcheng, KUBOTA Yoshiaki
18	94	Exploring Accessibility on Urban Scenic Viewpoints: A Case Study of Han River Parks in Seo	In Jung Ji-Won Chae
19	95	Study on Spatial Characteristics and Impression Evaluation of Outdoor Dining Space in Sha	Natsumi MAEDA, Naoko KURIYAMA

**[A05] Regional and Urban Planning (2)****Naomi Uchida**

20	6	Regeneration of Historic buildings in Houpu Old Town in Kinmen - Focused on the partnership	Mei-yin Lin
21	7	Does Residential Gentrification Resulted from the Redevelopment and Reconstruction Project?	Suhyeon Kwon Hyungun Sung
22	8	Community Revitalization Method Integrating the Real-World Shopping Streets with the Metropolitan	Tetsuya Kaneko, Motoyo Koga, Satoshi Fujimoto, Emanuel Leleito, Hironori Kiyoshima, Takatumi Arima, Nijiko Otsuka, Takumi Fujiwara
23	9	Empirical Analysis of Green Gentrification A Case Study of the Yeonnam-dong Section of the Gyeongui Line Forest Park	Nam, Soo-Hyun Lee, Hee-Chung
24	10	The actual usage and intentions of citizens towards the renovation of the station square in city	Yu Fukumoto, Tomoki Takada

**[A06] Landuse/Real Estate (2)****Norihisa Shima**

25	51	To reveal or not to reveal? The possible impacts of contaminated sites on real estate price	Tzu Hsuan Liu Tzu Yuan Chao
26	52	Impact of Reconstruction Project Migration on Nearby Rental Prices	Gyu Seomun Hyunseung Lee
27	53	TOWN AGE Index: Innovating a Metric for Housing Estates Deterioration	Yoshimura Yuki, Kato Hirokazu, Xu Feifan
28	54	Impact of Jeonse Deposit Return Guarantee on Jeonse Price Rates :A Focus on Seoul's Row and Multiplex Housing Market	Hyuk Kwon Hyungun Sung
29	55	A Study on the Planning and the Land Use Changes in Surrounding Areas During Large-Scale	Shuyang Li, Yuri TAKAGI, Koichi KANA

**[A07] Urban Policy/Regeneration (2)****Jung-Ying CHANG**

30	71	Post-COVID-19 User Trends at Neighborhood Center in Senboku New Town, Osaka, Japan	Emiko ITAMI, Tomone MIYAMURA, Miyu ONISHI, Yuki MIKADA, Takashi AOKI, Takashi YOKOTA
31	72	Spatio-temporal analysis to Reveal the Relationship between Spatial Characteristics and Pedestrian Volume in Small-sized Overtourism Site	Chulwoong Park Wonjun No
32	73	Development of Household-based Future Demographics	Takahiro YOSHIMI, Yuki AKIYAMA
33	74	Transition in urban spatial structures: Examining the impact of the traditional market redevelopment projects in Seoul	Gwak, Seonah Lee, Jaesung
34	75	Estimation of Future Vacancy Rates Throughout Japan Using Government Statistics	Kotaro Mizutani, Yuki Akiyama, Hiroki Baba

**[A08] Environment and Diaster Management (1)****Jaemin Song**

35	141	Disaster Risk Reduction (DRR) Through Community-Based Approaches in Historic Cities: A Case	Akira Takahashi, Anri Makino
36	142	Climate Challenges in Taiwan's Urban Hubs: A Tale of Resilience and Vulnerability	Tzuyuan Stessa Chao, Yuhsuan Lin, Tungho Chan
37	143	Examining the Effectiveness of Community Collaboration for Mitigation of Damage and Recovery	Yeon-Woo Choi Dong Keun Yoon
38	144	A Study on the Importance of Community Management and the Role of Experts in Disaster Preparedness	Anri Makino, Akira Takahashi
39	145	Simulation of Wind Environment Disaster Improvement in School Spaces: The Case of the School	Wu pei ting lin yu sen

**[A09] Regional and Urban Planning (3)****Tzu-Yuan CHAO**

40	11	What is the New Neighbor Connectivity of Suburbanites with Villages around? The Possibility	Takashi AOKI, Mina KOJIMA, Kazunori HAYASHI, Shoya YAMAMOTO
41	12	How does Urban Economic Growth affect the Livability of Cities? A study of 207 Districts in South Korea (2010-2019)	Piao, Xiuyuan Kim, Saehoon Lee, Jae Seung
42	13	Urban-Rural Production Linkage: A Case Study of Greening and Beautification Governance	Yu-Ting Chong, Li-Pei Peng
43	14	Economic Prosperity Characteristics in Depopulated Cities: A Comparative Analysis with Complementary Economic Growth,	Young Eun Kim Saehoon Kim
44	15	Mitigation of orAdaptation to Population Decline? : A Study of Promotion to Out-of-Municipal	Tadashi Nishimura, Fumihiko Seta

**[A10] Transportation (1)****Jinhee Kim**

45	121	Research on Identification of Usage Patterns of New LRT Lines Using IC Card Data	Hidetora Tomioka, Naohiro Kitano, Akinoroi Morimoto
46	122	The effects of speed limits, parked cars, and crosswalk design on crossing patterns in simulated environments	Chae-seung Lee Hyunseong Yun
47	123	Road Space Realignment for the LRT and Pedestrian Utilizing Micro Traffic Simulation: A Case Study	Akira Motokawa, Naohiro Kitano, Akinori Morimoto
48	124	Can TOD facilitate a healthy urban environment? A case study of Taichung City metro development	Yu-Chun Huang , Tzu-Yuan Chao
49	125	Evaluation of Flooding and Landslide Risk of Transport Networks in Japan Considering Climate Change	HAYASHI Ryuya, XU Feifan, KATO Hirokazu, MATSUMOTO Kazushi

**[A11] Urban Design and Landscape (2)****Young Sang Kwon**

50	96	A Publicly-Involved Approach to Enhancing Street Walkability: A Case Study of Takadanobaba Station Area	Hailun Xiang, Naohiro Kitano, Akinori Morimoto
51	97	What Directions Do People Prefer When Taking Photos in the City? : theory vs reality	Ji-Won Chae In Jung
52	98	The Influence of Small Urban Green Spaces on Landscape Restorative Experience and Psychological Well-being	Zongyang Chen, Chika Takatori
53	99	Analysis of Legislation for Improving Accessibility on Sidewalks in Taiwan	Chih-Yuan Chang
54	100	Walkability evaluation of three wards and three cities of Tokyo during the pandemic of COVID-19	Tomohiro Ichinose, Keiko Sasaki

**[A12] Environment and Disaster Management (2)****Ying-Chen LIN**

55	146	Will Green Infrastructure Be the Driving Force to Green Gentrification in Climate-Vulnerable Urban Areas?	Yu-Ju, Fu Shiao-Yun Lu
56	147	Heatwaves at Work: Changes in the Spatial Distribution of Heatwave-exposed Workers in Korea	Sangyun Jeong Hanna Kang
57	148	Nationwide Analysis of Innovation Creation Sites and Flood Inundation Risk Using Japan's Past Experience	Kuniaki Hamada, Tetsuharu Oba, Junichi Susaki, Yoshie Ishii
58	149	Too Hot for Older Urban Dwellers? Assessing the Heat Risks of the Elderly in Taipei City Under Climate Change	Hong-Jun Lin Tzu-Yuan Chao
59	150	Analysis of the effect on ecosystem services by land use change and management of farmland in the Yangtze River Delta	Syu Tajika, Tomohiro Kinoshita, Taira Ozaki

**[A13] Transportation (2)****Jen-Te PAI**

60	126	Validating mobility survey responses: Comparing PM user surveys to actual ride performance data	Youngkook Kim
61	127	Augmented Reality Navigation System to Support Mobility of People with Visual Impairment	Fujiwara Takumi, Motoya Koga, Satoshi Fujimoto, Emanuel Leleito, Tetsuya Kaneko, Nijihiko Otsuka
62	128	A study on the supply status and influencing factors of shared e-scooter parking spaces in Seoul	Moon, Seol Ah Eun Jin Shin
63	129	Applying Space Syntax to Examine the Evolution of Urban Transportation Networks: A Case Study of Taipei	Shang-Fu Huang Kuang-Ting Huang
64	130	Smart Mobility Index for the Cities in Metropolitan Manila	Jemima Ann Ado, Naohiro Kitano, Akinori Morimoto

# 2024 ICAPPS SESSION PLAN (FINAL. 8.08)

## SESSION B (1300-1440)

### [B01] Regional and Urban Planning (4)

### Ayung Woo

65	16	Regional Disparities and Influencing Factors in Accessibility to Children's Playgrounds in Seoul	Lee Seyoung Go Seungwook
66	17	Identifying Factors Influencing Community Activity Participation of Older Adults Through the Entropy Weight Method	Wen-Shan Wang, Ching-Hua Lin, Yu-Yu Lin, Li-Pei Peng
67	18	Assessing Educational Equity Based on School Attendance Areas: Utilizing the Inverted Two	Jiho Kim Kyunghwan Kwon
68	19	Open Space Preference for Solo Activities Related to Youth Loneliness and Social-Isolation:	Yuanhao ZHANG, Takashi YOKOTA, Emiko ITAMI, Takashi AOKI
69	20	Balancing Offshore Wind Power Development and Fishery Community Well-being in Taiwan	WenHsiang Liu Jen-Te Pai

### [B02] Landuse/Real Estate (3)

### Yung-Chi YEN

70	56	The Characteristics of Rebuilt Condominiums in Tokyo	Kawahara Nobuo
71	57	Does Airbnb raise local rent in Seoul? Spatial 2SLS model approach	Meilan He Jangik Jin
72	58	Analyzing the Public Spaces of Social Housing in Taipei Using Space Syntax	Cai-Ling Wu Kuang-Ting Huang
73	59	Analysis of business schemes for the conversion of vacant buildings in Japanese regional cities	Ryo ITO, Yongcheng WANG, Yoshiaki KUBOTA
74	60	Provision of Land for Public rental housing in Taiwan: A Path Dependency Theory Perspective	Yu-Chen Lin, Liling Huang

### [B03] Environment and Disaster Management (3)

### Chungho Kim

75	151	Urban Morphology in the Field of Disaster Risk Reduction: A Systematic Literature Review	Qinglong AN, Chiho OCHIAI
76	152	Influence of Urban Morphological Characteristics on Noise Propagation - Focusing on Seongnam City	Jaewon Kim Youngchul Kim
77	153	Tidal Flood Adaptation Strategies in Urban vs. Rural Coastal Communities of Indonesia - Case Study	Sunarto Sunarto, Mihoko Matsuyuki
78	154	Ecosystem Services (ES) of Drought-Flood Coexistence (DFC) in Relation to Urban Spatial Transformation (UST) of Phan Rang-Thap Cham City, Ninh Thuan Province, Vietnam	Nguyen Quoc Vinh, Tran Mai Anh, Nguyen Thi Huong Trung
79	155	Simulating the impact of Metropolitan Area on Land Use and Urban Carbon Emission: A Case Study of Seoul	Yu-Ru, Liou, Chia-An, Ku

### [B04] Urban Design and Landscape (3)

### Chia-Nung LI

80	101	From Servicescapes to Streetscapes: Understanding the Influence of Attractive Local Businesses on the Image Perception of Urban Spaces	Jiwoong Jeong Putu Indah Adnyani
81	102	Recognition of the City's 'Character' Based on Existential Authenticity: The Case of Kanazawa	Naomi UCHIDA, Kei SAKAMURA, Keisuke SUGANO
82	104	Visual Impact of Buildings on the Urban View of Natural Landscapes: The Case of the Tateyama	MATSUO Sohei, WANG Yongcheng, KUBOTA Yoshiaki
83	105	Redefining the Role of Museum in the Park-Preliminary Exploration on the Socio-cultural Inclusion	Chun-Tsu Lin, Tzen-Ying Ling and Ju-Sen Lin

**[B05] Regional and Urban Planning (5)****Junichiro Asano**

84	21	Exploring Taiwan's Agricultural Rights Protection Policy: From Land Use Planning to Economic	Cheng-Chi Wen Hsueh-Sheng Chang
85	22	Estimating the Longitudinal Effects of Migration on Depressive Symptoms within the Korean	Jooyoung Kim Minji Ryu
86	23	Examining the Spillover Effects of Urban Consolidation: A Case Study of Urban Consolidation	Ho-Wen Yang, Yi-Ai Su, Zong-Cheng Pan
87	24	Analyzing Movement, Reinforcement, and Extinction of Job Agglomeration in the Age of Popu	Haein Choi Yeoryung Seo
88	25	THE SPACE CONNECTING COMMUNITIES ALONG THE TWO BANKS OF THE RIVER IN THE	Hiep Doan Ngoc

**[B06] Urban Policy/Regeneration (3)****Reazul Ahsan**

89	76	The Urban Renaissance and "Superdiversity" in Charoen-Krung Creative District, Bangkok,	Chiu Shu-Yi
90	77	Neighborhood bikeability for subsidized residents: Assessing different scales of built environ	Junehyung Jeon Donghyun Kim
91	78	Analysis of people's willingness to participate in urban renewal and influencing factors in his	Wei-Pang Chen Hsien-Hsin Cheng
92	79	Current Issues in the Location of Welfare Facilities for the Use of Public Transportation	Koki Ide, Naohiro Kitano, Akinori Morimoto
93	80	Exploring the Revitalization of Vacant Spaces through the Urban Living Lab Concept: A Cas	Guan-Yu Wang Ying-Chen Lin

**[B07] Urban Design and Landscape (4)****Tomohiro Ichinose**

94	106	Study on Public Space in the Waterfront Redevelopment in the Removal of the Viaduct in Seo	Rikako Matsumori, Naoko Kuriyama
95	107	The walkability assessment framework integrating historic landscape and urban form analy	Hung Chia-Cheng, Cheng Hsien-Hsin
96	108	Analyzing physical quality dynamics in shrinking urban landscapes using time-series street	Putu Indah Adnyania Gi-Hyoug Cho
97	109	Spatial characteristics and management of community cafés as a third place: Case study of	Saki Tokuyama, Naoko Kuriyama
98	110	Micro-environmental Factors along Commercial Streets and the Impact of Commercial Streetscape Characteristics on Place Preference - using a	Kwangyeong, Seo Jin-A, Park

**[B08] Transportation (3)****Tetsuharu Oba**

99	131	Evaluation of Traffic Safety Education for Students in a Primary School in an Urban Area of	Haoran Song, Nobuaki Ohmori
100	132	Predictive Modeling of Pedestrian Crosswalk Accidents Incorporating Built Environment Fe	Caryl Anne M. Barquilla Jeongwoo Lee
101	133	Comparative Analysis of Road Safety in the East Asian Region: A City Level Understanding	LEE Chun Hwee, KITANO Naohiro, MORIMOTO Akinori
102	134	The Impact of Shared Street Environments on Driver and Pedestrian Perceptions : Focusing on the Factors for Pedestrian Priority Road(PPR)	Wonsun, Park Kwangyeong, Seo
103	135	Unlocking Japan's Cycling Potential: A Nationwide Analysis of Cyclability and Usage Factor	BELLIARD Lucas, MORIMOTO Akinori, KITANO Naohiro

**[B09] Regional and Urban Planning (6)****Seungbeom Kang**

104	26	How are Tradition and Modernity Integrating into Pari Village in Port Moresby City, Papua N	Kagena Vanessa, Itami Emiko, Aoki Takashi, Yokota Takashi
105	27	Understanding the Evolution of Migration Patterns in South Korea Over the Last Decade	Myungjo Kim Saecheon Kim
106	28	Exploring sustainable land use management in Taoyuan City from the perspective of enviro	Mei-Kuan Li, Chia-An Ku
107	29	Spa town activities that enhance visitor well-being	Yumi Takasawa
108	30	System dynamics between land-use and seascape based on difference scenarios of tourisr	Chun-Lin Lee, Chi-Ru Chang, Yi-Jhen Kai, Shao-Jun Chiang

**[B10] Urban Policy/Regeneration (4)****Jung-Ying CHANG**

109	81	Do Recovery Projects Cause Gentrification?: A Case Study of Taira Area, Iwaki City, Fukushima	Ryoga Ishihara
110	82	Effects of Socioeconomic Characteristics of Adolescents' Residential Areas on Individual Labor Market Outcomes in Korea:	Yeonwoo Kim Sangyun Jeong
111	83	Issues from the View of Current Situation and Practical Use of Relevant Laws to "Historical U	
112	84	The impact of culture-oriented urban regeneration on local development—Case studies of T	Shu-Wen Lin Ko-Ming Wang
113	85	Market Renaissance in Japan: Exploring Administrative Approaches and Social Impact	Mio Suzuki

**[B11] Environment and Disaster Management (4)****Fumihiko Seta**

114	156	A Study on the Disaster Reconstruction Plan for the Great East Japan Earthquake Disaster:	Mingtao QU, Koichi KANA, Yuri TAKAGI
115	157	Evaluating the Indirect Impact of Natural Disaster: Accessibility Analysis of Emergency Serv	Kuang-Ting Huang Yi-Chien Liu
116	158	The Impact of Carbon-Neutral Green City Masterplans on the Mitigation of Urban Heat Islands	Shim, Sang Woo Kim, Chung Ho
117	159	Exploration of Local Climate Zone - A Case Study of Taipei Metropolitan Area	Yi-An Tuan Hao-Teng Cheng
118	160	Development of Method for Housing Damage Assessment and Disaster Prevention Relocati	Kai Saito, Yuki Akiyama

**[B12] Smart City and GIS (1)****Vuong Trang**

119	170	Development of Automatic Selection Method for Suitable Development Sites from Aerial Pho	Jin HORIUCHI, Ryota YAMANOTERA, Yuki AKIYAMA, Kouji HAYASHI, Fujio SAKURAI, Kosuke ORIDE
120	171	Design Strategies for Minimizing Fine Particulate	Daeun Lee Jeongwoo Lee
121	172	Development of a Machine Learning-Based Method for Classifying Building Use Using Build	Ryota Yamanotera, Yuki Akiyama, Hiroyuki Miyazaki, Satoshi Miyazawa
122	173	Urban industrial land use recognition and classification:integrating remote sensing and geo	Anh Phuong Nguyen Tzu-Chang Lee

**[B13] Smart City and GIS (2)****Hiroki Baba**

123	174	Infrastructure Development in TOD Areas: A Case Study to Assess the Positive Impact on S	Hasnim Kaulani, Norihisa Shima
124	175	Study on the impact of DRTS on the daily activities of captive riders from the perspective of	Yi Kuan Sun , Ping Li Chen
125	176	Designing the big-data-based urban planning communication platform for citizen participation	Yekeun Kim Sihyeon Park
126	177	Development of Store Closure Prediction Model Using Digital Telephone Directory Data	Kento KOKUBO, Kotaro MIZUTANI, Yuki AKIYAMA

# 2024 ICAPPS SESSION PLAN (FINAL. 8.08)

## SESSION C (1500-1640)

### [C01] Regional and Urban Planning (7)

Yen-Jong CHEN

127	31	Community - Base Approach for Improving Vulnerable Communities in Hue City- Viet Nam	Hau Do
128	32	How Many Barriers Do You Recognize? Comparison of Accessibility Barriers to Persons with Disabilities	Yoshito DOBASHI
129	33	Analysis of Shelter crowdedness Using the Inverted 2-Step Floating Catchment Area (I2SFCA)	Jaejun Seo Kyungho Kwon
130	34	The relationship between urban planning and housing price resilience: A study of urban flood resilience	Wang Kuan-Fei Hsiao Chia-Yi
131	35	Development of a Model for Assessing the Population Attraction Capacity of Transit-Oriented Development	SHU XINYU, Yuki AKIYAMA

### [C02] Landuse/Real Estate (4)

Jangik Jin

132	61	Exploring the Socioeconomic Effects of School Closures on Urban and Rural Areas in South Korea	Kim, Ha Young Kim, Saehoon
133	62	Study on Trends in the Use of Temporary Housing by Municipalities and the Requirements of Residents	Shiro Tsuboi, Junichiro Asano
134	63	Identifying and modeling interregional interaction in South Korea based on distance distortion	Woosik Kim Dong Keun Yoon
135	64	Study on the Partial Utilization of Vacant Houses Based on Spatial Characteristics and Owner's Perception	Koji Itami, Wakana Fujiwara
136	65	Resilience Evaluation Analysis of Industrial Clusters- Taiwan Taoyuan City as Example	Ya-Jun Cheng Jen-Te Pai I-Chun Pan

### [C03] Urban Policy/Regeneration (5)

Yun Mi Park

137	86	Tourism Gentrification from the Perspective of Cultural Tourism and Its Implication on Urban Regeneration	Yong-Chen Tsai Hsiu-Tzu Betty Chang
138	87	Social Contextuality Mediated by Vacant Stock Renovation	Yuta Shin, Hideki Koizumi
139	88	A Study on Building Bulk Control in Urban Planning - A View from Urban Renewal	Yu-Han Chen
140	89	Unlocking the Potential of Songdo's Public Spaces: A Journey to Sustainability	Idil Ayrat Reazul Ahsan
141	90	Exploring the Path of Local Revitalization in Longtan, Taiwan, Based on Community Capital: A Case Study	Mei Dani Wu Zhen Ting

### [C04] Smart City and GIS (3)

Chun-Lin LEE

142	178	Measuring the Influence of the Utsunomiya LRT's Launch on Commercial Area Visitor's Dynamic	Yoshiyuki Nakahara, Naohiro Kitano, Akihiro Kobayashi, Daisuke Kamisaka, Akinari Morimoto
143	179	Smart City Solutions in the Asian Context: A Case Study from the Master Plan 2040 of Thu Duc City, HCMC	Trang Vuong Dzung Nguyen
144	180	The study of Parking Spaces Demand Model of Smart Buildings in Taipei City	Jen-Te Pai, Kuan-Yu Chen
145	181	Analysis of Relationship between Public Bike Sharing Patterns and Land Uses in Seoul	Jeunghee Oh Youngchul Kim

**[C05] Regional and Urban Planning (8)****Keiro Hattori**

146	36	Research on the Influencing Factors of Public Space Governance on Residents' Well-being in	Xian Tinghuan Chun-Ming Hsieh
147	37	Effects of regional features on firm performance in digital age: Evidence from Korea	Baesung Kim
148	38	Gap between Disaster Preparedness and Residents' Perceptions in a Walkable Historic Town	Tomoko Kano
149	39	Transient dynamics in urban spaces: assessing the impact of relational populations on revitalization	Jihun Mun Jae Seung Lee
150	40	Land Value Capture to Finance Urban Rail Transit: A Retrospective Analysis of Delhi Airport	Abhey Kumar, Mihoko Matsuyuki

**[C06] Urban Design and Landscape (5)****Jeongseob Kim**

151	111	Exploring the gentrification phenomenon within the areas where the science parks of Hsinchu	Han- Yu Li, Tai-Shan Hu
152	112	Applying connectivity analysis methods to measure walking connectivity of playgrounds by neighborhood form	Jo, Hae Song Kim, Chung Ho
153	113	Exploring the Process of Reproducing Public Space as the Third place : The Case of Hip-hop	Hsu chia jung Chen pin chu
154	114	The epoch in history of the land readjustment in Japan, and the process of planning small urban	Kei Nakagawa, Yu Nakai
155	115	Songdo International City at the Crossroads: Shifting from High-Tech Utopia towards Reinvigoration	Reazul Ahsan Sung Jin Park

**[C07] Environment and Disaster Management (5)****Sadatsugu Nishiura**

156	161	Preliminary Insights into Food Procurement: A Case Study of Households in Flood-prone Coastal	Yuka Shinoda, Miki Yoshizumi
157	162	How Does the Legal and Institutional Environment Affect Fisheries in Taiwan? A Perspective	Jia-Shu Lin Wei-Ju Huang
158	163	Mainstreaming Human Dimension in Environmental Carrying Capacity: Lesson Learned from	Nala Hutasoit Sasmita Nugroho
159	164	Impact of the Natural Disaster on the Village Layout in a Mountainous Village: A Case Study	Chiho OCHIAI
160	165	Exploring the Sustainability in Taipei Urban Region through the Transformation of Ecosystems	Wei-Hsuan Liu, Chia-Tsung Yeh

**[C08] Environment and Disaster Management (6)****Dong Keum Yoon**

161	166	A Study on the Progress and Issues in Measures Taken for Vulnerable People in Disaster Risk	Tatsuki Ishii, Hiroichi Kawashima
162	167	Exploring the Path Towards Carbon Neutrality in Industrial Parks -A Case Study of Tainan, Taiwan	Yun-Chun Chiu, Yung-Chi Yen
163	168	Mainstreaming Ecosystem Services in the National Environmental Plan of Indonesia	Heri Prasetyo Erik Teguh Primiantoro
164	169	Willingness to Pay for Landslide Adaptation Strategies Through House Modification in Giriwondo	Santika Purwitaningsih, Junichiro Asano
165	204	Measuring well-being cities: the role of Healthy Environment	Simarmata, H.A., Adriadi Dimastanto, Diyanti Pinastika, Nurul Fahmi, Siti Rachma Utami Dewi

**[C09] Regional and Urban Planning (9)****Hyojung Lee**

166	41	Interactions Between the Dimensions of Post-Pandemic Healthy City Development: Communitarian	Wayan Nanda Khrisna Pratama, Norihisa Shima
167	42	Socioeconomic and Geographical Analysis of Low Fertility in Korea	Lee Hweejung Jung Hyunjoo
168	43	Diversity of Urbanization Process: Comparison of Population Distribution and Spatial Structure	Ryoko Hosono, Fumihiko Seta
169	44	Exploring the spatiotemporal variations of social vulnerability in urban and suburban areas: A	Yu-Shan Su, Chia-An Ku
170	45	Research on Urban-Rural Linkage through Timber to Promote Decarbonization through Widening	Kiichi Takahashi, Fumihiko Seta

**[C10] Transportation (4)****Hwa Jin Lim**

171	136	The heterogeneous effects of neighborhood characteristics on commuting and migration by distance	Han-na Park Jaemin Song
172	137	Analysis of Improving of Profitability of Bike-Share Service -Settsu City, Osaka, Japan-	Wataru IRIE, Hiroyuki IWASAKI, Yukikazu YAMAGUCHI
173	138	The Rebirth of a Mega-project under Neo-developmentalism: A study of the Taiwan High Sp	Shu-Ping Hsieh Liling Huang
174	139	A Study on Factors Influencing Commuting Patterns of the Elderly Population Using Origin-D	Shin, Jaeun Woo, Myungje
175	140	An Investigation of Institutional Support for Volunteer Road Maintenance Activities -A Case	Masamichi Monji, Tomoki Sakiyama, Satoko Cho, Tetsunobu Yoshitake

**[C11] Urban Design and Landscape (6)****Meen Chel Jung**

176	116	Community Participation and Motivation in Urban Greenery Activities: Study on Shimokita G	Wei CHEN, Koichi WAKASUGI
177	118	Urban Walkability and Community Formation Using a Stream Environment in a Rural City in	MATSUSHITA Shigeo, WATANABE Toyohiro
178	119	Exploring Business Survival in Commercial Area: The Impact of Evolving Urban Visual Qualit	Donghyun Kim Junehyung Jeon
179	120	Delivering age-friendly environment in the multi-use Erchong Floodway park	Jou-Hui Su Tzu-Yuan Chao

**[C12] Smart City and GIS (4)****Tran Mai Ahn**

180	182	Conceptualizing a New TOD through Connecting Existing Railway Stations by Walkable Pub	Rio Inoue, Kanyou Sou, Chun-Chen Chou, Kento Yoh, Kenji Doi
181	184	Integrating Time Series Analysis and Deep Learning Methods for Predicting Potential Locati	Teng-De Wang Yung-Chung Chuang
182	185	A Survey and Analysis of the Current Status of Barrier-Free Development in the Central Bus	Nijihiko Otsuka, Motoya Koga, Emanuel Ieleito, Tetsuya Kaneko, Takumi Fujiwara