

Improving Livability for Urban and Rural Settings

Department of Geography, University of the Aegean

1 July 2026

16:00- 20:00 **REGISTRATION and WELCOME DRINK**

2 July 2026

CONFERENCE START

8:30 -14:00 Registration

09:00 – 09:15 Amphitheater	Official Opening
09:15 – 10:15 Amphitheater	Opening keynote Speech Professor Zhifu Mi <i>Intercity inequality in carbon emission reductions from vehicle electrification in China</i>

BREAK 10:15 - 10:30

10:30 – 11:45 Amphitheater	<p><i>Special Session 14. Urban Blue and Green Spaces for Health and Well-being</i> Session chair: Ziwen Sun, Haiyun Xu, Longfeng Wu</p> <p>1. Oppressiveness as a critical link between urban streetscapes and residential preference in the high-density cities <i>Lan Luo, Lin Qiao, Yuwen Yang, Bin Jiang</i></p> <p>2. Construction and Empirical Analysis of a “Five-Dimension Integrated” Evaluation System for Ecological Construction Quality in Metropolitan Areas <i>Chen Shengchong, Liu Chunla, Xie Binggeng, Wang Feiyu</i></p> <p>3. Linking window-view nature exposure with health outcomes <i>Yi Lu</i></p> <p>4. Synergistic relationships of cultural ecosystem services in urban parks: An empirical study based on MA and NCP frameworks <i>A. Lingqian Tan, B. Peiyao Hao</i></p> <p>5. A VR and Physiological Deconstruction of Restoration: Multisensory and Contextual Mechanisms in Urban Blue-Green Spaces <i>Zhiyue Zheng, Chuyu Hu, Xinlei Hu, Ziwen Sun</i></p>
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	<p>6. Effects of Residential Greenness on Body Mass Index and Overweight/Obesity in High-Density City: An Observational Study Based on Community Surveillances in Shanghai from 2007 to 2017 <i>Jie Yin, Yang Zheng, Yifan Yu, Yan Shi, Qinglai Zhang, Yingquan Wang, Xiaoxia Liu, Qundi Yang</i></p>
<p>10:30 – 11:45 Room A</p>	<p>General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability Session chair:</p> <hr/> <p>1 Multi-Objective Optimization of Agricultural Land Management: Balancing Economic Returns with Environmental Conservation <i>Jiajia Wang, Siqi Zhu, Brian Deal</i></p> <hr/> <p>2 Humid Heat Stress and Civic Voice: Weather Shocks, Daily Grievances, and Mental Health Signals <i>Fengmin Liu, Mingyu Shu, Yanxin Zhang</i></p> <hr/> <p>3 Carbon efficiency, population aging, sub-replacement fertility, immigration & emigration, technological innovation, spatio-temporal analysis, European Economic Area <i>Li Jiang, Xiongfeng Pan</i></p> <hr/> <p>4 Climate Change and World Income Distribution: The Impacts of Global Warming on Between-country Inequality <i>A. Guanghua Wan, B. Ruiyang Cheng</i></p> <hr/> <p>5 Spatial Resilience Assessment and Enhancement Strategies for Traditional Villages in Beijing's Western Yongding Watershed from a Flood Disaster Perspective <i>Wang Zilin, Song Jian, Rong Yuefang</i></p> <hr/> <p>6 Seeing green high-quality development: How the digital economy affects carbon emissions in the Yellow River Basin and Yangtze River Economic Belt <i>Z. Lin, H. Liu, L. Shi, D. Cui</i></p>
<p>10:30 – 11:45 Room B</p>	<p>Special Session 1. AI-Empowered Urban Renewal and Regeneration Session chair: Paolo Vincenzo Genovese, Yafei Zhao, Zhixing Li, Rong Xia, Yunshan Wan, Xiaozhen Li</p> <hr/> <p>1 AI, Create My Grandma's Topos! Visualizing Inaccessible Landscapes through Collective Memory <i>Ermioni Anastasiadi and Odysseas Kontovourkis</i></p> <hr/> <p>2 AI and Foresight for Regenerative Island Futures: The Aegean Pathway to the EU Island Pact 2050 <i>Eleftheria Ftaklaki</i></p> <hr/> <p>3 Artificial Intelligence and Overall Income Distribution: Unexpected Evidence from Chinese Microdata <i>Yue Lv, Guanghua Wan, Junjian Yi, Yue Zhang</i></p> <hr/> <p>4 Unveiling the Potentiality and Systematic Biases of Vision-Language Models in Replicating Human Subjective Perception of Urban Green Space <i>Yuehao Cao, Ximing Yue, Lulu Wang, You Li</i></p>

	<p>5 AI-Empowered Virtual Sensing and Lean Digital Twins for Predictive Building Operations in Urban Regeneration <i>Congyue Zhou, Run Li</i></p> <p>6 Building Explainable Urban AI by Leveraging LLMs: A Multi-layer Framework & Evaluation Metrics <i>Jiatong Li, Anni Hu, Koei Enomoto, Yuan Lai</i></p>
10:30 – 11:45 Room C	<p>Special Session 8. Resilient Built Heritage and Built Environment: Research Perspectives and Governance Responses Session chair: Xinyuan Dang</p> <p>1 Climate-resilient hygrothermal performance and energy transition in historic and existing buildings: insights from Belgium and Ireland <i>Xinyuan Dang</i></p> <p>2 An analytical framework for the vulnerability-resilience transformation in urban-rural fringe areas: based on the perspective of dynamic social-ecosystem interaction <i>Song Jian, Rong Yuefang, Lin Haoxi, Wang Zilin</i></p> <p>3 Urban Thermal Environment and Its Erosive Effects on Historic Districts: A Case Study of Ciqikou, Chongqing, China <i>Song Xuotong</i></p> <p>4 Thermal Environment Regulation and Ventilation Corridor Construction in Shibati, Chongqing, China <i>Wang Ao</i></p> <p>5 The Impact of the Audio-visual Environment in Commercial and Residential Historic Districts on Authenticity and Restorative Quality <i>Jia Jia, Fangfang Liu, Jian Kang, Songfu Liu</i></p> <p>6 The Dynamic Mutuality of Public Space and Civic Culture: A Case Study of Casa Del Prado in Balboa Park <i>Hong Zheng</i></p>
LUNCH 11:45 - 13:00	
13:00 – 14:15 Amphitheater	<p>Special Session 14. Urban Blue and Green Spaces for Health and Well-being Session chair: Ziwen Sun, Haiyun Xu, Longfeng Wu</p> <p>1 Psychological Restoration in Urban Blue-Green Lakeside Spaces: A Comparison of Designed and Urban Wilderness Settings <i>Xiyue Zhang, Yuying Peng, Xinlei Hu, Ziwen Sun</i></p> <p>2 Multi-scale inequities in the wellbeing benefits of eye-level greenery: evidence for enhancing urban liveability in Beijing <i>Weijing Wang, Jiaqi Zhang and Ziwen Sun</i></p> <p>3 Evaluation of the Coupling Effects between Resilience and Health Well-Being at the Township Scale in Metropolitan Fringe Areas from a Social-Ecological System</p>

	<p>Perspective <i>Wang Zilin</i></p> <hr/> <p>4 Revealing youth-perceived cultural ecosystem services for high-density urban green space management: a deep learning spatial analysis of social media photographs from central Beijing <i>Haiyun Xu, Jiaxuan Duan, Mujie Ren, Guohan Zhao, Zhifeng Liu</i></p> <hr/> <p>5 Lighting-Enhanced Memory Continuity of Time-Limited Festival Experiences and Perceptual Changes during Off-Event Revisits in Cultural Districts <i>Boyuan Sheng</i></p>
13:00 – 14:15 Room A	<p>General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability Session chair:</p> <hr/> <p>1 Riverhood along the Eelder- and Peizerdiep Rivers: Towards New Narratives for Entanglements of Nature and Society <i>Casper Klooster</i></p> <hr/> <p>2 Quantifying the heterogeneous propagation and cascading economic footprints of diverse natural hazards on global supply chains <i>Qianzi Wang, Qi Zhou, Shen Qu</i></p> <hr/> <p>3 From Heat Exposure to Heat Justice: An ANN-based framework for mapping urban tree cooling and exposure inequality in a high-density city <i>Siqi Jia, Di Wei, Yifu Ou, Qunshan Zhao</i></p> <hr/> <p>4 Spatiotemporal Dynamics and Drivers of Carbon Flux in Youjiang Karst Watershed by the BEPS and Machine Learning <i>Jingjing Lei</i></p> <hr/> <p>5 Livability and Resilience in a Changing Climate <i>Ezgi Sopaoglu</i></p> <hr/> <p>6 Threshold-mediated urbanization cascades on ecosystem service trade-offs in mountainous cities <i>Li Hui, Xie Bingang</i></p>
13:00 – 14:15 Room B	<p>Special Session 1. AI-Empowered Urban Renewal and Regeneration Session chair: Paolo Vincenzo Genovese, Yafei Zhao, Zhixing Li, Rong Xia, Yunshan Wan, Xiaozhen Li</p> <hr/> <p>1 From Voice to Authority: Making Participatory Choices Auditable with a Divergence-Based Optimization Pipeline for Land Use and Building Layouts <i>Y. Han, X. Zhang</i></p> <hr/> <p>2 From AI-based Architectural Design (AIAD) to Spatial Intelligence in Housing: Reframing Residential Systems in the Age of AI <i>Yafei Zhao, Rong Xia, Zhixing Li, Xuepeng Shi, Yunshan Wan, Xiaozhen Li, Vincenzo Genovese</i></p> <hr/> <p>3 Synthetic Data Generation with Spatial and Semantic Fidelity for Multimodal</p>

	<p>Large Language Model on Architectural Heritage Interpretation <i>Rong Huang, Haichuan Lin, Wei Zeng</i></p>
	<p>4 Generative AI as a Mediatory Tool for Participatory Urban Planning in Riyadh <i>Dania Alarfaj</i></p>
	<p>5 Participatory Planning for Community Renewal: An AI-Empowered VR System and Multimodal Physiological Evaluation Framework <i>Chuyu Hu, Ziwen Sun</i></p>
	<p>6 A Multi-Agent Collaborative Method for Planning Text Generation in Cross-Regional Community Planning <i>Kaiyuan Jiang, Yu Yan*</i></p>
	<p>7 Data-driven performance diagnosis and potential identification of existing industrial land: a case study of Suzhou New District. <i>Yuehuan Shen</i></p>
13:00 – 14:15 Room C	<p><i>Special Session 8. Resilient Built Heritage and Built Environment: Research Perspectives and Governance Responses</i> Session chair: Xinyuan Dang</p>
	<p>1 Segmentation algorithm research and monitoring system construction for mural crack in ancient buildings <i>Shuo Wang, Na Yang</i></p>
	<p>2 Enhanced defect recognition in stone masonry walls at Tibetan heritage in China via GPR image analysis using an improved edge detection framework <i>Dilidaer Dilixiati, Na Yang</i></p>
	<p>3 Load-effect separation of Tibetan heritage timber structures based on an enhanced VMD with GG clustering methodology <i>Bixin Shi, Na Yang</i></p>
	<p>4 The iridescent legacy of northern frontiers: digital reconstruction of palace landscape in the Jin and Yuan capital sites through architectural glazed tiles and urban archaeology <i>Ruoyu Shi, Rui Wen</i></p>
	<p>5 Introducing a Perceptual-Spatial Landscape Planning Model (PSLPM) for Cultural Landscapes' route optimization: The Case of Chengde Mountain Resort <i>Jingsen Lian, Gregory Bracken, Nan Bai, Haoxiang Zhang</i></p>
	<p>6 Dynamic Prediction and Causal Mechanism Analysis of Flood Risk for Cultural Heritage under Climate Change and Urbanization: A Case Study of the Haihe River Basin, China <i>Tianlian Wang, Zhe Li</i></p>
13:00 – 14:15 Room D	<p><i>General Session 4. Planning, Governance and Territorial Integration</i> Session chair:</p>
	<p>1 Mechanism of "Spiral Translation" in Urban Regeneration: A Case study of Nanjing's Old South City, China <i>Yuan Yulong</i></p>

2 Establishment and Practical Exploration of a Safety-Sensitivity Evaluation Framework for Low-Altitude Airspace Oriented to Territorial Spatial Planning
Yijia Chen, Jingyi Zhu, Haijun Bao, Hanying Zhang, Xundi Wang

3 Tracking Participatory Planning Practices for Effective Plan Implementation. A Case of Dar es Salaam City, Tanzania
Aboubakary Kimiro

4 Land Conflicts and Land Governance in Peri-Urban Lubumbashi: A Critical Analysis of Key Conflict-Generating Factors
Guy Masudi Mwana Mulenda, Bonaventure Banza wa Banza, Liesbeth Huybrechts, Regina John, César Khonde, Oswald Devisch

5 From Price to Location: Spatial Allocation of Industrial Land Under Price Floor Constraints in China
Zhiji Huang, Xiaomian Dai

Special Session 13. Transformation of planning education, research, and practice

Session chair: Han Haoying, Shen Guoqiang, Zhang Chun, Yuan Yuan, Chen Na

6 AI-Supported Interactive Learning for Early-Stage Environmental Decision-Making and Urban Livability
Priya Peddigari

7 Evidence-based Governance for a Livable Future: Framework Construction and Logical Analysis of China's Standard for Low-carbon and Green Urban Regeneration Planning and Design
Yang Yu, Tian Chen, Xuejian Xu

BREAK: 14:15 - 14:30

14:30 – 15:45
Amphitheater

14:30 – 15:45
Room A

General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability

Session chair:

1 Tourism resilience evaluation model of traditional villages and its application
Liu Chunla, Xie Binggeng, Li Xiaoqing, Zhou Kaichun, Wang Lei, Zheng Jiancheng

2 Assessing Urban Emergency Spatial Resilience for Enhancing Liveability: A Multi-Source Information Fusion Approach
L. Fei

3 The cooling effect of façade trees on building surface: A numerical simulation case study in Munich
Kun Li, Ameli Böhmer and Ferdinand Ludwig

4 Diffusion Patterns and Causal Process Tracing of the "Heroes by Per-Mu Yield" Policy for Industrial Land: An Analysis Based on the "Tiao-Kuai Structure and Innovation Diffusion" Framework

	<p><i>Wenwen Luo, Jiang Xu</i></p> <hr/> <p>5 Can Domestic Market Integration Reduce Production Emissions? The Role of Within-Firm Product Composition <i>Yue Lu, Minghui Ma, Longfei Gao, Yao Tang</i></p>
14:30 – 15:45 Room B	<p><i>Special Session 10. Urban Blue and Green Spaces for Health and Well-being</i> Session chair: Ziwen Sun, Haiyun Xu, Longfeng Wu</p> <hr/> <p>1 Research on Public Preferences in the Summer Palace Based on Eye Tracking Technology <i>Li Xin, Jiang Xin</i></p> <hr/> <p>2 Multi-model Coupling-Based Simulation of Land Use Change, Carbon Storage Assessment, and Synergistic Development Planning in Mountainous Resource-Based Towns <i>Siyuan Wang</i></p> <hr/> <p>3 Assessment of Neighborhood Green Spaces Using Image-Based Metrics to Link Restorative Potential and Mental Health <i>X. Zhang, E.S. Lin, P.Y. Tan</i></p> <hr/> <p>4 Differential Vulnerability of Urban Vegetation to Drought Under Climate Change: Socioeconomic Drivers and Implications for Heat Mitigation <i>Chunyu Dong, Yu Yan</i></p> <hr/> <p>5 Fine Scale Identification of Ecological Sources and Corridors in Highly Urbanized Areas <i>D. Wu, X. Wang, L. Jia</i></p> <hr/> <p>6 Rethinking urban nature exposure and life expectancy: Evidence from multiple cities, nature types, and exposure pathways <i>Di Wei, Yi Lu, Chao Ren, Maosu Li</i></p>
14:30 – 15:45 Room C	<p><i>Special Session 10. Resilient Built Heritage and Built Environment: Research Perspectives and Governance Responses</i> Session chair: Xinyuan Dang</p> <hr/> <p>1 A Study on the Comprehensive Evaluation Method for the Regional Coordinated Development of Historic and Cultural City in Hubei Province, China <i>Han Zou, Heng Wan</i></p> <hr/> <p>2 An Adaptive Design System for New Rural Open Courtyard Housing in Southwest Shandong Based on Open Building Theory <i>Yang Yu, Xuejian Xu, Tian Chen</i></p> <hr/> <p>3 Environmental Factors and Previous Inappropriate Restoration Techniques (Human Factors): Combined Impact on the Conservation of Lingnan Lime Plaster Mouldings in Chinese Cities <i>Jian Feng, Kin Hong</i></p>

	<p>Special Session 9. Post-Industrial Realities: Digital Twins, Heritage Interpretation, and the Visitor's Imagination Session chair: Sunny Han Han, Florentina-Cristina Merciu</p> <hr/> <p>4 The Economics of Heritage: How Historic Buildings Shape Housing Market and Urban Development in China <i>Xiaofang Dong, Anping, Xia</i></p> <hr/> <p>5 Non-Invasive Documentation Technologies for Romanian Industrial Heritage: Reframing Authenticity, Memory, and Affect in Heritage Interpretation <i>Florentina-Cristina Merciu, Cornel Păunescu, George-Laurențiu Merciu</i></p> <hr/> <p>6 “What if Superheroes come to rescue heritage”. <i>Calliope George</i></p>
<p>14:30 – 15:45 Room D</p>	<p>General Session 2. Emerging Technologies, Smart Systems and Urban Data Analytics Session chair:</p> <hr/> <p>1 Spatial Panel Regression (SPR): Discovering the Temporal Evolution of Spatial Spillovers <i>Zining Wang, Pengyu Zhu</i></p> <hr/> <p>2 Beyond Static Structure: Revealing the Soft Transformation of Buildings in the Intelligence Era <i>Xiaolan Huang, Ying Long</i></p> <hr/> <p>3 Consumption complexity and urban economic growth: evidence from large-scale human activity data <i>Yunhan Zheng, Yuebing Liang, Donghang Li, Dingyi Zhuang, Shenhao Wang, Jinhua Zhao</i></p> <hr/> <p>4 The association of subjective physical disorder and pedestrian volume: A big urban data and machine-learning approach <i>Fangqi Liu, Yi Lu, Qiwei Song, Waishan Qiu, Dongwei Liu</i></p> <hr/> <p>5 From Quantity to Quality: Research on the Vitality Evaluation of Urban Small Public Spaces Based on Computer Vision <i>Yige Jidi, Jingyu Li, Yanchuan Mou</i></p> <hr/> <p>6 A Spatial Construction Framework for Human-Machine Symbiotic Cities <i>Hao Li</i></p> <hr/> <p>7 Reconstructing Urban Hotspots through Multi-Source Data: A Comparative Clustering Analysis of Mobility, Function, and Social Perception in Shenzhen <i>Yuzhou Zhu, Xiaoxi Guo, Liufei Zhu</i></p>
<p>BREAK 15:45 - 16:00</p>	
<p>16:00 – 17:15 Amphitheater</p>	<p>Special Session 2. Building Livable, Healthy, and Happy Cities Session chair: Chun Yin</p> <hr/> <p>1 Near-natural planting to achieve urban vegetation with high resilience and ecological services</p>

	<p><i>Li Dong, Shuxin Fan, Yitong Li</i></p> <hr/> <p>2 Analysis of the dynamic nature of land and housing markets in Kampala – Uganda <i>Emmanuel Akandwanaho, Michelle Nagawa, Judith Atukunda, Astrid Haas</i></p> <hr/> <p>3 Impact of air-conditioning's anthropogenic heat on thermal environments and pollutant dispersion in typical urban street blocks in Hong Kong <i>Guangda Li, Weiheng Liang, Lemei Li, Xing Zheng</i></p> <hr/> <p>4 Social Stratification and Spatial Inequality of Urban Public Charging Resources <i>Guangliang Xi, Jingyi Hou</i></p> <hr/> <p>5 Growing together: how urban green spaces enhance social participants and alleviate loneliness in older adults <i>Yiyi Chen, Chun Yin , Yuyao Ye</i></p> <hr/> <p>6 Cool Route Planning: Mitigating Heat Exposure for Outdoor Workers via a Physics-Informed Deep Learning Strategy <i>Jiyun Song, Qingfeng Zhang</i></p> <hr/> <p>7 Unraveling resilience of urban food-energy-water security under the changing environment. Xinqing Li, Xin Xiong, Xingwang Liu, Lixiao Zhang, Yan Hao, Huiying He, And Yuanhao Li</p>
16:00 – 17:15 Room A	<p>General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability Session chair:</p> <hr/> <p>1 Household Resilience to Drought Shocks and Adaptation Strategies: Evidence from Pastoral Areas of China <i>Jizhe Wang, Tengda Gong, Liesbeth Dries, Xiaohua Yu, David Wupper, Min Liu</i></p> <hr/> <p>2 The Cost of Avian Biodiversity Loss: The Impact of Photovoltaic Power Plants on Grain Yields <i>Yihan Huo, Zhiwen Xie, Min Liu</i></p> <hr/> <p>3 Shifting 400-mm Isohyet: Agricultural Structural Adjustment and Regional Ecological Challenges <i>Zhiwen Xie, Yihan Huo, Min Liu</i></p> <hr/> <p>4 Evaluating Ecological Carbon Sinks and Simulating 2035 Enhancement Potentials in Beijing, China <i>Qiwen Cao, Rong Cong, Shanshan Ning, Aman Zhang, Xiaoran Xie, Dan Zhao, Xiaochun Huang</i></p> <hr/> <p>5 Intersecting Crises and Rural Change: Lessons from the island of Aegina, Greece <i>Karina Benessaiah</i></p> <hr/> <p>6 Long-term 30-m summer daytime LST reconstruction and 2030 projection via harmonized MODIS-Landsat learning with physics-guided ensembles</p>

	<i>Ao Wang</i>
16:00 – 17:15 Room B	<p>General Session 2. Emerging Technologies, Smart Systems and Urban Data Analytics</p> <p>Session chair:</p> <p>1 Exploring the Impacts of Visual Characteristics in Protected Areas on Amusement and Awe Using Large Language Models: A Cultural Ecosystem Service Perspective <i>Lin Qiao, Bin Jiang</i></p> <p>2 The potential uptake and climate impacts of hydrogen-fuel-cell vehicles in Beijing <i>Ying Zhang, Xingjun Huang, Junbei Liu, Chengxiang Zhuge</i></p> <p>3 A Generative AI-Driven Framework for Intelligent Interpretation and Query of Landscape Standards <i>Bingbing Ni, Jing Zhao</i></p> <p>4 How do Public Procurement Types and Sourcing Strategies Shape Urban Technological Diversification? Evidence from China <i>Yuqi Ma, Zhaoyingzi Dong, Pierre-Alexandre Balland</i></p> <p>5 Assessing the Dynamic Impacts of Remote Work in New York City <i>Songzi Zhou, Junbei Liu, Ying Zhang, Yilan Bu, Xingjun Huang, Chengxiang Zhuge</i></p> <p>6 From tool to data: understanding urban perception of 336 Chinese Cities using LLM-generated pictures <i>Hongzeng Zhang, Jiayu Pan, Weiwen Zhang, Yongping Zhang</i></p>
16:00 – 17:15 Room C	<p>General Session 4. Planning, Governance and Territorial Integration</p> <p>Session chair:</p> <p>1 Synergy of conservation and compensation pilot policies enhances biodiversity in Chinese cities <i>H. Sheng, W. Hu, C. He</i></p> <p>2 Negotiating Authorised Autonomy: NGOs and the Governance of Small Urban Green Spaces in Chinese Cities <i>Xian Wu</i></p> <p>3 Evaluation and influencing factors of green transformation in three major urban agglomerations in China <i>Zhihan Lin, Xueguang Ma Zhou</i></p> <p>4 Vulnerability-resilience evolution and response of urban fringe from the perspective of social-ecological systems: key concepts, basic frameworks, and planning responses <i>Song Jian, Rong Yuefang, Lin Haoxi, Wang Zilin</i></p> <p>5 Landscape Ecological Health Diagnosis and Planning Responses for Tropical Rainforest National Park Based on Multi-source Data and Intelligent Analytics</p>

	<p><i>Qing Zhang, Ling Zhu, Hui Fu</i></p> <hr/> <p>6 The exploration of current policy situations of gentrification in cities in the Yangtze River Delta, China and relating perspectives from Chinese and foreign people <i>Yifan Song, Maria Neisch, Nicholas Phelps</i></p> <hr/> <p>7 Research on the Path and Renewal Strategy of Urban Physical Examination at the County Level: A Case Study of Balin Left Banner, Inner Mongolia. <i>Yalin Zhang, Jing Li, Jianhua Zhu, Hongjia Zhang</i></p>
16:00 – 17:15 Room D	<p>General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability Session chair:</p> <hr/> <p>1 Retrieving Climate Change Adaptation Concepts from World Heritage Management Documents using document embedding <i>Nan Bai, Ziao Wang, Tian Xia</i></p> <hr/> <p>2 Two-speed plateau - The case of fertile soil <i>Maria Papadakaki</i></p> <hr/> <p>3 Long-term heatwave exposure and accelerated biological ageing: Findings from a longitudinal cohort study <i>Siyi Chen, Yuanyuan Yi, Cui Guo</i></p> <hr/> <p>4 Olive Oil, Destination Image, and Tourism Development: Quantitative Analysis of Visitor Perceptions in Mani, Greece <i>A. Korina Christina, B. Anna, C. Maria, P. Doumi</i></p> <hr/> <p>5 An Adaptive Design System for New Rural Open Courtyard Housing in Southwest Shandong Based on Open Building Theory <i>Yang Yu, Xuejian Xu, Tian Chen</i></p> <hr/> <p>6 Climate impacts on ornamental tree phenology across Chinese cities revealed by user-generated content: Big-data-empowered urban ecology research <i>X. Xing, Z. Wang</i></p> <hr/> <p>7 Multilevel Governance for Climate Neutrality and Just Transition in Vulnerable Urban Districts: The Case of Thessaloniki’s Western City Centre <i>Paraskevi Tarani</i></p> <hr/> <p>8 Spatiotemporal analysis of long-term satellite images for fire detection and impact on land cover <i>E. Alexoudaki, G. K. Vasios</i></p>
BREAK 17:15 - 17:30	
17:30 – 18:45 Amphitheat	<p>Special Session 2. Building Livable, Healthy, and Happy Cities Session chair: Chun Yin</p> <hr/> <p>1 Urban green space irrigation: tradeoffs between water consumption and</p>

er	<p>building energy saving <i>Jinhao Zhang, Jiyun Song</i></p> <hr/> <p>2 An Analytical Framework on the Impact of the Food Environment on Obesity: A Spatiotemporal Behavior-Based Perspective <i>Chun Yin</i></p> <hr/> <p>3 Examining the potential pathway linking urban green spaces to health: the crucial role of actual and perceived plant diversity <i>Ruobing Wang, Chundi Chen</i></p> <hr/> <p>4 Unveiling the density, diversity and regional richness of urban plants of interest through the lens of crowdsourced data <i>Miaoxi Zhao, Tao Mei, Haiyan Lu</i></p> <hr/> <p>5 Socio-spatial attributes of hutong street edges and everyday activities: a comparative study of three hutongs in Beijing <i>Jie Xiong, Nan Guo, Ziwen Sun</i></p> <hr/> <p>6 Mapping hot routes and perceived landscape values of “city walk” in Beijing’s historical neighbourhoods in the social media era <i>Haiyun Xu, Yuan Zhou, Jiaxuan Duan, Ziwen Sun</i></p> <hr/> <p>7 Dynamic Evolution and Driving Factors of Housing Prices in the Capital Metropolitan Area <i>Chengdong Yi, Jiali Yuan, Liang Zheng, Zhengde Fan</i></p>
17:30 – 18:45 Room A	<p>General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability Session chair:</p> <hr/> <p>1 LLM-Based Regression with Cross-Scale Consistency for 10 m Urban LST from MODIS and Sentinel-2 <i>Xuetong Song</i></p> <hr/> <p>2 Approaching Strategic Urban Carbon Mitigation Plans <i>Stamatis Zoras, Ioanna Thoma, Athina Kantzioura, Argyro Dimoudi</i></p> <hr/> <p>3 Polycrisis and Socio-Ecological Change on Aegina, Greece: Rural-Urban Transformation, Overtourism, and Sustainable Futures. <i>C. Sondrup</i></p> <hr/> <p>4 Digital Leapfrog: How Mobile Internet Drives Inclusive Residential Energy Transition in Rural China <i>Tong Feng, Yongze Wu</i></p> <hr/> <p>5 Researching Cities in Crisis: Ethical and Methodological Reflections Grounded in Research Experiences in Contemporary Beirut <i>F. Ryba</i></p> <hr/> <p>6 The Role of Equitable Green Infrastructure in Enhancing Climate Resilience in Nairobi, Kenya</p>

	<i>Moses Kandu, Moses Kyeba</i>
17:30 – 18:45 Room B	<p>General Session 2. Emerging Technologies, Smart Systems and Urban Data Analytics</p> <p>Session chair:</p> <p>1 The Establishment of Big Data Bureau and Urban Economic Resilience: Evidence from China <i>Rong Ran, Hongfeng Liu</i></p> <p>2 When Bureaucrats Go Digital: How AI Chatbots Shape Citizens’ Administrative Burden in Public Service Delivery <i>Shufan Yang, Lingyi Zhou</i></p> <p>3 Fine-grained Path Planning for UAV Bridge Inspection Based on Point Cloud Semantic Segmentation and Skeleton Guidance <i>Han Li, Zhuangzhuang Guo, Haigang Sui, Li Hua, Qiming Zhou</i></p> <p>4 ThermalGPT: A Spatially-Aware Large Language Model for Hyperlocal Urban Thermal Comfort Prediction <i>Qingfeng Zhang, Jiyun Song</i></p> <p>5 Mapping Perceived Walkability Across Day and Night: A City-Scale Framework Using Street-Level Imagery <i>Zixuan Hu, Huanfa Chen, Mengqiu Cao</i></p> <p>6 Investigating Vehicle-to-Grid Contract Choice: A Spatial Agent-based Modelling Approach <i>Junbei Liu A, Chuyu Zhang A, Chengxiang Zhuge A, Justin Hayse Chiwing G. Tang</i></p> <p>7 Study on Quality Improvement of Non-Motorized Travel Environment Based on Self-Collected Street View Data and Deep Learning Methods—A Case Study of Changsha City <i>Ye Ziyun, Zhu Jiawei, Wang Jiachuan, Ren Yaming</i></p>
17:30 – 18:45 Room C	<p>General Session 4. Planning, Governance and Territorial Integration</p> <p>Session chair:</p> <p>1 Urban Industrial Space Renewal and Precise Governance Based on "Historical Gene-Potential Cost" Evaluation: A Case Study of Changsha <i>Zhengxi Mo, Yao Zhao, Qiang Ye, Bin Hong</i></p> <p>2 Scenario reshaping in industrial heritage regeneration: Planning for cultural and creative industries in a Chinese manufacturing <i>Jie Guo, Sun Yat-sen</i></p> <p>3 Education-led gentrification in cross-border communities between Hong Kong and Shenzhen: The politics of anxiety, infrastructure and citizenship <i>Ziyuan Li, Qiong He</i></p> <p>4 Incentive and Constraint in Coordination: How Energy Efficiency Credit and Environmental Tax Reshape Corporate Green Innovation Motivation <i>Qi Dai, Jianliang Ye</i></p>

	<p>5 Co-producing Rural Knowledge: An AI-assisted Framework for Participatory Planning in Data-scarce Contexts <i>L. Chen, W. Xu, M. Pan, Y. Huang, Y. Long, X. Li</i></p> <p>6 Truly Smart Cities in Greece: A case for Karystos <i>Marianna Cavada</i></p>
<p>17:30 – 18:45 Room D</p>	<p>Special Session 4. From Ruins to Routes: Intelligent & Immersive Design in Historical Contexts Session chair: Yang Liang, Nan Bai</p> <p>1 Social impacts of six cultural heritage development under Thirteenth Five-Year Plan: analysis and policy implications <i>Tongyun Du</i></p> <p>2 Beyond Walkability Metrics: A Review of Pedestrian Experience, Spatial Practice, and AR-Mediated Pedestrian Movement <i>Sihao Wu</i></p> <p>3 Activating emotional attachment to port city heritage through virtual reality: the Amsterdam canal ring as a case study <i>Gong Zhang, Shuyu, Zhang</i></p> <p>Special Session 6. From Ruins to Routes: Intelligent & Immersive Design in Historical Contexts Session chair: Yang Liang, Nan Bai</p> <p>4 Exploring the Integration of AI-Assisted Streetscape Optimization and WebAR in Street Space Design <i>Yang Liang</i></p> <p>5 HEVA: A Textual Heritage Value Dataset for Multi-label Heritage Value Classification <i>Yan Zhou, Nan Bai, Jingze Yin, Jose Urra Llanusa, Lavinia Marin, Ana Pereira Roders</i></p> <p>6 The Syrmata of Milos – Minimal Dwelling as a Tool for Participatory Design <i>M. Gatoudi-Malindretou</i></p>
End of the Day	
FORMAL DINNER 8:00pm	

03 July 2026

CONFERENCE START

8:30 – 9:45 Amphitheater	<p>Special Session 6. Greenhouse Gas Emissions of Cities Session chair: Xinlu Sun, Andrew Sudmant, Zhifu Mi</p> <hr/> <p>1 Household energy adaptation to climate change: behaviours, drivers and a conceptual framework <i>Lu Jjang, Jinrou Li, Minsi Liu</i></p> <hr/> <p>2 Impact of precipitation intensity on urban traffic carbon emissions: a multi-source data and agent-based modeling approach <i>Xiaowei. Zhao, Yang. Liu</i></p> <hr/> <p>3 From Waste to Climate Gains: Uncovering Decarbonization Benefits of Municipal Solid Waste Recovery <i>Y. Ou, L. Mora, A. Manzardo, M. Lanau, N. Zhang, Z. Bao</i></p> <hr/> <p>4 Decarbonizing Urban Data Centers with Small Modular Reactors: Implications for City-Level Greenhouse Gas Emissions <i>Jiongyu Jin</i></p> <hr/> <p>5 Integrated Carbon Cost of Megacity Expansion in China: Multi-Scenario Simulation of Carbon Debt and Carbon Emissions <i>Wenting Zhang, Yulun Wu</i></p> <hr/> <p>6 The nexus between poverty reduction and carbon emissions: Insights from Hubei, China during the Targeted Poverty Alleviation Period <i>Mengxiao Liu, Yong Ge</i></p>
8:30 – 9:45 Room A	<p>General Session 5. Liveability, Health, Inclusion and Social Equity in Urban and Rural Settings Session chair:</p> <hr/> <p>1 Regional gap in health adaptation to PM2.5 in ageing China <i>Shiyu Deng, Yang Zhao, Longwu Liang, Zhifu Mi</i></p> <hr/> <p>2 Who benefits and who is left behind? Online shopping and socio-spatial differentiation in space-time flexibility <i>Rui Shao</i></p> <hr/> <p>3 Urban Informal Public Space Renewal Strategies Based on Space-Behavior. <i>Yalin Zhang, Jing Li, Yajing Lei</i></p> <hr/> <p>4 Urban Availability and Accessibility of Community Activity Spaces and Children’s Mobility Patterns: Evidence from Large-Scale Smartwatch-Based Signaling Data <i>Qian-Wen Xie, Li Fan, Xiaoliang Wang, Xinru Peng, Yongping Zhang, Weiwen Zhang</i></p> <hr/> <p>5 Divergent livelihood demands drive non-linear livability perceptions in the Third Pole</p>

	<p><i>Yue Yin, Yufan Chen, Kan Zhou</i></p> <hr/> <p>6 Bridging The Gap: A Cross-scale Nested LCA Framework for Rural Governance in Complex Mountainous Regions, Case Study of Enshi, China <i>Yawei Zhang, Yucong Zheng</i></p>
8:30 – 9:45 Room B	<p>General Session 3. Mobility, Accessibility and Transport Behaviour Session chair:</p> <hr/> <p>1 A Study on Public Transportation Travel Expectations Based on Subjective Perceptions: A Case Study of University Students in Wuhan, China <i>Yehao Liu, Haojie Chen, Xu Zhou, Pengyu Chen, Keyu Yao, Ran Peng</i></p> <hr/> <p>2 Evaluating the Digital Divide in Public Transport Services: A Natural Language Processing Analysis of User Experiences in Birmingham <i>Huafeng Lu, Lei Zhang, Silvia Gullino, Miguel Hincapié Triviño</i></p> <hr/> <p>3 Uncovering Spatial Attractiveness of Cycling: A Gravity-Based Index and Its Environmental Determinants — Empirical Evidence from Bike-sharing in Shanghai, China <i>Kaichen Zhou</i></p> <hr/> <p>4 Beyond Fixed Thresholds: Delineating X-Minute Cyclable Neighborhoods from Actual Cycling Flows to Map Social Inequality <i>H. Cai, S. Su, Q. Li, X. Chen</i></p> <hr/> <p>5 From External Shocks to Behavioral Shifts: Exploring Mediating Mechanisms of Dining and Shopping Changes with Structural Equation Modelling <i>Zhizhao Li, Yuqing Guo, Jeffrey Chow, Kira Matus, Pengyu Zhu</i></p> <hr/> <p>6 Linking Human Activities to the U.S. Public Electric Vehicle Charging Accessibility: A Temporal Perspective <i>Ruichen Ma, Chengxiang Zhuge</i></p>
8:30 – 9:45 Room C	<p>Special Session 8. Greenhouse Gas Emissions of Cities Session chair: Xinlu Sun, Andrew Sudmant, Zhifu Mi</p> <hr/> <p>1 Non-linear Thresholds and Spatial Heterogeneity of Habitat Quality Responses to Land Surface Temperature in the YRD, China <i>A. Zhang, Ting, B. Wang, Lie, C. Li, Lingyue</i></p> <hr/> <p>2 Unraveling Urban Environmental Asymmetry: Divergent Pathways of PM2.5 and CO₂ Shaped by Urban Form in Agglomerations <i>Yixuan Wang, Yingzhi Lu, Gaoyuan Wang, Tian Chen</i></p> <hr/> <p>3 Unveiling Decarbonization Pathways for Built Environment through LLM-informed Prospective Life Cycle Assessment (pLCA) <i>Xiaoyi Liu, Zhongnan Ye, Shu-Chien Hsu</i></p> <hr/> <p>4 Spatiotemporal changes in inter-city sustainability impacts linked to emission challenges worldwide <i>Huijuan Xiao, Cheolhee Yoo, Qihao Weng, Sheng Bao, Song Xue, Cameron Allen, Jingzheng Ren, Jian Zhou, Zhenci Xu, Mengqian Lu, Jianguo Liu</i></p>

	<p>5 Using crowdsourced data to estimate the carbon footprints of global cities <i>Xinlu Sun, Zhifu Mi, Andrew Sudmant, D'Maris Coffman, Pu Yang, Richard Wood</i></p> <p>6 The role of polycentric urban structures in shaping low-carbon lifestyles <i>Fenjie Long, Jianing Liu, Lei Chen, Longfei Zheng, Zhifu Mi</i></p> <p>7 Special Session 8. Greenhouse Gas Emissions of Cities The K-line Method: An Empirical Approach to Change Point Detection and Its Application in Climate Time Series Analysis <i>Xinjian Xie, Shuting Xu, Rong Ke</i></p>
BREAK 9:45 - 10:00	
10:00 - 11:10	<p>Intermediate keynote Speech George Tsilimigkas <i>Spatial planning framework: Challenges and implementation issues</i></p> <p>Professor Pietro Elisei <i>From Liveability to Operability: Making Urban Transitions Work</i></p>
11:10 - 12:30 Amphitheater	<p><i>Special Session 3. Coastal, and Insular Cities and Peri-urban Areas Landscape: Planning Theory and Practice</i> Session chair: Tsilimigkas Georgios, Kizos Thanasis, Derdemezi Evangelia-Theodora</p> <p>1 Urban Development Intensity in Coastal and Insular Medium-Sized Greek Functional Urban Areas (2006-2018) <i>Efstratia (Efi) Chatzi, Tsachpini Maria, Lalou Eleni</i></p> <p>2 Horizontal and Vertical Urban Development A comparative analysis of Medium-Sized Greek Coastal Cities <i>Efstratia (Efi) Chatzi, Evangelia-Theodora Derdemezi, Tsilimigkas, Georgios</i></p> <p>3 Spatio-temporal analysis of land cover change and structural characteristics in the Athens Functional Urban Area (2006-2018) <i>Evangelia-Theodora Derdemezi, Sofia Zafeirelli, Anna Spyropoulou</i></p> <p>4 Land cover/Land use change detection in Medium-Sized Coastal Greek Functional Urban Areas. A spatiotemporal analysis (2006-2018) <i>Zafeirelli Sofia, Anastasiadou Anna-Sonia, Gourgiotis Anestis</i></p> <p>5 Housing Policies in France and Greece: Convergences - Divergences since '1980s. <i>O.I. Gkouliaras, G. Tsilimigkas</i></p> <p>6 A Mixed-Methods Scoping Review of Social-Ecological Island Development Research: Toward the Big Picture and Broader Significance <i>Bingbing Zhou, Xiao Chen, Liangzhixing Liu, Ligang Lv</i></p>
11:10 - 12:30 Room A	<p><i>General Session 5. Liveability, Health, Inclusion and Social Equity in Urban and Rural Settings</i> Session chair:</p> <p>1 Income-stratified choices and the dynamics of social mixing in urban retail</p>

	<p>environments: Evidence from 4 million residents' revealed preferences <i>Chaofan Wang, Wenbin Jiang, Yang Zhou, Lingkun Meng, Wenzhou Liu, Xin Zhang, Tianren Yang †, Fengqing Li †</i></p> <p>2 Documentary as a Critical Tool for Challenging the Overexploitation of Thermal Baths <i>Efrossyni Tsakiri</i></p> <p>3 The Relationship Between Perceived Urban Form and Social Sustainability at the Neighborhood Scale <i>K. Gemma</i></p> <p>4 Mapping Spatial Inclusion in Smart and Conventional Neighborhood Renewal: Participation and Power Across Governance Regimes <i>Anni Hu, Jiatong Li, Yuan Lai</i></p> <p>5 From Negative-Sum Games to Collaborative Governance: Public Benefits Governance in Residential Communities from a Public Goods Perspective <i>Yiran Zhang, Yu Tao</i></p> <p>6 Water and compensation balance in the resettlement of water conservation villages: Paotong village, Chengdu, China <i>Chen Gao, Ir. Gregory Bracke, Tanja Herdt,</i></p>
11:10 – 12:30 Room B	<p>General Session 3. Mobility, Accessibility and Transport Behaviour Session chair:</p> <p>1 New Campuses, New Arrivals: The effect of University Expansion on Migration Choice <i>Ye Xiao, Wei Ha</i></p> <p>2 The Impact of Advanced Traveler Information Systems on Space-Time Flexibility of Shopping Travel: Evidence from Chengdu, China <i>Rui Shao</i></p> <p>3 Revealing how walkability is experienced across urban forms <i>Yitao Yang</i></p> <p>4 Planning electric ferry fleet and charging infrastructure considering economic-environmental trade-offs <i>A. Luyun Zhao, B. Zhan Zhao</i></p> <p>5 Multi-Modal Embeddings of Urban Function Between Adjacent Metro Stations: A case study in Hong Kong <i>Yunting Miao, Xintian Liu, Jiali Zhou, Jiangping Zhou</i></p> <p>6 Uncovering time-dependent accessibility inequality in disruption-prone public transport systems <i>Menglei Guo</i></p>
11:10 – 12:30	<p>Special Session 15. Urban Spatial Planning, Environmental Design, and Population Health Session chair: Puyue Gong</p>

Room C	1 Assessment of green roof cooling performance and operational carbon potential based on roof cooling unit <i>Xin Dong, Baojie He</i>
	2 Urban Active Mobility System Planning for Thermal Resilience: Framework Development, Efficiency Evaluation, and Path Design <i>Ke Xiong, Dang-Shen Yang, Can-Lin Tai, Bao-Jie He</i>
	3 Understanding the Spatial Structure of Healthcare Networks from a Multilayer Network Perspective: Concepts, Components, Characteristics, and Key Issues <i>T. Han, W. Zhao, L. Zhang, Q. Ouyang, Y. Xie</i>
	4 Consumer Service Facilities in the 15-Minute Community and Metabolic Syndrome: Evidence from Urumqi, China <i>Puyue Gong, Hongze Liu, Yongping Zhang, Shuya Zhang, Qichao Ban, Jiming Zhu</i>
	5 Assessing multiscale ecosystem sustainability coordination and underlying driving mechanisms in megacity clusters of the Yangtze River Economic Belt under a water-energy nexus perspective <i>Zhe Zhang, Chundi Chen, Wei Feng-a, Ruobing Wang</i>
	6 Multi-scale modeling of Renewable Energy Communities in Wallonia: Impact of building and architectural typologies on community energy performance <i>Chadi Mahfoud</i>

LUNCH: 12:30 - 13:30

13:30 – 14:45 Amphitheater	<i>Special Session 3. Coastal, and Insular Cities and Peri-urban Areas Landscape: Planning Theory and Practice</i> Session chair: Tsilimigkas Georgios, Kizos Thanasis, Derdemezi Evangelia-Theodora
	1 Towards a Sustainable Governance Framework for the Urban and Coastal Ecosystems of Mediterranean Cities <i>Anastasia Ntoumi, Vasilis Angelis, Maria Doumi, Konstadinos Kutsikos</i>
	2 Land-Sea Interactions and marine Transport-Driven Landscape Transformations in Medium-Sized Coastal and Insular Cities in Greece <i>A. Spyropoulou, E. Derdemezi, G. Tsilimigkas</i>
	3 Planning Gaps and Spatial Outcomes: Protection-Led Regulation in Insular Areas <i>E. Lalou, E. Chatzi, G. Tsilimigkas</i>
	4 Mapping multiple stakeholder-perceived cultural ecosystem services in coastal landscapes along the Maritime Silk Road <i>Weiwen You, Haiyun Xu, Mujie Ren, Jiaxuan Duan, Rouran Zhang, Thanasis Kizos</i>
	5 Adaptive Subsidy Design for Fisheries Carbon Sinks in Coastal Regions <i>Hua Shang, Yanyan Guo</i>
6 Global cooling inequality under climate warming through 2100 <i>Longwu Liang, Mingxing Chen, Xiaochun Li, Xiaoping Zhang, Tao Ma, D'Maris Coffman, Huiping Jiang, Liangkan Chen, Mengyao Han, Wenbin Zhang, Dapeng</i>	

	<p><i>Huang, Zhifu Mi</i></p> <hr/> <p>7 Density and Spatial Distribution of Urban Fabric in Medium-Sized Greek Functional Urban Areas <i>Spyropoulos Ioannis, Derdemezi Evangelia - Theodora</i></p>
13:30 – 14:45 Room A	<p>General Session 5. Liveability, Health, Inclusion and Social Equity in Urban and Rural Settings</p> <p>Session chair:</p> <hr/> <p>1 Empowering Rural Livability through Sports Events: A Planning Study in Xinxu Town, Guangdong, China <i>Peiqian Zhong</i></p> <hr/> <p>2 Examining the relationship between socio-spatial attributes and activity engagement at street edges in Chinese urban villages <i>Jie Xiong, Ziwen Sun</i></p> <hr/> <p>3 How Rural Built Environment Characteristics Shape Carbon Emissions: The Mediating Role of Resident Behavior <i>Xu Xuejian, Yang Wei, Yu Yang</i></p> <hr/> <p>4 Everyday liveability under Incremental urban change: block-scale public space conditions in a Global South megacity <i>Monojit Chakma, Paul Donehue, Mirko Guaralda, Severine Mayere</i></p> <hr/> <p>5 Comprehensively mapping urban justice: comparative study on Hong Kong and Tokyo <i>Liang Dong, Xuepeng Qian</i></p> <hr/> <p>6 Participatory Urban Market Renewal: Exploring Stakeholders' Role and Multi-Dynamics in the Spatial Production of Panjiayuan Market <i>B. Han, Y. D. Han</i></p>
13:30 – 14:45 Room B	<p>General Session 3. Mobility, Accessibility and Transport Behaviour</p> <p>Session chair:</p> <hr/> <p>1 Conceptual evolution of proximity-based urban planning <i>Aikaterini Taka, Dimitris Kavroudakis</i></p> <hr/> <p>2 One Metro System, Two Usage Patterns: A Comparison of Built Environment and Accessibility Effects on Older Adults and Persons with Disabilities <i>Xintian Liu, Yunting Miao, Jiali Zhou, Jjiangping Zhou</i></p> <hr/> <p>3 Universal topological characteristics and core-periphery structure of individual human mobility <i>Yuhang Liu, Dehua Peng, Zhipeng Gui, Qianxi Lan, Linya Peng, Huayi Wu</i></p> <hr/> <p>4 Investigating the linkages between the resilience of multimodal urban transport networks and local economic connectivity: The role of low-altitude transport <i>Xing Gao, Ying Zhang, Emmanouil Chaniotakis, Mengqiu Cao</i></p>

	<p>5 Multi-Objective Site Selection for UAV Delivery Vvertiports Integrating Instant E-commerce Front-end Warehouses <i>Jiaqi Liu, Yiyang Li, Zuopeng Xiao</i></p>
<p>13:30 – 14:45 Room C</p>	<p>Special Session 9. The Development Nexus Between Transportation and Urban Space Session chair: Sanwei He, Lei Wang, Wenting Zhang</p> <hr/> <p>1 Who is expected to benefit from the Elizabeth line? Anticipatory retail uplift, spatial inequality and transit-oriented urban liveability in London <i>Juelin Liu</i></p> <hr/> <p>2 Does Long Commuting Time Reduce the Fertility Intentions ? — Evidence from China <i>Yue Wang, Tingyu Han, Qiaoqiao Huang</i></p> <hr/> <p>3 The impact of high-speed rail on high-end service industry development: Evidence from the Yangtze River Delta, China <i>Sanwei He, Guangke Zhang</i></p> <hr/> <p>4 The Impact of the E-commerce in Rural Areas Comprehensive Demonstration Project on the Resilience of County-Level Economic Development in China: Based on a Phased Difference Perspective <i>Zhao Yingzhi, Wu Baoling</i></p> <hr/> <p>5 High-Speed Rail Station’s Magnetic Pull: Reshaping Urban Expansion Directions in China <i>Minghang Yu, Jiatong Zhou, Xuewen Li, Wu Xiao</i></p> <hr/> <p>6 Sustainable Operational Practices as a Coordination Mechanism between Container Port Development and Urban Space <i>E.C. Chatzianagnostou, K.A. Chrysafis</i></p>
BREAK 14:45 - 15:00	
<p>15:00 – 16:15 Amphitheater</p>	<p>Special Session 12. The Development Nexus Between Transportation and Urban Space Session chair: Sanwei He, Lei Wang, Wenting Zhang</p> <hr/> <p>1 Research on China's Intercity Population Flow Network and its Resilience based on Multimodal Spatio-temporal Models. <i>Jinghu Pan</i></p> <hr/> <p>2 The Proximity-Accessibility Paradox: Characteristics, Mechanisms, and Spatial Heterogeneity of Metro Station Cluster Shadow Zones in the Urban-Rural Transition Zone. <i>Ranran Ding</i></p> <hr/> <p>3 A multi-scale framework for analyzing and modeling China’s intercity high-speed rail networks. <i>Liang Dai, Zijun Ding, And Frank Witlox</i></p> <hr/> <p>General Session</p>

	<p>4 Effects of Vertical Vegetation Structure on Psychological Restoration and Physiological Responses in Forest Community. Hui Lia, Yin Zhu, Aibo Jina and Weiyue Duana</p> <p>5 Intangible Cultural Heritage as a Catalyst for Urban Liveability: A Case Study of “Only Red Mansion Dream” in Langfang. <i>Senmeng Hao, Taoling Li and Chunhui Zhang</i></p> <p>6 Identification and Reflection on the Effects of the “Internet Celebrity” Phenomenon in the Renewal of Historic Districts <i>A. Shuai Wang, B. Miao Xu</i></p> <p>7 How Digitally-mediated Interactions Influence the Psychological Foundations of Civic Engagement: Evidence from Urban Water Governance in China <i>Jingjing Cai</i></p>
15:00 – 16:15 Room A	<p>General Session 5. Liveability, Health, Inclusion and Social Equity in Urban and Rural Settings Session chair:</p> <p>1 Greening the Shrinking City in China: The Effects of Environmental Tournaments on Urban Green Space Provision and Accessibility <i>Kang Wu, Lihua Wang</i></p> <p>Special Session 5. Designing Heat-Resilient Cities Session chair: Siqi Jia, Yifu Ou, Qunshan Zhao, Di Wei, Xudong Zhang</p> <p>2 Shade for Whom, When, and Where? Demographic Inequities and Supply-Demand Mismatch in Diurnal Shelter Shade Across Singapore <i>J. Wang, S. Jia</i></p> <p>3 Living with Climate: Vernaculars Bioclimatic Practices and Heat Resilience in Mediterranean Settlements <i>Anastasia Floraki</i></p> <p>4 Research on urban residential block spatial morphology based on outdoor thermal comfort: a case study of Jinan <i>Xiaoyi Song, Qingjuan Yang, Ziqi Lin</i></p> <p>5 Disentangling Linear and Nonlinear Drivers of Urban Heat in Sub-Saharan Africa: An XGBoost-SHAP Analysis of Nairobi and Lagos <i>Liangyu Xian, Maoran Sun</i></p>
15:00 – 16:15 Room B	<p>General Session 3. Mobility, Accessibility and Transport Behaviour Session chair:</p> <p>1 Digital Gates, Mobile Fates: Empowerment and Exclusion Among China’s Drifting Older Adults <i>Enyu Chang; Qiyang Liu; Min Zhang; Rui Ma</i></p> <p>2 The impact of smartphone-based ICT on older adults' travel behavior: evidence from interviews <i>Hu Wenhao, Hu Yang, Ge Yifu, Zhai Guofang</i></p>

	<p>3 Identifying Heritage Trails for Holistic Tourism Development and Integrated Urban-Rural Development on Hainan Island, China <i>Xinyi Zhan, Shuling Li</i></p>
	<p>4 AI Powered Urban Transport Design: Strategic Functionality In the city of Geneva <i>Dimitrios Kotoulas</i></p>
	<p>5 Transport Poverty and Ride-hailing Services: An Empirical Analysis Based on a Nationwide Survey <i>Kunbo Shi, Hongchang Li, Binyan Wang, Junxi Qu, Tianren Yang</i></p>
	<p>6 Reexamining Exposure from Truck Emissions Considering Daily Movement of Individuals <i>Quan Yuan, Tong Xiao, Yougeng Lu</i></p>
15:00 – 16:15 Room C	<p>Special Session 12. The Development Nexus Between Transportation and Urban Space Session chair: Sanwei He, Lei Wang, Wenting Zhang</p>
	<p>1 Stitching Fragments via "Super Link": Spatial Practice of the International Bridge (1927) and Contemporary Implications <i>Fu Yuxuan, Wang Ruoran, Aoki Nobuo</i></p>
	<p>2 Prioritizing Urban Transportation Hubs to Enhance Resilience under Conditions of Uncertainty and Crisis <i>K.A. Chrysafis, G.C. Papadopoulou, S. Kapros</i></p>
	<p>Special Session 7. Geographic Information Systems: The Operating System of Smart Cities Session chair: Fu Ren, Rui Zhu, Lina Huang, Chen Zhang</p>
	<p>3 Smart City Knowledge Framework: Concepts, Content, and Prospects Fu Ren, Haoying Han, Yiwei Shi, Liwei Yao, Yuhang Chen, Jiangtao Liu</p>
	<p>4 Urban Vitality from the Perspective of Information Space: A Measurement and Prediction Model Based on Multisource Data <i>Tingting Xu</i></p>
	<p>5 Landslide Hazard Identification and Deformation Prediction Using SBAS-InSAR and Deep Learning Models <i>Xueling Wu, Lei Liu, Ruiqing Niu</i></p>
	<p>6 AI-driven urban tree health monitoring technology and tool in Shanghai <i>Guohua Hu, Tianyang Song, Xing Meng, Benyao Wang, Xia Li</i></p>
	<p>7 Enhancing Urban Liveability through GIS: Evaluating Evacuation Routes and Accessibility under Emergency Conditions. Olga Roussou, Kavroudakis Dimitris and Maria-Kallisti Skarveli</p>
	<p>8 The changes of supply-demand of ecosystem services and ecological compensation in Arid Inland City Area, Northwest China. <i>Wei Wei, Shengxiang Nan and Congying Liu</i></p>

BREAK 16:15 - 16:30	
16:30 - 17:45 Amphitheater	Elsevier Workshop
BREAK 17:45 - 18:00	
18:00 - 19:15 Amphitheater	Closing Keynote speech Dimitris Ballas
19:15 - 20:00 Amphitheater	City+2027@hongkong conference Award ceremony best oral/poster presentation winners
End of the Day Farewell Drinks at the Conference Lobby	

SATURDAY 4 JULY

Field Trip - Lesvos

Field Trip - Ayvalik Turkey

SUNDAY 5 JULY

Field Trip - Lesvos

Poster Presentation

a/ a	Session	Title	Names
1	General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability	Comparative analysis of the microclimate environment of Jiangnan watertowns: Taking Zhouzhuang and Mingyuewan in Suzhou as examples	J. Wang
2	General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability	Harmonizing Performance and Well-being: Leveraging Parametric Architecture for Resilient Urban Energy Optimization	Ilham El Rhanni, Mohammed Ahachad, Zaid Romani, Adeline Depretre, Sesil Koutra
3	General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability	A Multidimensional Framework for Assessing Human-Forest Coupling Sustainability Under Climate Stability in rural area	Chengyuan Wang, Zian Liu, Yuan Liu, Mingze Li, Wenyi Fan, Guofan Shao, Enheng Wang, Xuegang Mao
4	General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability	Synergies within and potential barriers to global forest sustainable development	Chengyuan Wang, Zian Liu, Yuan Liu, Mingze Li, Wenyi Fan, Guofan Shao, Enheng Wang, Xuegang Mao
5	General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability	Urban energy modulation under electricity price surges: evidence from three U.S. cities	Linye Song, Pingyu Fan, Shufan Yu, Linyan Li, Pengcheng You, Yulun Zhou
6	General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability	Urban energy metabolism of China's cities	Miaohan Tang, Jingke Hong, Weier Liu
7	General Session 1. Climate Change, Adaptation and Urban-Rural Sustainability	The effects of carbon emission trading scheme on urban comprehensive development: Economic, green, and inclusive perspectives	Zheng Yang, Jinyan Zhan, Chao Wang, Michael Jordan Twumasi-Ankrah, Hailin Zhang, Xinyuan Peng
8	General Session 2. Emerging Technologies, Smart Systems and Urban Data Analytics	Large language model-enhanced spatio-temporal prediction of dockless bike-sharing demand: a case study in Shanghai, China	Yinan Dong, Ziyuan Dou, Mengwei Chen, Junshen Zhang
9	General Session 2. Emerging Technologies, Smart Systems and Urban Data Analytics	Identifying "Perception Gaps" for Precision Regeneration: A New Paradigm of StreetView Perception Computing	Ye Yuan, Jiayi Peng
10	General Session 3. Mobility, Accessibility and Transport Behaviour	Equity from physical opportunity to digital-era choice: Integrating offline-online perception in pharmacy accessibility and its spatial drivers	Jing He, Shuyi Cao, Ningjun Ma, Xiaoyan Shi, He Zhang, Rui Wang
11	General Session 3. Mobility, Accessibility and Transport Behaviour	How do public transport services affect cross-border travel? Exploring nonlinear effects using an XGBoost-SHAP approach	Xi Wei, Ya Zhao, Jiangping Zhou
12	General Session 3. Mobility, Accessibility and Transport Behaviour	Conceptualizing and Assessing Inclusive Metro Resilience under Multiple Disruption Scenarios: An Illustrative Case of Hong Kong	Xintian Liu, Yunting Miao, Jiali Zhou, Jiangping Zhou
13	General Session 3. Mobility, Accessibility and Transport Behaviour	Exploring spatiotemporal dynamics and driving mechanisms of healthcare resource accessibility using geospatial big data	Yiliang Wan, Yang Zhao, Binggeng Xie, Kaichun Zhou
14	General Session 3. Mobility,	The equity impact of bike-sharing on	Wenyan Fu, Yongping Zhang

	Accessibility and Transport Behaviour	developing X-minute cities: A case study of 36 cities in Zhejiang Province, China	
15	General Session 3. Mobility, Accessibility and Transport Behaviour	residence-employment-activity separation in a linear valley city: spatial patterns and structural determinants	Tianhao Chen
16	General Session 4. Planning, Governance and Territorial Integration	Contrasting multi-scale effects are evident across the diverse flow network of hydrological-related ecosystem services	Chuxiong Deng
17	General Session 4. Planning, Governance and Territorial Integration	Towards an Inclusive Institutional Space of City-Regions: Understanding the Role of Inter-city cooperation in Cultural Flows	Tianlan Xia, Xuelian Li, Yuanshuo Xu
18	General Session 4. Planning, Governance and Territorial Integration	Scale-dependent effects of human activities on ecosystem service trade-offs and synergies: implications for land-use policy in the Yellow River Basin	Gangao Wang, Hongjuan Zhang, Leying Wu
19	General Session 4. Planning, Governance and Territorial Integration	Stage-Dependent Effects of Landscape Pattern on Urban Carbon Metabolism: Evidence from Haikou, China	Zuoyuan Zhang, Shuling Li, Xiaocui Feng
20	General Session 4. Planning, Governance and Territorial Integration	From Social Mapping to Agent-Based Modeling for Participatory Land Governance in Informal Mining Urbanisation: The Case of Kawama (DR Congo)	Noella Ntula, Gabriel Ndibazokize, Liesbeth Huybrechts, Oswald Devich
21	General Session 4. Planning, Governance and Territorial Integration	A Spatial MCDA Framework for Prioritizing Brownfield Regeneration: Implications for Coordinated Planning and Governance in Tangshan, China	Huixuan Yuan
22	General Session 5. Liveability, Health, Inclusion and Social Equity in Urban and Rural Settings	built-environment features and physical activity in later life: a systematic review and quantitative synthesis of observational evidence	Yutong Ji, Yanwei You
23	General Session 5. Liveability, Health, Inclusion and Social Equity in Urban and Rural Settings	Bridging or buffering? Exploring the impact of daily mobility of peri-urban rural residents on urban-rural integration	Lingling Su
24	General Session 5. Liveability, Health, Inclusion and Social Equity in Urban and Rural Settings	Mapping the invisible ties: an NLP-GIS approach to hometown attachment and spatial synergy in relocated villages	Shifan Liang, Xuesong Xi, Zekuan Deng, Changhui Zheng
25	General Session 5. Liveability, Health, Inclusion and Social Equity in Urban and Rural Settings	Bridging the urban-rural divide in liveability: A comparative analysis of CES provision and drivers in Beijing's greenbelts	A. Lingqian Tan, B. Peiyao Hao
26	Special Session 1. AI-Empowered Urban Renewal and Regeneration	AI-Enabled Trajectory Diagnosis of Use States in Historic Micro-Public Spaces for Urban Regeneration	Xiaoze Li, Zhihan Wang, Weijing Wang, Ziwen Sun
27	Special Session 10. Resilient Built Heritage and Built Environment: Research Perspectives and Governance Responses	Resilience Through Indigenous Knowledge: Disaster Adaptation in Jiarong Tibetan Traditional Settlements	Jiang Siwei, Wu Simu, He Ding
28	Special Session 10.	Value Evaluation and Adaptive	Yining Deng

	Resilient Built Heritage and Built Environment: Research Perspectives and Governance Responses	Protection of the Four World Heritage Sites in Macao from the Perspective of Living Heritage: A Case Study of the Four World Heritage Sites in Macao	
29	Special Session 10. Urban Blue and Green Spaces for Health and Well-being	How User Identity Mediates Health-Related Soundscape Experience in Urban Historic Neighborhoods: A Comparative Study of Residents and Tourists	Zhihan Wang, Xiaoze Li, Song Zhao, Ziwen Sun
30	Special Session 10. Urban Blue and Green Spaces for Health and Well-being	A BGHCI-Based Study on Optimizing Blue-Green Infrastructure (BGI) Networks	L. Jia, X. Wang, D. Wu
31	Special Session 10. Urban Blue and Green Spaces for Health and Well-being	Seasonal Urban Park Visitation and the Mediated Role of Activity-Based Satisfaction: Implications for Health-Oriented Green Space Planning	Zhang Yalan
32	Special Session 11. Sustainable Nighttime Urban Landscapes and Public Wellbeing	A Study on the Coupling Coordination Relationship Among Regional Environment, Healthcare System, and Resident Health in China	Yanhua He, Mengmeng Wu
33	Special Session 11. Urban Spatial Planning, Environmental Design, and Population Health	Blood and land: kinship, urban renewal, and mental wellbeing in Guangzhou, China	Yuxuan Hu
34	Special Session 11. Urban Spatial Planning, Environmental Design, and Population Health	Research on the Evolution Characteristics and Driving Mechanisms of Land Use Patterns in the Changsha-Zhuzhou-Xiangtan (CZT) Metropolitan Area	Wang Lei, Zhou Kaichun, Liu Chunla, Xie Binggeng, Li Xiaoqing, Zheng Jiancheng
35	Special Session 11. Urban Spatial Planning, Environmental Design, and Population Health	Breathing Room: The Sanitary Origins and Evolution of the "Per Capita Living Area" Indicator in Early Socialist China (1949-1957)	Liu Siyu
36	Special Session 13. Transformation of planning education, research, and practice	Scoping Review on Hotspot Trends and Spatiotemporal Evolution of Brownfield Regeneration Research in China	Fu Quanchuan, Li Jingxin, Zhang Yuyang, Wang Yuxin
37	Special Session 15. Urban Spatial Planning, Environmental Design, and Population Health	Coupling Coordination Relationship between Human Footprint and Ecosystem Health in 17 National Metropolitan Areas of China and Its Nonlinear Characteristics	Qi Ouyang, Wei Zhao, Li Zhang, Tengfei Han, Yusong Xie
38	Special Session 2. Building Livable, Healthy, and Happy Cities	The Spatio-Temporal Evolution and Obstacles of Green Transition in China's Megacities and super-megacities	C. Zhou, S. He
39	Special Session 5. Designing Heat-Resilient Cities	Optimization of urban heat vulnerability from local climate zone: A case study of Beijing	Rui Zhang
40	Special Session 6. From Ruins to Routes: Intelligent & Immersive Design in Historical Contexts	Digital Twin-Driven Land Use Optimization for Aging Adaptation: Cultural Heritage, Elderly Travel Preferences and Mobility Efficiency in Shanghai's Historic Districts	J. Jiang
41	Special Session 8. Greenhouse Gas Emissions of Cities	Low-Carbon Living Patterns of Chinese Residents from the Perspective of Time Utilization	Zixuan Zhou, Biying Yu

42	Special Session 8. Greenhouse Gas Emissions of Cities	Biomimetic design for reducing cooling demand and urban greenhouse gas emissions in Mediterranean climate change scenarios	E. Konstantinou, A. Stavridou
43	Special Session 8. Resilient Built Heritage and Built Environment: Research Perspectives and Governance Responses	Institutional Change of Preventive Conservation in China's Historic and Cultural Cities: A Study of 143 Cases and Guangzhou's Trajectory (2013- 2025)	Yang Wenjun, Mao Yiyue
44	Special Session 9. The Development Nexus Between Transportation and Urban Space	Surviving the Digital Shadow: How Spatial Polycentricity Structure Compensates for Informational Peripherality in Urban Networks	Hui Liang, Xinghao Liu, Lulu Pan, Kang Wu, Bianya Yuan