

Register Fri, 27 Oct. 2023

16:00-18:30	Register	Lobby, Boya Celebrity Hotel (Chengdu Xipu Metro Station Branch)
19:00-21:00	Welcome Party	Boya Celebrity Hotel

Building 8, Southwest Jiaotong University Sat, 28 Oct. 2023**Opening Moderator: Prof. Yingzi Zhang**

08:30-09:00	Register	Art Gallery, Building 8, 1F, Southwest Jiaotong University
09:00-10:00	Opening Address	Ohgai Akira (Head of AURG)
	Welcome Speech	Zhongwei Shen (Dean, School of Arch., Southwest Jiaotong Univ.)
	Congratulatory Speech	Faming Yao (Vice-Chancellor, Southwest Jiaotong Univ.)
	Congratulatory Speech	Kun Song (Dean, School of Arch., Tianjin Univ.)
	Group photograph	Group photograph

Room 1, Building 8 Sat, 28 Oct. 2023**Session 1: Urban Renewal Chairman: Prof. Xiaoyan Mi**

10:30-10:50	NO.01 Deep Learning-based Approach for Optimizing Urban Commercial Space Expansion Using Artificial Neural Networks <i>Dawei Yang, Jiahui Zhao, Ping Xu, Bin Du, Jiahua Dong</i>
10:50-11:10	NO.02 Urban Renewal in the Context of Urban Shrinkage: Taking Chongqing City as an Example <i>Haiyan Wang, Xuan Tang</i>
11:10-11:30	NO.03 An Empirical Study on the Effectiveness of Redevelopment of Aging Station by City Size: Comparison of Large City, Small City, and Satellite City <i>Jaewon Kang, Riki Toshimitsu, Haruki Ikeda, Shichen Zhao</i>
11:30-11:50	NO.04 A Study on new urban spatial evaluation indexes of shielding relationship between greenery and buildings of Urban River Landscape <i>Rui Jiang, Daisaku Nishina, Xiaoyu Tang, Sayaka Kindaichi, Ayato Hironaka, Miho Horiba</i>
11:50-12:10	NO.05 Comparing a Traditional Old Town and a Smart Town: Changes in Cities' Past and Future from the Perspective of City Evolution <i>Hyojin Baek, Donghak Bae</i>
12:10-12:30	NO.06 A Study on the Living Behavior and Space Usage Preference of Residents in Traditional Huizhou Dwellings <i>Xiang Gao, Zao Li, Geng Cheng, Mingfei Gao, Qiang Wang</i>

12:30-13:30 Lunch**Session 2: Public Building Chairman: Prof. Takeru Sakai**

13:30-13:50	NO.07 A Study on Characteristic of Consolidation of Public Elementary School in Central Urban Areas -The Case of Japanese Local City- <i>Mizuki Hada, Junichiro Asano and Akira Ohgai</i>
13:50-14:10	NO.08 A Case Study on the Restorative Effect of Office Sky Garden Based on VR and Physiological Perception <i>Zhipeng Ruan, Zao Li, Geng Cheng, Zihuan Zhang</i>
14:10-14:30	NO.09 A Study on Spatial Optimization Method of Childcare Facilities in Rural Areas under the Concept of Intergenerational Equity <i>Ziteng Liu and Ze Liu</i>
14:30-14:50	NO.10 A Study on student interaction in outdoor spaces <i>Yuehan Zhou, Daisaku Nishina, Sayaka Kindaichi, Rui Jiang and Ren Yamashita</i>
14:50-15:10	NO.11 Retrospect and Prospect of Frontier Research on Informal Space in Urban Community <i>Jiankun LIU, Yang CHEN and Kundi SHU</i>
15:10-15:30	NO.12 Visual perception study of elements in Huizhou residential courtyard <i>Wei Shao, Zao Li</i>

15:30-15:50 Coffee Break**Session 3: Planning & Management Chairman: Prof. Linchuan Yang**

15:50-16:10	NO.13 Research on the Strategy of Synergistic Promotion of Land Management and Territorial and Spatial Planning in China by Taking the Implementation Regulations of the Land Management for Example <i>Yidan Chen, Can Xu, Lairong Xie and Yaping Huang</i>
16:10-16:30	NO.14 Land Use Change and Social Space Reconfiguration of the Former Japanese Concession Area in Tianjin, China (1945-2000) <i>Weiyuan Kong, Sheng Dang, Xiaoyan Mi and Mengge Du</i>
16:30-16:50	NO.15 The Composition of Landscape Plans Based on the Landscape Act in South Korea and Landscape Resource <i>Dongki Hong, Takeru Sakai and Wenru Du</i>

16:50-17:10	NO.16 Survey of the actual usage of shopping streets in the central city area of Hanamaki City <i>Chihiro Kudo, Atsushi Komiyama and Akira Ushijima</i>
17:10-17:30	NO.17 Green Space Perception as an Intermediary Mechanism Connecting Green Spaces with Residents' Well-being: A Systematic Review <i>Ri Hu, Xiaoyan Mi and Dachang Yuan</i>
17:30-17:50	NO.18 Analysis on the Development and Characteristics of Comprehensive Community Care System in Japan <i>Shuyuan Wang, Shichen Zhao and Jingmin Zhou</i>

Room 1, Building 8 Sun, 29 Oct. 2023**Session 4: Public Facility Chairman: Prof. Ji Li**

08:30-08:50	NO.19 Research on service efficiency of primary medical facilities in villages and towns in mountainous areas of western China <i>Xiangyu Dong, Shichen Zhao</i>
08:50-09:10	NO.20 Study on The Influence Factors of Living Street Environment on The Perception of Healing Benefit of Urban Elderly Residents <i>Yun Zhang, Xiaoyan Xu and Zihan Cheng</i>
09:10-09:30	NO.21 Future Policy Evaluation by Social Dynamics Simulation Using a Multi-Layer Network <i>Haruki Nakatani, Nao Sugiki, Fumitaka Kurauchi, Mustafa Mutahari and Kojiro Matsuo</i>
09:30-09:50	NO.22 Case Study of Community Living Circle Construction in Qujiang New District <i>Mengying Wang, Mingzhi Zhang, Dian Zhou and Chenguang Wang</i>
09:50-10:10	NO.23 Sustainable Design Camp, As Platform of design Education <i>Koichiro Aitani, Takeru Sakai and Prasanna Divigalpitiya</i>

10:10-10:30 Coffee Break**Session 5: Environmental and Disaster Chairman: Prof. Huang Xuan**

10:30-10:50	NO.24 An Evaluation Method of Natural Disaster Risk for Route Bus Operation Bases Considering the Vulnerability and Importance <i>Feifan Xu, Haruki Tajima and Hirokazu Kato</i>
10:50-11:10	NO.25 A study of landscape preference formation mechanism based on convolutional neural network and Grad-CAM <i>Jingxuan Hu, Zhijie Yang and Yujie Ren</i>
11:10-11:30	NO.26 Study on the Impact of Road Environment on Vehicle Carbon Emissions in Mountainous Cities: A Case Study of Chongqing, China <i>Qi Chen, Xueyang Dai, Qinmei Sun and Hankun Ren</i>
11:30-11:50	NO.27 Exploring the Influence of Streetscape Features on Housing Prices using Image Segmentation and Geographically Weighted Regression <i>Rui Wang, Yanhui Wang</i>
11:50-12:10	NO.28 Ex-communist Buildings and Elementary Schools as Post Disaster Shelters in Durrës, Albania: Exploring Capacity Factors <i>Arneda Gjeta, Junichiro Asano and Akira Ohgai</i>

12:10-13:30 Lunch**Room 2, Building 8 Sat, 28 Oct. 2023****Session 6: Spatial Visual Chairman: Prof. Tae Heon Moon**

10:30-10:50	NO.29 A study on quantitative analysis and evaluation of street building facade colours <i>Shuting Xia, Zao Li, Geng Cheng, Min Yan</i>
10:50-11:10	NO.30 Research on the Application of UAV Tilt Photography Technology in the Conservation of Linear Cultural Heritage in Urban Areas: A Case Study of Nanjing Ming Dynasty City Wall <i>Yifan Yang, Chengkang Wang, Qingwei Xu, Yi Heng and Bing Qiu</i>
11:10-11:30	NO.31 Spatial visualization and analysis of urban vacancies in provincial city centers: A case study on the city center of Toyohashi <i>Taiyo Miyajima, Haruka Ono</i>
11:30-11:50	NO.32 Study on the Landscape Features of the Coastal Area of the Seto Inland Sea impacted by modern landscape concept from the Perspective of Western-style Landscape Painting <i>Yichuan Zhang, Shichen Zhao, Eiko Minoura</i>
11:50-12:10	NO.33 Similarity and Stability: A Study on the Chromatic Characteristics of Regional Built Spaces—Exploring the Color Aesthetics of Huizhou Architecture in Southern Anhui, China <i>Geng Cheng, Zao Li, Zihan Cheng, Yun Zhang and Shuting Xia</i>

12:10-12:30	NO.34 The Study on the Characteristics of “Third Space” in Traditional Chinese City from Painting <i>Zhuocheng Xie, Mudan Lu and Takeru Sakai</i>
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12:30-13:30 Lunch**Session 7: Healthcare&Social Space Chairman: Prof. Kazuki Karashima**

13:30-13:50	NO.35 Population migration and air quality----Evidence from the Fenwei Plain after COVID-19 pandemic <i>Yu Zhao, Divigalpitiya Prasanna</i>
13:50-14:10	NO.36 Research on Rural Landscape Perception of Multiple Crowds Based on Landscape Vision Preference <i>Lukai Liu, Xuyang Sun, Yuchong Wang, Yanjun Zhou, Jiajie Cao, Chengkang Wang</i>
14:10-14:30	NO.37 A Review of Research on the Urban Informal Green Spaces: based on the Whole Life Cycle Planning <i>Xuefeng Jiang, Xiaoyan Mi and Dachang Yuan</i>
14:30-14:50	NO.38 Analysis of the Relationship Between the Residents and the Living Space of the Earth Dwellings in Inner Mongolia Section of the Yellow River Basin <i>Jingying Song, Shichen Zhao, Minoura Eiko</i>
14:50-15:10	NO.39 Balanced Assessment of Forest Ecosystem Service Supply and Demand in the Consumer Sector – A Case Study of Five Prefectures in Chubu, Japan – <i>Takeru Ochi, Haruka Ono</i>
15:10-15:30	NO.40 Analysis on Public Space Combination Types of Qianhai Unit No.2 and No.9 Constructed on Neighborhood Integrated Development <i>Yuhao Liang</i>

15:30-15:50 Coffee Break**Session 8: Urban Development Chairman: Prof. Hong Yuan**

15:50-16:10	NO.41 Rental Housing Owners' Willingness to Provide Temporary Housing in the Nankai Trough Megathrust Earthquake in Japan <i>Ryoma Sato, Haruka Ono</i>
16:10-16:30	NO.42 A Study on the Actual Conditions of Visits and User's Impression at Riverside Open Cafes - Comparison of Ratings by User Attributes - <i>Miho Horiba, Daisaku Nishina, Rui Jiang, Sayaka Kindaichi, Ayato Hironaka and Xiaoyu Tang</i>
16:30-16:50	NO.43 Literature Overview on Strategies on Flexible Public Space in the Middle of Density <i>Nichella Tjendana, Prasanna Divigalpitiya</i>
16:50-17:10	NO.44 Study on the Optimization of Function Layout and Pedestrian Network of Park Complex -- A Case Study of Shenzhen Oh Bay <i>Weiliang Ye, Yongwei Zhao</i>
17:10-17:30	NO.45 Relevance between Traditional Commercial District Spaces and Tourist Behavior —A Case Study of Tunxi Ancient Street and Liyang In Xiang <i>Sun Xia, Li Zao and Zhuang Qi</i>
17:30-17:50	NO.46 Research on sightseeing behavior characteristics in VR space based on subject experiments Outline and results of the experiment <i>Weixuan Gao, Daisaku Nishina, So Sugita, Rui Jiang, Sayaka Kindaichi, Yasuaki Matsuura, Ning Hou</i>

Room 2, Building 8 Sun, 29 Oct. 2023**Session 9: Public Space Chairman: Prof. Yountaik Leem**

08:30-08:50	NO.47 Psych Rehab and Play Therapy, Research on Designing Outdoor Rehabilitation Medical Space based on Children's Outdoor Activities <i>Cheng Meng, Zao Li, Weiyi Cui and Jingyan Kang</i>
08:50-09:10	NO.48 From Exclusion to Organization: Insights on the Socio spatiality of informal street markets using existing literature <i>Randima De Silva, Prasanna Divigalpitiya</i>
09:10-09:30	NO.49 The Association between the Blue-Green Planning Factors in Urban Public Open Space and the Subjective Well-being of the Elderly: Characteristics and Implications <i>Yuan Ye, Xu Shiyan, Yao Yiming, Kong Ling, Liu Taixiao and Liu Meishan</i>
09:30-09:50	NO.50 Do related companies tend to cluster spatially based on the strategic industries established in the region? : Gyeonggi and Gyeonnam province in Korea Case <i>Hye-Lim Kim, Tae-Heon Moon</i>

09:50-10:10 NO.51 Research on the Correlation between Daily Travel Behavior of the Elderly and Community Spatial Based on GNSS Trajectory Data: Taking Hongqi Community as an Example
Yiqing Cai, Zao Li, Shichen Zhao, Yuanmuzi Hu, Chutong Wen and Chongxiao Wei

10:10-10:30 Coffee Break
Session 10: Urban Environment Chairman: Prof. Yanxin Cai

10:30-10:50 NO.52 A Study on the Influence of the Appearance of Tree Species on the Psychological Evaluation of Urban River Landscape
Xiaoyu Tang, Daisaku Nishina, Rui Jiang, Sayaka Kindaichi, Ayato Hironaka and Miho Horiba

10:50-11:10 NO.53 A study on the living environment Influencing Residential Choice in Local Cities -Focus on 14 Local cities in Japan-
Souto Taniguchi, Kazuki Karashima

11:10-11:30 NO.54 Smart and Green Technologies for Declining Villages : focused on Fishing Villages in Korea
Younatik Leem, Young-Woong Ahn, Hyojin Baek

11:30-11:50 NO.55 Research on the Flexibility of Urban Space for Pop-up Activity: a Case Study of Beijing Douban Tongcheng Data
Jiayu Wang, Xiaoyan Mi and Dachang Yuan

11:50-12:10 NO.56 The Composition and the Application of Landscape Plans in Japan
Wenru Du, Takeru Sakai and Prasanna Divigalpitiya

12:10-13:30 Lunch

Room3, Building 8 Sat, 28 Oct. 2023

Session 11: Urban Transportation Chairman: Prof. Junichiro Asano

10:30-10:50 NO.57 Research of the built environment non-linear impact on metro commuter traffic in different SES areas: a case study of Guangzhou
Haifan Zhang, Peng Zang, Kaihan Chen, Hualong Qiu, Yun Yu, Bingjiang Ye

10:50-11:10 NO.58 Optimization path of centralized and contiguous restoration units in mining areas under the concept of EOD
Junxiong Xia and Ze Liu

11:10-11:30 NO.59 A study on spatial urban function succession of Beijing rail transit station: A case study of Beijing Metro Line 1
Jie Ding, Hongxin Sui and Ziwei Wang

11:30-11:50 NO.60 Research on the Perception of Underground Street Interface Form in Virtual Reality Perspective Combined with Subjective Evaluation
Yufeng Xue, Zao Li, Rui Zeng

11:50-12:10 NO.61 The Impact of the Construction and Abandonment of Railroads on the Urban Spaces along Railway: Learning from Former Chikuhui Line of Japan National Railways in Fukuoka
Hiroto Matsuo, Takefumi Kurose

12:10-12:30 NO.62 Optimization Of A Three-dimensional Pedestrian Network In 19-03 Qianhai Neighbourhood, Shenzhen, Based On The Connection Of Metro Stations
Jieying Lin, Yongwei Zhao

12:30-13:30 Lunch

Session 12: Urban Mobility Chairman: Prof. Haruka Ono

13:30-13:50 NO.63 sDNA-Based Optimization of the Pedestrian Potential of Aerial Base in the Shenzhen Bay Eco-Technology Park
Weizhe Ding, Yongwei Zhao

13:50-14:10 NO.64 Evaluation of Location Optimization Plan Using Urban Microsimulation Model
Toko Wada, Nao Sugiki, Mustafa Mutahari and Kojiro Matsuo

14:10-14:30 NO.65 A Study on the Relationship between the Stores Business Type Composition and Willingness to Visit of Shopping Arcade in Regional Cities
Shijie Jian and Daisaku Nishina

14:30-14:50 NO.66 Comparative Study of " Streetscape Primary Profile " in New and Old Urban Areas Based on Fractal Theory: A Case Study of Huizhou Avenue in Hefei City
Han Liang, Zao Li, Qiang Wang and Lekai Cheng

14:50-15:10 NO.67 Classifying the city walking routes for supporting pedestrians' decision making, a case study in Fukuoka, Japan
 Lanmeng Feng, Shichen Zhao, Eiko Minoura, Jingyi Dai, Xiaoyan Mi, Dachang Yuan

15:10-15:30 NO.68 A Study on the Correlation between Walking Speed and Spatial Elements of Streets for the Elderly - A Case Study of Lujiang Road in Hefei City
Yuanmuzi Hu, Zao Li, Yiqing Cai and Zexi Lv

15:30-15:50 Coffee Break

Session 13: Urban Regeneration Chairman: Prof. Shen Xu

15:50-16:10 NO.69 A Study on the Characteristics of Shrinking Cities in China: Data from 2000-2020
Weiyi Bai, Xiaoyan Mi and Dachang Yuan

16:10-16:30 NO.70 Study of Revitalization of the Makassar Old City Heritage Area
Ahmad Dahlan, Muhammad Ainun Fikri, Ihsan

16:30-16:50 NO.71 Analysis of the Relationship between Industrial Heritage Reuse and Surrounding Infrastructure Based on POI Data: Case of Wuhan
Qiguo Li, Wanjun Gong and Yansha Wang

16:50-17:10 NO.72 Study of Polycentric Structure of Zhengzhou Based on Multi-source Data
Xiaofei Han

17:10-17:30 NO.73 The Evolution of Small Historical Towns in the Changing of Urban Functions A Case Study of Mu Huang Town, Tongren City, Guizhou Province, China
Molin Ni, Shichen Zhao and Eiko Minoura

17:30-17:50 NO.74 Research on the Policy and Housing Characteristics for the Elderly in Japan—Taking Fukuoka as an Example
Guang He, Shichen Zhao and Jingmin Zhou

Room 3, Building 8 & Online Sun, 29 Oct. 2023

ZOOM Meeting ID: 942 8775 9624 Passcode: 761096

Session 14: Urban Planning 1 Chairman: Prof. Prasanna Divigalpitiya

08:30-08:50 NO.75 Agricultural Promotion Measures Using Tataro Ironmaking Heritage in Okuizumo Town of Shimane Prefecture, Japan
Hosoda Tomohisa, Inai Mizuki, Mishima Sachiko and Nakazono Mahito

08:50-09:10 NO.76 Study on Child-rearing Environment and Compact Town Plan in Nichinan Town, Tottori Prefecture, Japan
Sone Ayaka, Hosoda Tomohisa, Mishima Sachiko and Nakazono Mahito

09:10-09:30 NO.77 Status of Schoolchild-Care Facilities in Japan, Focusing on Chugoku Region
Kawabe Masanao, Hosoda Tomohisa, Mishima Sachiko and Nakazono Mahito

09:30-09:50 NO.78 Provision of welfare facilities for the elderly in Shimane Prefecture, Japan
Sachiko Mishima and Tomohisa Hosoda

09:50-10:10 NO.79 Construction of Urban Housing Stock's Lifecycle Data Platform Targeting Refurbishment Decision-Making
Tinglei Li, Bo Zhou, YuZheng Zhang

Session 15: Urban Planning 2 Chairman: Prof. Koichiro Aitani

10:30-10:50 NO.80 A Study on the Disaster Risk Evaluation by using an Economic Losses caused by Flooding in Tokushima Urban Area
Kojiro Watanabe and Kui Zhou

10:50-11:10 NO.81 The Relationship between Evaluation Criteria and Project Characteristics of Park-Private Finance Initiative Projects in Japan
Satoko Cho, Ryuju Ajitani and Tetsunobu Yoshitake

11:10-11:30 NO.82 Exploring the Gap between Regulations and Building Practices: A Case Study of Kabul, Afghanistan
Bibi Turkan Sadat, Haruka Ono

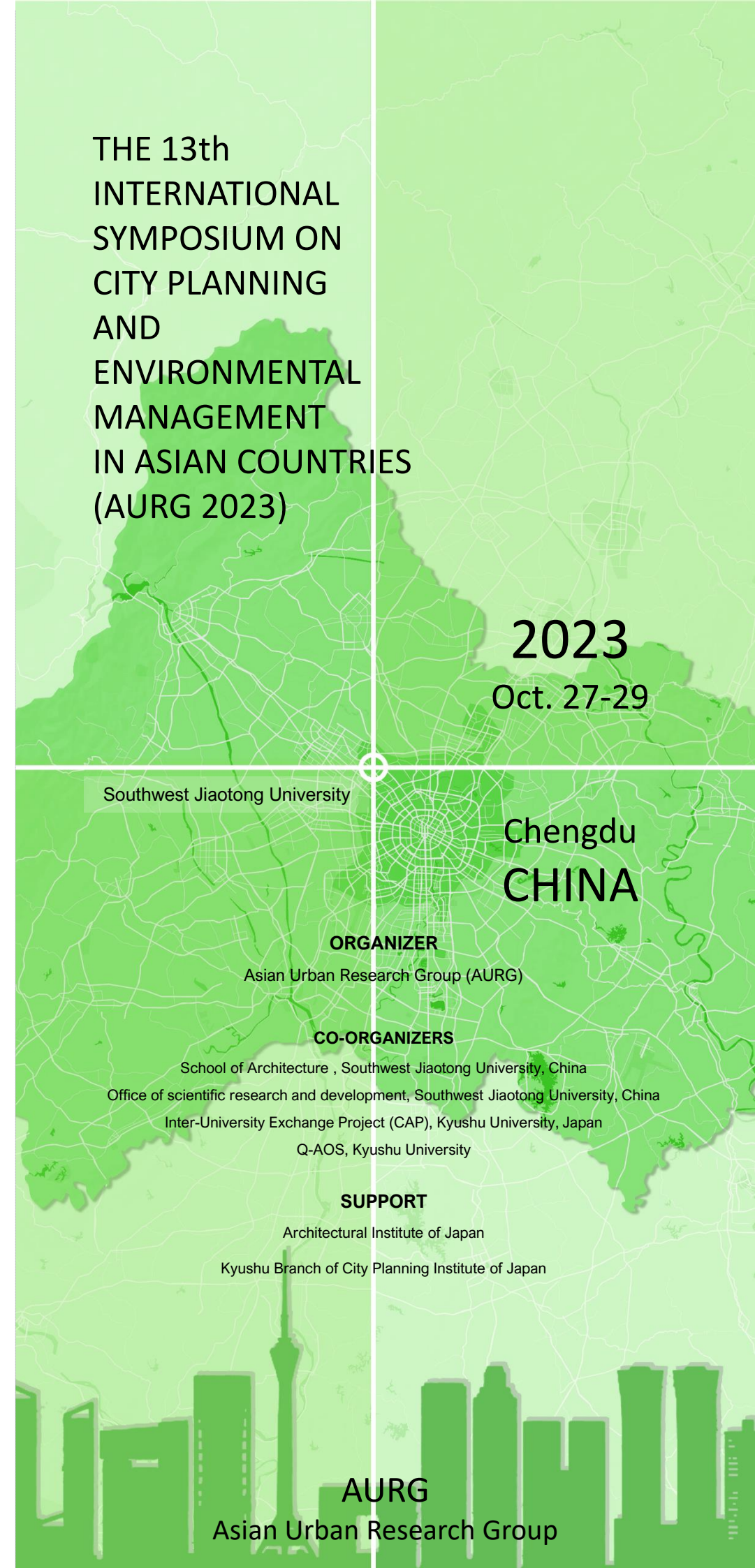
11:30-11:50 NO.83 Activities and issues of the organizations involved in Japan's unfinished railroads
Mai Hiramawa, Ryo Inoue, Hisataka Kobayashi

11:50-12:10 NO.84 A study on residents' impressions of farmland in Urbanization Areas and Suburban Areas
Shiro Tsuboi, Junichiro Asaano and Akira Ohgai

12:10-13:30 Lunch

Field Tour
Sun, 29 Oct. 2023, 13:30~19:00
Excursion Site: Jinli & Wuhou Temple

Farewell Party
Sun, 29 Oct. 2023, 19:00~21:00
Boya Celebrity Hotel
(Chengdu Xipu Metro Station Branch)



THE 13th
INTERNATIONAL
SYMPOSIUM ON
CITY PLANNING
AND
ENVIRONMENTAL
MANAGEMENT
IN ASIAN COUNTRIES
(AURG 2023)

2023
Oct. 27-29

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