



The 15th IACP Annual Conference
第十五届国际中国规划学会年会

**Territorial Spatial Planning in the
New Era of Globalization and Regionalization**
新全球化与区域化背景下的国土空间规划

会议指引 GUIDE

Nanjing, China
Sep. 11-13, 2021



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主办
Hosts



国际中国规划学会
International Association for China Planning



南京大学
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承办
Organizer



南京大学建筑与城市规划学院
School of Architecture and Urban Planning

协办
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中国城市规划学会城乡治理与政策研究学术委员会
Committee of Urban-Rural Governance & Policy Research, UPSC

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Conference Theme:

Territorial Spatial Planning in the New Era of Globalization and Regionalization

会议主题

The Covid-19 pandemic has had a profound impact on human production and lifestyle, and has had a dramatic impact on the globalization process since the 1970s. Globalization based on the flow of information, capital and technology will not come to an end, but the dominant values, dynamics, and governance structure of globalization will be reshaped. We are entering a new era of globalization and regionalization.

Territorial spatial planning in the context of new globalization and regionalization is the theme of this annual conference. We cordially invite urban planning scholars and practitioners, engineers, and government officials in China and around the world to the conference to have academic exchanges, analyze the trend of new globalization and new regionalization, share the advanced concepts and outstanding experiences of territorial spatial planning, and discuss the challenges and opportunities of spatial planning in China.

新冠疫情的全球爆发对人类生产生活方式产生了深远影响,对 1970 年代以来的全球化进程产生了剧烈的冲击。由信息、资本与技术流动为基础的全球化不会由此终结,但是全球化的主导价值、动力机制、治理架构与呈现形式都将发生重塑,人类将进入一个新的全球化和区域化时代。新全球化与区域化背景下的国土空间规划是本次年会的核心主题。本次年会诚邀来自中国和世界各地的学者、规划师、工程师和政府管理人员进行学术交流,分析新全球化与区域化的趋势,分享新形势下国内外国土空间规划的先进理念与杰出经验,共同探讨当今新语境下中国空间规划的挑战和机遇。



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主办方

CONFERENCE HOSTS

International Association for China Planning (IACP) / 国际中国规划学会

IACP is an independent non-profit organization of scholars, students, and practitioners interested in planning issues in China.

Founded in Washington DC, USA, in 2005, its mission is three-fold: (1) to serve as a bridge between urban planning researchers and practitioners in China and their counterparts in other countries, (2) to provide a forum for scholarly and professional dialogues, and (3) to form a lively and supportive community for its members.

IACP currently has more than 2000 members and friends. They include professors and students at universities, planners and managers from international institutions, government agencies and consulting firms, and other professionals. IACP members come from diverse academic and professional backgrounds, such as urban planning, architecture, geography, economics, public policy, environmental management, and real estate development. The whole membership has a wide geographic representation, which includes North America, Asia, Australia, and Europe. As a global network of scholars, students, and practitioners, IACP is committed to promoting the career advancement of its members by fostering fellowship, exchange, and cooperation among them.

For further information, please visit <http://china-planning.org/>

国际中国规划学会（IACP）是一个独立的非营利性组织，其成员包括对中国规划问题感兴趣的专家、学者、规划师和学生。国际中国规划学会 2005 年成立于美国首都华盛顿，其使命如下：

（1）架设中国城市规划的学者专家对外交流的桥梁；

（2）提供城市规划学术与实践对话的论坛；

（3）为会员营造活跃的交流互动平台。国际中国规划学会理事会的现任主席是美国威斯康星大学密尔沃基分校的胡伶倩教授。前主席包括张庭伟教授、沈青教授、彭仲仁教授、陈雪明教授、潘起胜教授、曹新宇教授和宋彦教授。

更多信息，请访问：<http://china-planning.org/>



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Nanjing University/ 南京大学

Nanjing University is a national key university directly under the Ministry of Education. It is part of the "211 Project" and "985 Project" construction universities. Its various school-running indicators and comprehensive strength rank among the top universities in the world. It is a key university in the construction of a national "first-class university." As a century-old school with a long history and an outstanding reputation, Nanjing University breathes with the times and share the destiny with the nation, strives for the prosperity of the country, seeks scientific progress, and makes important contributions to the prosperity of the country and the revitalization of the nation.

Over a century, Nanjing University has explored heavily in the reform of education and teaching, and formed many important educational thoughts and teaching philosophy. It has also cultivated many talents that world needs in the history, which have exerted an important influences internationally. At the same time, the university motto and spirit "Sincerity with Aspiration, Perseverance with Integrity Rigorous, Realistic, Diligent, Creative" has always run through the development history of Nanjing University and has become the most important feature of Nanjing University. In the new research context, Nanjing University vigorously promotes international communication and collaborations in various disciplines and through multiple channels, to enhance the international level of schooling. Nanjing University is striving to become a comprehensive, research-oriented, and first-class international university.

For further information, please visit: <https://www.nju.edu.cn/EN/>

南京大学是教育部直属的全国重点大学，属“211工程”、“985工程”建设高校，各项办学指标和综合实力均位居世界高校前列，是国家“一流大学”建设的重点高校。作为一所历史悠久、声誉卓著的百年名校，南京大学及其前身与时代同呼吸、与民族共命运，谋国家之强盛、求科学之进步，为国家的富强和民族的振兴做出了重要的贡献。

在过去的一个多世纪中，南京大学在教育教学改革中进行了多方面的探索，形成了许多重要的教育思想和教学理念，也在各个历史阶段培养和造就了众多中华英才，在国内外产生了重要的影响。同时，格物致知、追求真理的科学精神始终贯穿于南京大学的发展史中，成为南京大学办学最重要的特色。在新的历史形势下，南京大学大力推进各种宽领域、多渠道的国际交流与合作，全面提升办学的国际化水平。南京大学正在努力建设成为综合性、研究型、国际化的世界一流大学。

更多信息，请访问：<https://www.nju.edu.cn/>





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承办方

CONFERENCE ORGANIZER

School of Architecture and Urban Planning, Nanjing University/南京大学建筑与城市规划学院

The School of Architecture and Urban Planning has two disciplines, architecture and urban-rural planning. The School gears itself toward the objective of bringing up high-level professionals specializing in architectural design, urban design, landscape planning and design, and urban and regional planning. The discipline of architecture has a solid base in architectural design research and architectural history and theory, and is carrying out cutting-edge studies in the emerging fields of urbanism, digital architecture and sustainable architecture. The discipline of urban and rural planning is originated from human geography and economic geography and, based upon the strong cluster of urban sciences in Nanjing University, fosters a cross-disciplinary research and teaching towards urban and regional planning. The School has two doctoral programs of Architecture, and Urban and Rural Planning, two master's programs of Architecture, and Urban and Rural Planning. Currently the School has 66 full-time faculty members, among them there are 20 Professors and 22 Associate Professors. Most of the teachers have both learning and work experience in leading higher education institutions home and abroad, and excellence in invention and project engineering. In the last five years, their works have received more than 200 national and provincial architectural awards.

Today, the School of Architecture and Urban Planning is among the most internationally renowned architectural schools in China. It is committed to cutting-edge researches and original theoretical findings, in order to answer the quests of real practical issues. Based upon research outputs, the School targets at nurturing high-level professionals in architecture and urban planning for the future.

南京大学建筑与城市规划学院拥有建筑学和城乡规划学两个一级学科，是一所以培养高层次建筑设计、城市设计、景观规划与设计、以及城市与区域规划方面专业人才为办学目标的学院。建筑学科在雄厚的建筑设计研究和建筑历史与理论研究的基础上，对新兴的城市建筑、数字建筑和绿色建筑等领域开展了世界前沿性学术研究。城乡规划学科源于人文地理和经济地理，立足于南京大学在城市科学方面的研究基础，对城市和区域规划开展跨学科的研究和教学。本学院现拥有建筑学和城乡规划学两个一级学科博士点，建筑学和城乡规划学两个一级学科硕士点，以及建筑学和城市规划两个专业硕士点。现有专职教师 66 名，教授 20 名，副教授 22 名。大部分教师具有国内外知名高等院校之学习与工作经验，同时具有丰富的创作能力和工程实践经验，近五年来获得国家及省部级奖项 200 余项。

今天，南京大学建筑与城市规划学院已成为中国最具国际声誉的建筑院校之一，致力于学科前沿性研究、探索原创性理论，并结合国家需求解决重大实际问题，结合研究成果，培养新时期建筑学和城乡规划学高端人才。

更多信息，请访问：<https://arch.nju.edu.cn/>





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支持方

CONFERENCE SUPPORTER

中国城市规划学会城乡治理与政策研究学术委员会

Committee of Urban-Rural Governance & Policy Research, Urban Planning Society of China(UPSC)

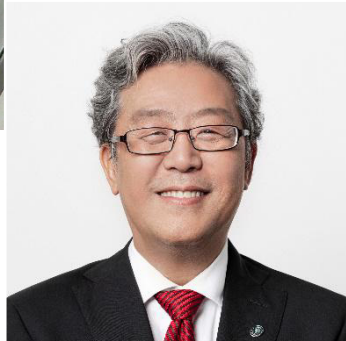
Committee of Urban-Rural Governance & Policy Research (CUGPR) was established in September 2015, and is an academic society affiliated to the Urban Planning Society of China (UPSC). Under the leadership of the UPSC, the principal role of CUGPR is to build a multidisciplinary academic cooperation platform, and promote the research in the field of urban and rural governance and policy.

The task of CUGPR consists of but does not limit to the areas followed:

- 1) Investigating frontier trends in the professional field at home and abroad;
- 2) Raising scientific questions for joint research;
- 3) Leading construction of talent team for the discipline and professional field;
- 4) Organizing academic activities and disseminating knowledge;
- 5) Serving the institutional reform and policy innovation related to urban-rural development and planning.

城乡治理与政策研究学术委员会成立于 2015 年 9 月，是隶属于中国城市规划学会的学术团体。在中国城市规划学会的领导下，本委员会宗旨是推进城乡治理与政策研究事业的发展，搭建多学科融合的学术平台，跟踪国内外行业动态，凝练城乡治理和政策研究的科学问题，引领学科队伍建设和人才培养，促进学术发展和专业知识的普及，凸显“国际视野、中国关怀、本土经验”，积极开展城乡治理在制度改革与政策创新等领域的理论与实践研究探索，提升城乡治理对于城乡治理和政策研究的水平，为推动城乡治理学科的建设做出积极贡献。

Introduction of Keynote Speech



Zhiqiang Wu

吴志强

Dr. Zhiqiang Wu is Academician of Chinese Academy of Engineering, Academician of German Academy of Science and Engineering, Academician of Royal Swedish Academy of Engineering Science and Honorary Fellow of American Institute of Architects (Hon. FAIA). Prof. WU serves as former Vice President of TONGJI University, director of Chinese intelligent urbanization co-creation for high design region, As Vice President of Urban Planning Society of China, the Chief Planner of World EXPO Shanghai 2010 and Qingdao World Horticultural Exhibition 2014, Prof. WU is appointed as the chief planner of urban design concept for the sub-center of in Beijing, as the Counsellor of Shanghai Municipal Government.

吴志强，中国工程院院士、德国国家工程科学院院士、瑞典皇家工程科学院院士、美国建筑师协会荣誉院士（Hon.FAIA）。同济大学原副校长、长三角城市群智能规划协同创新中心主任、中国城市规划学会副理事长、中国2010年上海世博会园区总规划师、青岛2014世界园艺博览会总规划师、北京副中心城市设计综合方案总规划师。上海市政府参事。

Title: The potential contribution of international students in territorial spatial plan making

题目：建构国土空间规划中的留学生可能贡献

Abstract: TBC

摘要：TBC

Introduction of Keynote Speech



Piyushimita (Vonu) Thakuriah

Vonu Thakuriah is the Dean of the Edward J. Bloustein School of Planning and Public Policy, a Distinguished Professor, and Director of the Rutgers Urban and Civic Informatics Lab in Rutgers University, New Brunswick, New Jersey, USA. Her research interests are on transportation planning and operations; big data and social and economic cyberinfrastructure; and smart cities and urban informatics. Her research on these topics have been funded by the National Science Foundation, European Commission, UK Research and Innovation, and other leading institutions. She has published close to 200 journal articles and reports, and she is the lead author of the books *Transportation and Information: Trends in Technology and Policy* and *Seeing Cities with Big Data: Research, Methods and Applications in Urban Informatics*. Vonu has been involved in research grants of close to \$70 million in total, and she is the PI of over \$25million of those grants. She is honored to have delivered keynote addresses and plenaries in leading venues such as National Academy of Sciences, European Commission (in Brussels and Luxembourg), Royal Academy of Engineering in London, Leibnitz Center for Informatics in Germany, and National Institute of Informatics in Japan. She has been involved in a number of projects throughout Europe, Asia and Australia on transportation, smart mobility, data analytics, and smart cities. Vonu was previously the Ch2M Endowed Chair Professor of Transport in the University of Glasgow, UK, and (founding) director and PI of the Urban Big Data Centre, a multi-million-dollar consortium of 7 leading UK universities funded by UK Research and Innovation to provide a UK-wide urban big data infrastructure. She is currently a member of the UK Office of National Statistics Data Science Advisory Board, and she recently chaired the International Expert Committee on smart cities for the Canada Foundation for Innovation. She is an Associate Editor of the *Harvard Data Science Review*, and she serves on the editorial boards of *Environment and Planning B*, and *Journal of Big Data Analytics in Transportation*. The Bloustein School is home to the federally-funded National Transit Institute, and the school's Master's in City and Regional Planning is currently ranked 3rd in the US, the undergraduate major in Public Health is ranked 4th, the Master's in Health Administration is ranked 10th, while the Master's in Public Policy is ranked 12th nationally.

Title: Urban Informatics and Aspirations for Evidence-Based Decision Making and Community Engagement in a Post-Pandemic World

Abstract:Planners are in need of actionable insights to assist in the recovery of regions from the pandemic-driven economic crisis, towards fostering mid to long-term regional economic resilience. The public health impact on local economies has been significant, with loss of jobs, closure of businesses, out-migration of population from urban cores to exurban regions and consequent changes in real estate values, drastic loss of public transportation ridership and decline in local retail sales, among many other impacts with significant financial implications for regional governments. The pandemic has further highlighted glaring health and economic disparities and the need to consider social determinants of health in planning. This talk will consider a range of operational as well as strategic, long-term effects related to the wider social and economic context of the current pandemic and its potential implications for urban planning. The talk will utilize new forms of structured and unstructured (text, image, social media) data, and machine learning and Artificial Intelligence approaches to synthesize what could become a dynamic, uncertain and rapidly evolving but long-term post-pandemic landscape. The speaker will discuss some of the key benefits and unintended consequences, as well as governance challenges - yet, the necessity - associated with such an evidence-based approach.

Introduction of Keynote Speech



Rolf Pendall

Rolf Pendall, Ph.D., AICP, is Professor and Head of the Department of Urban and Regional Planning at the University of Illinois, Urbana-Champaign. He has over 30 years' experience as a practitioner, scholar, and educator on a broad array of urban growth and development issues, including land-use planning and regulation; federal, state, and local affordable housing policy and programs; metropolitan growth patterns; and racial residential segregation and the concentration of poverty. Dr. Pendall joined the faculty of UIUC after having served as Center Director, Co-Director, and Institute Fellow at the Urban Institute from 2010 to 2018, and was previously Associate Professor in the Department of City and Regional Planning at Cornell University. He holds a Ph.D. in City and Regional Planning (1995) from the University of California at Berkeley and an M.A. in Latin American Studies and an M.S. in Community and Regional Planning (both 1989) from the University of Texas at Austin.

Title: Land-use regulations and urbanization in the US: From a naïve model to a complex adaptive systems perspective

Abstract: In the last few years, awareness has grown across the U.S. that strict land-use regulations can reduce housing supply, raise housing costs, reinforce racial segregation, and exacerbate sprawling land uses. The response: change regulations so they promote compact, mixed-use, mixed-income cities instead. In this talk, I will argue that we need to consider where regulations come from—and how those drivers of regulation also affect urbanization—as we mount campaigns to change regulations. For US planners, I conclude that decisions about infrastructure investment and maintenance probably matter more than land-use regulations for how much urban land gets developed.

Introduction of Keynote Speech



Marlon G. Boarnet

Marlon Boarnet is Professor of Public Policy and Chair of the Department of Urban Planning and Spatial Analysis in the Sol Price School of Public Policy at the University of Southern California. Boarnet is also president of the Association of Collegiate Schools of Planning, the scholarly association of university planning departments and faculty members in the United States. Boarnet's research focuses on land use and transportation, links between land use and travel behavior and associated implications for public health and greenhouse gas emissions, urban growth patterns, and the economic impacts of transportation infrastructure. He is a fellow of the Weimer School of the Homer Hoyt Institute for Real Estate, and he is a fellow of the Regional Science Association International. Boarnet has advised California state agencies on greenhouse gas emission reduction in the transport sector, the World Bank on transportation access as a poverty reduction tool, and numerous public and private entities. He has been principal investigator on research supported by agencies that include the U.S. and California Departments of Transportation, the U.S. Environmental Protection Agency, the California Policy Research Center, the California Air Resources Board, and the Robert Wood Johnson Foundation. Boarnet's academic web page is: <https://price-school.usc.edu/people/marlon-boarnet/>.

Title: Transportation Planning and Greenhouse Gas Emission Reduction

Abstract: The transportation sector is the biggest contributor to greenhouse gas emissions in most developed countries. What do we know about how to reduce GHG in passenger transportation, and what might planners do? This talk will summarize the link between transportation and GHG emissions, starting with the aggressive regulatory environment in California. The talk will summarize evidence on urban form and driving, as a link to the role for planning. Then the discussion will turn to implications for transportation in middle income countries, where driving is increasing rapidly.

Introduction of Keynote Speech



Jennifer Clark

Jennifer Clark is Professor and Head of the City and Regional Planning Section at the Knowlton School of Architecture in the College of Engineering at The Ohio State University. Dr. Clark's most recent book is *Uneven Innovation: The Work of Smart Cities* (Columbia University Press, 2020) won the 2021 Urban Affairs Association Best Book Award.

Dr. Clark is the author of *Working Regions: Reconnecting Innovation and Production in the Knowledge Economy* (Routledge, 2013) and co-author of *Remaking Regional Economies: Power, Labor, and Firm Strategies in the Knowledge Economy* (Routledge, 2007) and the 3rd edition of *Basic Methods of Policy Analysis and Planning* (Routledge, 2012), a widely adopted text in urban planning and policy courses. She is co-editor of the *Handbook of Manufacturing Industries in the World Economy* (Edward Elgar, 2015) and *Transitions in Regional Economic Development* (Routledge, 2018). In addition, she has written numerous articles and book chapters. Dr. Clark is a Fellow of the American Association of Geographers (AAG) and a Fellow of the Regional Studies Association (RSA). She is also the Deputy Editor-in-Chief of the journal *Regional Studies*. She has provided expert testimony before the US Congress and policy advice and consulting to the OECD, the Canadian, UK, and US governments. Before joining the Knowlton School, Dr. Clark taught at Cornell University and the Georgia Institute of Technology where she was also the Director of the Center for Urban Innovation.

Title: What Cities Need Now: Confronting Uneven Innovation

Abstract: After a decade of pilot projects and flashy demonstrations, it's still not clear whether smart city technologies can actually solve or even mitigate the challenges cities face. A lot of progress on our most pressing urban issues—such as broadband access, affordable housing, resilience planning, or public transport—could come from better policies and more funding. These problems don't necessarily require new technology.

What is clear is that technology companies are increasingly taking on administrative and infrastructure responsibilities that governments have long fulfilled. If smart cities are to avoid exacerbating urban inequalities, we must understand where these projects will create new opportunities and problems, and who may lose out as a result. And that starts by taking a hard look at how cities have fared so far.

Introduction of Keynote Speech



Guofang Zhai

Dr. Guofang ZHAI is a professor at the department of urban and regional planning in Nanjing University, specializing in urban disaster risk governance and disaster prevention planning. He is serving as the Director of Center for Urban Safety and Development of Nanjing University, General Secretary of the Asia Society for Risk Analysis, Chairman of the Planning and Standards of China Association for Disaster Prevention, Deputy Director of Academic Committee of urban safety and disaster prevention planning of UPSC (Urban Planning Society of China), Deputy Director of Resilient City Professional Committee of CSUS (Chinese Society for Urban Studies) and so on. He obtained his PhD degree in Tsukuba University in Japan and returned to China in 2008. He has published more than 340 papers and 10 books in Chinese, English and Japanese. He presided over more than 90 scientific research projects, including NSFC, "973" project, JSPS project, etc., and won more than 20 academic awards.

Title: Resilient City Planning in China

Abstract: Increasing disasters such as earthquakes and floods are attracting more and more attentions from international societies. Resilient city has been regarded as a new paradigm to solve disaster and environmental problems. This presentation firstly discusses the concept and the development of resilient city, and outlines three development stages of resilient city researches in China from both theoretical and practical aspects. Then 5 dimensions for resilient city planning including risk types, elements, stakeholders, scales, and stages are provided to holistically consider. The most important and the most difficult work in the resilient city planning may be resilience evaluation, and some related research outputs by our team are summarized. Finally, we also look into the future work on resilient city planning in China.

Introduction of Keynote Speech



Xiaoling Zhang

Zhang Xiaoling, Ph.D., Chief Engineer of China Land Surveying and Planning Institute Ministry of Land and Resources P.R. China. She is the delegate of the 10th China Science & Technology Association, the executive deputy Secretary-General of China Land Science Society, and the member of RICS. She has been engaged in the research of land policy, land use planning and spatial planning for many years. As one of the leading experts, she has organized and participated in the formulation of ‘Outline of the National Land Use Planning (2006-2020)’, and ‘Outline of the National Land Use Planning (2016-2030)’. She also led the policies such as ‘technical regulations on land use planning for local governments’, ‘Instruction of Strengthening Cultivated Land Protection and Modification the Cultivated Land Compensation Policy’ issued by CPC Central Committee and the State Council (Zhongfa [2017] No.4 Document). She has awarded four times the Second Prize of Science and Technology by the Ministry of Natural Resources so far.

Title: The Evolution of Urban Regeneration and Land Policy

题目：城市更新发展与土地政策

Abstract: The report introduces the main types of urban regeneration, explains the land policy documents at the national level from the perspective of the national conditions and utilization of land resources in China, and puts forward six classes of practical policy systems based on the national policy framework and local practical needs.

简介：从我国土地资源国情与利用状况的角度切入，介绍城市更新的主要类型和国家层面的土地政策文件，提出了基于国家政策框架和地方实践需求的六类实操性政策体系。

Longfeng Wu

2021 ACSP-IACP Karen R. Polenske Best Student Paper Award



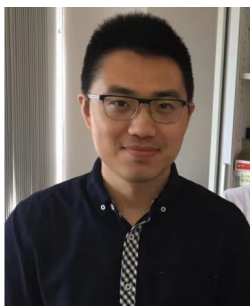
Jianting (Kristen) Zhao

2021 Best Student Paper Award



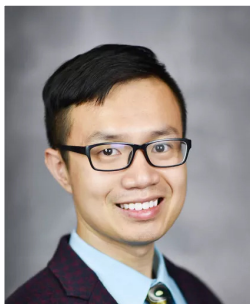
Tingwei Zhang

2021 Distinguished Service Award



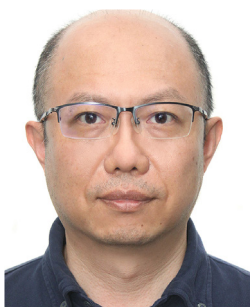
Sui Tao

2021 Rising Scholar Award



Sicheng Wang

2021 Karen Polenske Best Student Paper Award



Mi Diao

2021 Economic Approach in Urban Sustainability Studies Award

Schedule at A Glance / 会议日程

IACP 2021 Conference Schedule (Beijing Time)

September 11 (Saturday)

Time	Session	Tencent Meeting Room
9:00 - 9:20	Welcome Address	ID:466 932 016
9:20 - 10:00	Keynote speech I by Prof. Zhiqiang Wu	
10:00 - 10:40	Keynote speech II by Prof. Piyushimita (Vonu) Thakuriah	
10:40 - 11:20	Keynote speech III by Prof. Rolf Pendall	
13:00 - 13:40	Keynote speech IV by Prof. Marlon G.Boarnet	
*Simultaneous interpretation is offered 本环节提供同声传译		
13:30 - 15:10	Session 1.1: Housing and social integration	ID:343 523 661
	Session 1.2: Historic preservation planning (I)	ID:232 712 130
	Session 1.3: Urban Design (I)	ID:845 522 950
	Session 1.4: Public health service and facilities	ID:998 324 283
	Session 1.5: Territorial planning: urban and rural integration	ID:578 519 756
	Session 1.6: Regional economic development	ID:648 998 274
15:30 - 17:10	Session 2.1: Historic preservation planning (II)	ID:715 326 596
	Session 2.2: Public transit and high-speed rail	ID:761 449 366
	Session 2.3: Urban design (II)	ID:537 267 442
	Session 2.4: Urbanization and territorial planning	ID:327 803 970
	Session 2.5: Regionalism and regional development	ID:296 629 706
18:30 - 20:10	Session 3.1: (Long-term) Rental Housing (pre-organized)	ID:565 662 503
	Session 3.2: Urban and rural village presevation and renewal	ID:427 420 920
	Session 3.3: Happy cities	ID:524 835 392
	Session 3.4: Urban built environment and human activity	ID:165 184 858
	Session 3.5: Territorial planning: spatial delineation	ID:526 784 440
	Session 3.6: Urban environmental system and planning	ID:796 204 487
	Session 3.7: UFUG special issue	ID:695 555 051
20:30 - 22:10	Session 4.1: Talent Housing (pre-organized)	ID:156 182 679
	Session 4.2: Urban renewal and participatory planning	ID:196 652 243
	Session 4.3: New urban mobility and economy	ID:604 386 566
	Session 4.4: Transit-oriented development (TOD)	ID:412 751 745
	Session 4.5: Transportation and urban spatial structure	ID:968 128 782
	Session 4.6: Urban air pollution	ID:189 664 528
	Session 4.7: New town planning and development	ID:576 915 483
	Session 4.8: Re-designing New Towns, Regenerating Urbanity	ID:526 784 440

September 12 (Sunday)

Time	Session	Tencent Meeting Room
8:30 - 10:10	Session 5.1: Housing New Generation Migrants	ID:240 364 554
	Session 5.2: Urban travel in the COVID-19 pandemic	ID:796 627 312
	Session 5.3: Job-housing balance	ID:375 646 858
	Session 5.4: Car use and ownership	ID:709 126 872
	Session 5.5: Urban environment, air quality, and public health	ID:913 730 312
	Session 5.6: New economy and new towns	ID:136 941 769
10:30 - 12:30	Special Session I: Exploring nonlinear relationships with machine learning	ID:983 188 443
	Special Session II: The future of shared mobility	ID:220 166 146
	Special Session III: Re-designing New Towns, Regenerating Urbanity	ID:283 923 839
13:30 - 15:10	Session 6.1: Housing affordability	ID:946 116 696
	Session 6.2: Urban renewal and space creation	ID:774 907 290
	Session 6.3: Urban commute	ID:706 861 071
	Session 6.4: Urban built environment and human activity	ID:949 247 241
	Session 6.5: Territorial planning: ecology and landscape	ID:954 662 768
	Session 6.6: Shared mobility (Sustainability special issue)	ID:561 366 594
15:30 - 17:10	Session 7.1: Housing and health	ID:253 731 282
	Session 7.2: Social and cultural aspects of urban renewal	ID:717 407 983
	Session 7.3: Health and safety implications of transportation	ID:285 222 582
	Session 7.4: Aging and society	ID:182 550 552
	Session 7.5: Urban and rural economic development (I)	ID:567 978 251
	Session 7.6: Urban modeling and machine learning	ID:902 363 204
18:30 - 20:10	Session 8.1: Housing and urban renewal (I)	ID:160 160 711
	Session 8.2: Sustainable and resilient infrastructure	ID:449 685 366
	Session 8.3: Urban industrial development	ID:131 168 382
	Session 8.4: Urban and rural economic development	ID:119 663 747
	Session 8.5: Big data mining & analysis (I)	ID:214 486 832
	Session 8.6: Smart technologies and transportation	ID:391 408 505
20:30 - 22:10	Session 9.1: Housing and urban renewal (II)	ID:675 282 924
	Session 9.2: Impacts of urban and neighborhood service on housing	ID:432 913 121
	Session 9.3: Built environment and travel behavior	ID:321 370 748
	Session 9.4: Transportation safety and equity	ID:480 316 662
	Session 9.5: Urban agglomeration economy	ID:283 650 991
	Session 9.6: Big data mining & analysis (II)	ID:757 942 075
	Session 9.7: Smart technologies and urban space	ID:752 581 636

September 13 (Monday)

Time	Session	Tencent Meeting Room
9:00 - 9:40	Keynote speech VI by Prof. Jennifer Clark	ID: 318 464 659
9:40 - 10:20	Keynote speech V by Prof. Guofang Zhai	
10:20 - 11:00	Keynote speech VII by Dr. Xiaoling Zhang	
11:00 - 11:20	Award ceremony	
11:20 - 11:50	2022 Welcome	

*Simultaneous interpretation offered 本环节提供同声传译

Agenda / 会议议程

Opening Ceremony September 11 (Saturday): 9:00 – 13:40

Openning Remarks

Chair: **Xiaolong Luo**, Professor and Deputy Dean of SAUP, Nanjing University

Time: 9:00 - 9:20

Tencent Room ID: 466 932 016

Bilibili Link(B 站链接): <http://live.bilibili.com/23080730>

Guests	9:00-9:05 Guest Introduction
	9:05-9:10 Zhemín Tan , Professor and Executive Vice President of Nanjing University
	9:10-9:15 Lingqian Hu , Chair of the IACP Board, Professor, University of Wisconsin-Milwaukee
	9:15-9:20 Yi'an Zhou , Party Committee Secretary of SAUP, Nanjing University

Keynote Speech

Chair: **Lingqian Hu**, Professor, University of Wisconsin-Milwaukee

Time: 9:20-13:40

Tencent Room: 466 932 016

Bilibili Link(B 站链接): <http://live.bilibili.com/23080730>

Guests	9:20 - 10:00 Keynote speech I Title: The Potential Contribution of International Students in Territorial Spatial Plan Making 题目: 建构国土空间规划中的留学生可能贡献 Speaker: Zhiqiang Wu , Academician of Chinese Academy of Engineering, Professor of Tongji University
	10:00 - 10:40 Keynote speech II Title: Urban Informatics and Aspirations for Evidence-Based Decision Making and Community Engagement in a Post-Pandemic World Speaker: Piyushimita (Vonu) Thakuriah , Dean of the Edward J. Bloustein School of Planning and Public Policy, a Distinguished Professor, and Director of the Rutgers Urban and Civic Informatics Lab in Rutgers University, New Brunswick, New Jersey, USA
	10:40 - 11:20 Keynote speech III Title: Land-use regulations and urbanization in the US: From a naïve model to a complex adaptive systems perspective Speaker: Rolf Pendall , Professor and Head of the Department of Urban and Regional Planning at the University of Illinois, Urbana-Champaign
	13:00 - 13:40 Keynote speech IV Title: Transportation Planning and Greenhouse Gas Emission Reduction Speaker: Marlon G. Boarnet , Professor of Public Policy and Chair of the Department of Urban Planning and Spatial Analysis in the Sol Price School of Public Policy at the University of Southern California

*Simultaneous interpretation offered 本环节提供同声传译

Closing Ceremony

September 13 (Monday): 9:00 – 11:50

Keynote Speech

Chair: **Hongwei Dong**, Professor, California State University, Fresno

Time: 9:00 - 9:20

Tencent Room ID: 318 464 659

Bilibili Link(B 站链接): <http://live.bilibili.com/23080730>

Guests	9:00 - 9:40 Keynote speech V Title: What Cities Need Now: Confronting Uneven Innovation Speaker: Jennifer Clark , Professor and Head of the City and Regional Planning Section at the Knowlton School of Architecture in the College of Engineering at The Ohio State University
	9:40 - 10:20 Keynote speech VI Title: Resilient City Planning in China Speaker: Guofang Zhai , Professor, SAUP, Nanjing University
	10:20 - 11:00 Keynote speech VII Title: The Evolution of Urban Regeneration and Land Policy 题目: 城市更新发展与土地政策 Speaker: Xiaoling Zhang , Chief Engineer of China Land Surveying and Planning Institute, Ministry of Land and Resources P.R. China

Award ceremony 11:00 - 11:20

2022 Welcome 11:20 - 11:50

*Simultaneous interpretation offered 本环节提供同声传译

September 11 (Saturday): 13:30 - 15:10

Session 1.1: Housing and social integration

Chair: Na Ta

Tencent Room ID: 343 523 661

Abstract ID	Abstract title	Authors	Affiliation
128	Does Exposure to Migrants Influence City Attachment ? A Case Study of Shanghai, China	Shuting Lin and Na Ta	East China Normal University
164	How does residential integration affect the perceptions of social integration? Comparison between migrants and locals	Yue Gong and Jingnan Que	Wuhan University
253	Public contact and neighborhood cohesion: a study of ecological networks of public rental housing renters in Beijing	Xiaomeng Wang and Zhilin Liu	Tsinghua University
354	Community integration and influence mechanism of residential space in megacities in China-- Taking Shenzhen as an example	Min Huang and Wenjian Zhu	Shenzhen University
305	Living Together, Living Apart: Everyday-life segregation in a mixed-income affordable housing neighborhood in Beijing	Xinlin Ma, Zhilin Liu and Yanwei Chai	Tsinghua University

Session 1.2: Historic preservation planning (I)

Chair: Yiqing Zhao

Room ID: 232 712 130

Abstract ID	Abstract title	Authors	Affiliation
31	Contested heritage: The grassroots counter dynamics of heritage-led redevelopment in China-A case of Nanbuting historic district in Nanjing	Yiqing Zhao and Liu Cao	Xi'an Jiaotong University
56	Co-productive Approaches as a Way to Enhance Community Resilience in Historic Districts	Tongfei Jin and Yun Qian	University of Sheffield
77	Conservation and development of historic buildings and historic areas in urban renewal - taking Shenzhen as an example	Qianrui Li, Weibin Liu and Ziyang Chen	Shenzhen University
280	The heritage is making: Recognition of heritage in Western Critical Heritage Studies	Lu Jun, Cai Haohui and Tao Wei	South China Normal University
296	Research on the Construction of the Landscape System of the Liyang Plain Heritage Area Based on the Identification of historical landscape characteristics	Wenying Xia, Zhitong Liang and Yan Du	Huazhong Agricultural University

Session 1.3: Urban Design (I)
Chair: Jianxiang Huang
Tencent Room ID: 845 522 950

Abstract ID	Abstract title	Authors	Affiliation
14	Behaviors and Perceptions of Urban Green Space: Evidence from Social Media Data Analytics in Vancouver, Canada	Yachen Lin, Jianxiang Huang, Haoliang Chang and Lishuai Li	University of Hong Kong
106	The Influence Of Spatial Form And Environmental Characteristics On The Staying Behavior Of Urban Park -- Take Zizhuyuan Park and Rendinghu Park as an example	Dongyang Wan and Qiang Sheng	Beijing Jiaotong University
55	Hong Kong Wetland Park as natural infrastructure: Ecological mitigation and the governance of border wetland landscape in Pearl River Delta	Ting Wang and Mathew Pryor	The university of Hong kong
138	Can Design Governance be extended to Urban Design? A Case Study in Shanghai	Jiayi Li and Yiwen Wang	Xi'an Jiaotong-liverpool University

Session 1.4: Public health service and facilities
Chair: Zongni Gu
Room ID: 998 324 283

Abstract ID	Abstract title	Authors	Affiliation
9	Research on the Spatial Distribution characteristics of medical service Resources in the context of epidemic prevention and control :A Case study of the central Urban area of Changchun	Bingxin Li and Qiqi Zhang	Jilin Jianzhu University
30	Optimizing Emergency Evacuation Route Based on Multi-Agent System Model: Case of University Campus in Nanjing	Guangchun Zhong and Guofang Zhai	Nanjing University
145	Exploring the Spatial Effects of Walking Accessibility to Hospitals on Housing Prices in Shanghai, China	Zongni Gu	Nanjing University
322	Research on Evaluation Index System of Resilient Medical Facilities Planning in Hangzhou	Yuye Zhou, Lepeng Huang, Chang Tong and Qiuxiao Chen	Nanjing University, Zhejiang University

Session 1.5: Territorial planning: urban and rural integration

Chair: Wenjia Zhang

Tencent Room ID: 578 519 756

Abstract ID	Abstract title	Authors	Affiliation
64	Comparing Rural-to-urban and Urban-to-urban Interregional Migration Flows in China: Spatial Patterns and Determinants	Sen Li and Jianfa Shen	The Chinese University of Hong Kong
391	Trajectory patterns of land use change of rural-town areas and their nonlinear associations with driving factors: An analysis incorporating sequence alignment model and LightGBM algorithm	Senkai Xie and Wenjia Zhang	Peking University Shenzhen Graduate School
452	Rural Land Transfer In China: Stakeholder Analysis And Three Types Of Transfer Models	Xiangyu Li and Xin Li	City University of Hong Kong
88	State-Led Rural Settlement Concentration with Differentiated Individual Preference Under Rural Homestead Land Consolidation: A Case of Gexin Village ,Shanghai	Zhihao Yao	Suzhou University of Science and Technology

Session 1.6: Regional economic development

Chair: Yuecen Lang

Room ID: 648 998 274

Abstract ID	Abstract title	Authors	Affiliation
225	Exploring the urban technological resilience in China	Peiyu Zhan	Tongji University
68	Developing Successful New Cities within a City Cluster: Global Knowledge and Insight for Xiong'an	Jiawen Yang, Yuecen Lang, Lili Zhu and Jingxian Li	Peking University ShenZhen Graduate School
78	Research on City-County Governance Issues Caused by the Turning County into District in China	Hong Ni and Yiwen Wang	Xi'an Jiaotong-liverpool University
436	The Impact of Spatial Pattern of Consumption Ability in Metropolitan Region on Population Mobility Network: A Case Study of Nanjing Metropolitan Region	Yun Xu and Min Zhang	Nanjing University
440	Research on the evolution and development of urban spatial form under the background of rapid urbanization ——A case study of the central city of Hohhot	Lixia Guo, and Huimin Huang	InnerMongolia University of Technology

September 11 (Saturday): 15:30 - 17:10

Session 2.1: Historic preservation planning (II)

Chair: Wenzheng Shi

Tencent Room ID: 715 326 596

Abstract ID	Abstract title	Authors	Affiliation
298	To Promote The Activation in Historic Cities: A Case Study In The Pingyao Ancient City	Wenzheng Shi	Shanxi Academy of Urban & Rural Planning and Desig
333	Explore the Conservation and Regeneration Strategy of a Vernacular Settlement Heritage—Take Fengsheng ancient town in Banan District of Chongqing as an example	Tingting Xia	CAUP Tongji University
347	The city image of ancient Shenzhen	Guangmiao Han and Xiaochun Yang	Shenzhen University
430	Research progress on heritage conservation of watertown settlements	Jie Zheng, Lixian Shi and Yukun Zhang	Tianjin University
81	Evaluation of Historical Area and Planning Reponse Strategy Based on the Concept of Ecosystem Health	Xinyuan Jiang	Taiyuan University of Technology

Session 2.2: Public transit and high-speed rail

Chair: Sylvia He

Tencent Room ID: 761 449 366

Abstract ID	Abstract title	Authors	Affiliation
72	Travel Satisfaction during Public Transport Service Disruption Caused by Mass Vandalism: The Role of Political Stance during a Social Movement	Sylvia He, Mirabel Chen, Murat Es, Ka Kit Sun and Wilson Wong	Chinese University of Hong Kong
86	How do transit accessibility influence the activity space of different income groups? A study of Hong Kong	Sui Tao	Beijing Normal University
286	Adapted Travel Behaviour in a Transit-Dependent City: How Would People Change Travel Patterns in a Disrupted Public Transport System Over an Extended Period?	Sylvia Y. He, Sui Tao and Ka Kit Sun	The Chinese University of Hong Kong
317	Research on the Evolution Mechanism of Urban Spatial Network Influenced by Rail Transit	Xiaotong Liu and Haishan Xia	Beijing Jiaotong University

Session 2.3: Urban design (II)

Chair: Mi Tang

Tencent Room ID: 537 267 442

214	Research on the Influence of Space Form on the Flow of People in Commercial Complex ——Taking Taikoo Li, Sanlitun, Beijing before and after the epidemic control as an exa	Sen Cui, and Qiang Sheng	Beijing Jiaotong University
412	Self-organized Urban Community: Experience and Design Practice of Amsterdam, Netherlands	Dan Ye and Xiji Jiang	Tongji University
507	The varying relationships between multidimensional urban form and urban vitality in Chinese megacities: Insights from a comparative analysis	Chang Xia, Anqi Zhang and Anthony Yeh	The University of Hong Kong
443	Research on Passive Ecological Design Technology of Urban Public Space in Kunming	Hu Rong, Cheng Haifan and Zhang Pan	Kunming University of Science and Technology
503	Understanding features of pop-up urban space through online social media: The case of Beijing, China	Delong Sun and Xiaoyan Mi	Tianjin University

Session 2.4: Urbanization and territorial planning

Chair: Lumeng Xiao

Tencent Room ID: 327 803 970

157	Spatial and temporal analysis of the expansion of built-up areas in Nanjing metropolitan area based on industrial big data	Yiwen Wang and Jiangang Xu	Nanjing University
318	Exploration and practice of the whole process of multi-level planning of plain counties in Hebei Province under the background of territorial spatial planning——Taking Guangzong County of Xingtai City as an example	Lumeng Xiao, Zhe Zhao, Lin Yan, Diangen Xu and Jinyu Liu	Beijing Tsinghua Tongheng Urban Planning & Design Institute
479	Case Study on Songshan Lake Science City	Qihao Wang, Yongfeng Wei, Jianrong Zhang, Sujun Guo and Yan Wang	LAY-OUT Planning Consultants Co., Ltd.
392	Compulsory Education Equalization from The Perspective of Equity: A Case Study of Shenzhen	Yiting Lin, Jiuju Huang and Jiawen Yang	Peking University Shenzhen Graduate School

Session 2.5: Regionalism and regional development

Chair: Na Chen

Tencent Room ID: 296 629 706

181	Research on the temporal and spatial evolution characteristics of urbanization development performance in Yangtze River Delta —— Comprehensive perspective of quality and efficiency	Hongwei Xiao and Qixuan Wang	Tongji University
491	How Do the Selection of Different Indicators Affect Regional Sustainability and Transportation Sustainability Assessment at Metropolitan Level?	Haiqing Liu, Na Chen and Xinhao Wang	Sun Yat-sen University, University of Cincinnati
155	Research on the Evolution of Spatial Form of Traditional Grassland Towns	Lihua Rong, and Ran Zhang	Inner Mongolia University of Technology

September 11 (Saturday): 18:30 - 20:10

Session 3.1: (Long-term) Rental Housing (pre-organized)

Chair: Can Cui

Tencent Room ID: 565 662 503

70	A novel approach to urban real estate market segmentation: Comparing the dynamics between housing submarkets and rental submarkets	Shiliang Su and Lirong Hu	Wuhan University
505	Exploring the Forces behind the Development of Long-term Apartment Rental Industry in China	Jie Chen, and Tingting Lu	Shanghai Jiaotong University
434	Evicted and indebted: the crash of long-term rental apartments business and big city dream	Zequn Tang and Anli Jiang	Shanghai University
239	How Affordable is Public Rental Housing in Shanghai? Analyses from Market Standards	Weiyi Cao	Wageningen University

Session 3.2: Urban and rural village presevation and renewal

Chair: Mingrui Shen

Tencent Room ID: 427 420 920

130	Studies on the spatial distribution of village fair in Shenzhen in modern times ----Simultaneously adaptability analysis on the Skinnerian Model	Shuaijia Gong and Xinhui Sui	Shenzhen University
348	Research on the renewal and development of urbanized village based on the perspective of Actor Network Theory ——a case study of Dafen Oil Painting Village in Shenzhen	Qianqian Gao	Shenzhen University
415	The Space Construction along the Suburban Railway in the Perspective of Urban-rural Complementarity —— Taking Village Group along Jing-Men Railway as an Example	Panpan Zhang and Xin Wang	Beijing Jiaotong University
441	Research on historical and cultural protection of suburban traditional villages based on Space Production Theory	Lixia Gou, Yanxia Wang	InnerMongolia University of Technology
76	Research on the Planning Method of Educational Facilities Allocation in the district overall planning: A Case Study of Special Research on Educational Resources Supporting in Shatoujiao Area, Yantian District, Shenzh	Lu Chen, Weibin Liu and Ziyang Chen	Shenzhen University

Session 3.3: Happy cities

Chair: Ye Liu

Room ID: 524 835 392

Abstract ID	Abstract title	Authors	Affiliation
101	Exploring pathways linking residential greenness to subjective wellbeing among middle-aged and older adults: Evidence from eight Chinese cities	Ye Liu, Tong Xiao and Wenjie Wu	Sun Yat-Sen University
135	The Influence of Leisure Industry on the Spatio-temporal Pattern of "New Urban Syndromes"	Feifan Gao, Yi Liu and Zhigang Li	Wuhan University
170	The subjective wellbeing of older adults in disadvantaged communities: Role of the neighborhood environment	Yage Liu and Liang Ma	Peking University
292	Active Travel and Psychological Wellbeing: International Research Progress and Prospects	Hongyu Wang and Liang Ma	Peking University
384	Does activity and trip affect our daily happiness? -----the effects of purpose-based travel mode and duration on U-index	Jing Zhu, Meng Chu and Yingling Fan	Northwest University

Session 3.4: Urban built environment and human activity

Chair: Yi Lu

Room ID: 165 184 858

Abstract ID	Abstract title	Authors	Affiliation
158	The Spatial-temporal Constraint of Built Environment on Daily Activities of Parenting Office Workers	Yirou Chen, Peiling Zhou and Yaowu Wang	Harbin Institute of Technology, Shenzhen
161	Space-time Constraints of Built Environment on Working Adults' Daily Physical Activities: A Case Study in Shenzhen	Zhen Hu, Peiling Zhou and Kun Liu	Harbin Institute of Technology, Shenzhen
362	Disentangling residential self-selection from the influence of built environment characteristics on adiposity outcomes among undergraduate students in China	Haoran Yang, Dongsheng He and Yi Lu	The University of Hong Kong
446	Urban greenery cushions the decrease in physical activity during the COVID-19 pandemic: A natural experimental study	Yiyang Yang and Yi Lu	City University of Hong Kong

Session 3.5: Territorial planning: spatial delineation

Chair: Yu Gao

Tencent Room ID: 526 784 440

Abstract ID	Abstract title	Authors	Affiliation
165	Identifying suburbs based on multi-source data and its ecological landscape analysis: A case study of Nanjing, China	Yasi Tian	Soochow University
359	Study on spatial scope identification of metropolitan area --taking Shenzhen metropolitan area as an example	Yi Ding and Wenjian Zhu	Shenzhen University
87	Research on the delimitation of the central urban area boundary -- Taking Chaoyang City of Liaoning Province as an example	Qing Yang and Shuo Zhang	Shanghai Tongji Urban Planning & Design Institute CO.,LTD.
74	Exploration of conduction-oriented territorial spatial planning index system at county level——Take Juye County of Shandong Province as an example	Shuo Zhang	Shanghai Tongji Urban Planning & Design Institute CO.,LTD.

Session 3.6: Urban environmental system and planning

Chair: Steven Jige Quan

Tencent Room ID: 796 204 487

Abstract ID	Abstract title	Authors	Affiliation
41	Does socioeconomic development lead to more equal distribution of green space? Evidence from Chinese cities	Longfeng Wu and Seung Kyum Kim	Peking University
58	Spatial planning toward the strategic goal of "zero waste city"-Take Laiyang City as an example	Chen Shuyi and Xiao Liu	Institute of new first-tier cities
97	An approach to urban landscape character assessment: Linking urban big data and machine learning	Yutian Lu and Jiayu Wu	Huazhong Agricultural University
221	Spatio-Temporal Differentiation Of Ecosystem Services In Harbin Based On The Theory Of Supply-Demand Evaluation	Rong Guo, Shuo Lv and Junming Feng	Harbin Institute of Technology
421	Examining the Relationship between Complex Urban Form and Building Energy Use in Seoul – A Typology Approach based on Local Climate Zones	Parth Bansal and Steven Jige Quan	Seoul National University

Session 3.7: UFUG special issue

Chair: Wenjie Wu

Tencent Room ID: 695 555 051

Abstract ID	Abstract title	Authors	Affiliation
85	Evaluating the social equity of urban park access in Shanghai through mobile phone-derived human activities	Xiyuan Ren and Chenghe Guan	New York University Shanghai
311	Assessing Spatial Disparities in Multi-mode Accessibility of Green Spaces in City of Chicago, USA	Si Chen, Xin Fu and Brian Deal	University of Illinois at Urbana-Champaign
377	Space interface, street connectivity, and community park use: Evidence from Shenzhen, China	Wei Wen, Yaoyu Lin and Yiyong Chen	Harbin Institute of Technology, Shenzhen
465	Green spaces mitigate racial disparity of health: A higher ratio of green spaces indicates a lower racial disparity in SARS-CoV-2 infection rates in the USA	Long Chen, Yi Lu and Bin Jiang	City University of Hong Kong

September 11 (Saturday): 20:30 - 22:10

Session 4.1: Talent Housing (pre-organized)

Chair: Julia Harten

Tencent Room ID: 156 182 679

Abstract ID	Abstract title	Authors	Affiliation
35	Community Formation in Talent Worker Housing: Talent Workers and Drifting Elders Constitute a New Age Floating Population in China's First Tier Citi	Ian MacLachlan and Yue Gong	Peking University Shenzhen Graduate School, Wuhan University
177	Housing Differentiation among Talent in Transitional Urban China: A Case Study of Shenzhen	Lijie Lin and Manhua Lin	Guangdong University of Technology
335	Towards a More Effective Framework for Talent Housing Policies in Shanghai 's New Citities	Qianyu Lu	University of Cambridge
52	How to Create a Talent-satisfying Environment? An Empirical Study Based on Fuzzy-set Qualitative Comparative Analysis (fsQCA).	Dehao Shi, Tao Yu and Sen Li	The Chinese University of Hong Kong

Session 4.2: Urban renewal and participatory planning

Chair: Xiang Li

Tencent Room ID: 196 652 243

Abstract ID	Abstract title	Authors	Affiliation
121	State-led or Market-led? Collaborative Governance in Participatory Urban Regeneration in Shenzhen, China	Xiang Li	Xiamen University
173	The Comparative Study on Dashilar, Shuangjing and Qinghe Cases of Participatory Urban Micro-regeneration in Beijing	Zheng Qiaoyi and Qian Yun	Beijing Forestry University
175	Collaborative Planning in China: A Contextual Perspective	Yanliu Lin	Utrecht University
460	Revisiting Entrepreneurial Governance in Urban Redevelopment: The Case of the Erqi Riverfront Business District in Wuhan, China	Sainan Lin, Xingjian Liu, Tong Wang and Zhigang Li	Wuhan University
94	Gamification: A New Tool for Public Participation in Urban and Rural Planning in the Digital Era	Ying Wang, Xiangmin Guo and Tian Tian Lo	Harbin Institute of Technology, Shenzhen

Session 4.3: New urban mobility and economy

Chair: Mi Diao

Tencent Room ID: 604 386 566

Abstract ID	Abstract title	Authors	Affiliation
57	Which neighborhoods and who benefit from ride-hailing services in low-density areas in the United States? Evidence from Austin, Texas	Shengxiao Li, Wei Zhai, Junfeng Jiao and Chao Wang	University of Pennsylvania
189	Impacts of Transportation Network Companies on Urban Mobility	Mi Diao	Tongji University
509	Is ride-hailing a valuable means of transport in the suburbs under TOD-oriented suburbanization? Evidence from Chengdu, China	Si Qiao and Anthony G.O. Yeh	The University of Hong Kong
122	Does Ridesourcing Provide Equal Accessibility?	Sicheng Wang, Robert Noland and Xiao Huang	Michigan State University
252	Characteristics of Online Shopping Behavior of Low-income Residents and Their Influencing Factors in Urban China: A Case Study of Guangzhou	Liqi Xiao and Zongcai Wei	South China University of Technology
431	How urban built environment affecting the spatial distribution of delivery self-pickup sites —— An exploratory study of Nanshan district, Shenzhen	Hao Tang and Wenjian Zhu	Shenzhen University

Session 4.4: Transit-oriented development (TOD)

Chair: Guibo Sun

Tencent Room ID: 412 751 745

Abstract ID	Abstract title	Authors	Affiliation
237	Rail Integrated Development Of Sub-centers: A Comparative Study Of Shanghai and Tokyo	Ya Gao and Haixiao Pan	Tongji University
247	Urban Rail Transit Oriented Development and Land Value Capture Under the Public-Private Partnership Initiative: A Case Study of Ningbo	Xiongbiao Lin and Qiuling Lin	Ningbo University
265	Transport-oriented development for the health of older people in high-density cities	Sun Guibo	University of Hong Kong
350	The Network Effect of Urban Metro System on Housing Prices and Implications for Transit Planning: A Case Study of Shanghai	Ziqi Liu, Yang Li and Ming Zhang	University of Texas at Austin
315	The spatio-temporal influence of land use on population gathering around new intercity railway stations: A case study on the Pearl River Delta region, China	Xijing Li, Mengmeng Zhang and Jionghua Wang	Beijing Normal University

Session 4.5: Transportation and urban spatial structure

Chair: Zhenhua Chen

Tencent Room ID: 968 128 782

406	Impact of transport infrastructure on multi-dimensional urban shrinkage in China	Yan Li, Zhenhua Chen and Ruqi Zhang	The Ohio State University
456	The multi-scale and multi-path effects of transport investment on economic growth: A Review	Zhan Shuangfen, Lin Xiongbai and Pan Qi	Ningbo University
482	Perceived attractiveness of polycentric urban centers and shopping and leisure travel in Singapore: A study in the post-COVID period	Yuting Hou, Samuel Chng and Winston Yap	The Hong Kong Polytechnic University

Session 4.6: Urban air pollution

Chair: Weifeng Li

Tencent Room ID: 189 664 528

5	Source-receptor relationship of transboundary particulate matter pollution between China, South Korea and Japan: approaches, current understanding and limitations	Jianzheng Liu	Xiamen University
372	The Impact of Air Pollution On Housing Prices and The Effect Analysis of Environmental Policies: A Case Study of Houston, USA	Zhonghua Jin and Qisheng Pan	University of Texas, Arlington
393	Exploring the effects of 3D urban form on urban air quality: Evidence from fifteen Chinese megacities	Anqi Zhang, Chang Xia and Weifeng Li	University of Hong Kong
424	Improved method for quantifying air pollution dynamics during the COVID-19 pandemic: a deep learning approach	Siyang Wang, Dawei Wang and Weifeng Li	University of Hong Kong
352	Impacts of China's Emissions Trading Scheme on the National and Hong Kong Economies: A Dynamic Computable General Equilibrium Analysis	Yue Wang, Niven Winchester, Christopher Webster and Kyung-Min Nam	The University of Hong Kong

Session 4.7: New town planning and development (pre-organized)

Chair: Lili Wang

Tencent Room ID: 576 915 483

215	Assembling an Eco-topia in Shenzhen: An Actor-Network Analysis	Lili Wang	Southern University of Science and Technology
442	The Legal Geographies of New Town Development	Yunpeng Zhang	KU LEUVEN
125	Hexi after 20 years: a critical assessment of new town development in Nanjing, China	Hao Chen	Nanjing University

Session 4.8: Re-designing New Towns, Regenerating Urbanity (China City Planning Review pre-organized)

Chair: Zhongjie Lin & Harry den Hartog

Tencent Room ID: 526 784 440

59	Do you See a Ghost Town? Assessing the Spatial Transformation of Zhengdong New District	Zhongjie Lin	University of Pennsylvania
368	Taking measures of Chinese National New Areas' landscape	Boqian Xu	University of Pennsylvania
236	A Design to Increase the Spatial Affinity of An Urban Plaza Prestige Project	Shu Liu, Xinhao Wang and Lichen Xing	University of Cincinnati
183	The Role of New Town Heritage in Sub-Urban Regeneration	Like Bijlsma	PBL

Session 5 September 12 (Sunday): 8:30 - 10:10

Session 5.1: Housing New Generation Migrants (pre-organized)

Chair: Jie Chen

Tencent Room ID:240 364 554

Abstract ID	Abstract title	Authors	Affiliation
22	Home in the Big City: Does Place of Origin Affect Homeownership Among the Post-80s generation in Shanghai	Junru Cui, Can Cui, Xueying Mu and Pu Hao	East China Normal University
33	High-skilled Workers in the Context of Rapid Urbanization: Learning and Living in the Chinese Big City	Julia Gabriele Harten	University of British Columbia
182	The peri-urban mosaic of Changping in metropolizing Beijing: A unitary way to interpret the informality (urban village) in transitional China	Ran Liu, Xu Huang, Yuting Cao and Yuhang Jia	Capital Normal University
233	Determining Factors of Urban Migration by University Graduates in China	Xinlei Lian and Shan Jiang	Tsinghua University, and Tufts University

Session 5.2: Urban travel in the COVID-19 pandemic

Chair: Jiangping Zhou

Tencent Room ID:796 627 312

Abstract ID	Abstract title	Authors	Affiliation
84	Abrupt Changes, Institutional Reactions, and Adaptive Behaviors: An Exploratory Study of COVID-19 and Related Events' Impacts on Hong Kong's Metro Riders	Jiangping Zhou	HKU
119	The Impacts of the COVID-19 Pandemic on Commuting Travel and Metro Passenger Flow in Shanghai	Haixiao Pan and Xiaohe Zhang	Tongji University
126	Changes in Subway Ridership of COVID-19 and Return to the New Normal: Implications for Urban Rail Transit Network Design of Hangzhou, China	Haixiao Pan and Miao Hu	Tongji University
349	Exploring Transportation Accessibility, Reliability, and Affordability for Disadvantaged Neighborhoods in Southern California before and during COVID-19 Pandemic	Tianjun Lu, Hongwei Dong and Kamal Hamdan	California State University, Dominguez Hills
244	The impact of COVID-19 on high-speed rail and aviation operations in China	Shan Yang and Zhenhua Chen	The Ohio State University
118	Understanding mobility change in response to COVID-19: A Los Angeles Case Study	Yougeng Lu and Genevieve Giuliano	University of Southern California

Session 5.3: Job-housing balance

Chair: Chun Zhang

Tencent Meeting ID:375 646 858

45	The Impact of Rail Transit on the Jobs-housing Spatial Structure——A Case Study in Shen	Zhixiang Cui, Xiaobing Zhu and Yongjie Luo	Shenzhen University
486	Analysis on the Job-housing Spatial Distribution and Commuting Characteristics of Employment Center in Shenzhen Based on Cellular Signaling Data: A case study of the High-tech Zone	Yingxia Guo, Yongjie Luo, Zhixiang Cui, Xiaobing Zhu and Cuiyan Liu	Shenzhen University
285	Reducing or Enlarging Jobs-Housing Spatial Mismatch by New Sub-Center: A Case Study of Tongzhou in Beijing	Chun Zhang, Na Hu, Chunjie Han and Yuanyuan Liu	Beijing Jiaotong University
255	Inter-city Job Accessibility of Long Commuter based by Rail Transit in Mega-region	Chang Ma and Chun Zhang	Beijing Jiaotong University
40	Spatial Inequality of Job Accessibility in Shanghai: A Skill Mismatch	Weiye Xiao and Yehua Wei	University of Utah

Session 5.4: Car use and ownership

Chair: Mengqiu Cao

Tencent Meeting ID:709 126 872

249	Examining the motivations for the willingness to own autonomous vehicles in the Twin Cities	Tao Tao and Jason Cao	University of Minnesota
365	Banning Diesel Vehicles in Greater London	Mengqiu Cao	University of Westminster
134	Do Millennials Fly More/Drive Less Than Baby Boomers for Long-Distance Travel? Evidence from National Travel Surveys in the United States	Yang Li and Ming Zhang	The University of Texas at Austin
243	Ensuring Equitable Transportation for the Disadvantaged: An Examination of ADA Paratransit Usage Change During the Pandemic	Yiyuan Wang, Qing Shen, Lamis Ashour and Andrew Dannenberg	University of Washington

Session 5.5: Urban environment, air quality, and public health

Chair: Chao Liu

Tencent Meeting ID:913 730 312

100	Analysis of environmental influences on cardiovascular disease (CVD) in urban residents	Bei Chen Wang, Jing Jing Tang and Yu Wei Li	Anhui Jianzhu University
386	Vulnerability analysis for urban residents in response to COVID-19	Xinyi Zhao, Xin Fu and Huan Yang	Northwest A&F University
501	Outdoor Airborne Transmission of Coronavirus Among Apartments in High-Density Cities	Jianxiang Huang, Phil Jones, Anqi Zhang, Shan Shan Hou and John D. Spengler	University of Hong Kong
110	Spatially explicit mapping of an evidence-based heat health risk index for high-density cities	Jinglu Song, Bo Huang, Joon Sik Kim, Jiahong Wen and Rongrong Li	Xi'an Jiaotong-liverpool University
83	How does density influence the COVID-19 infection rates? A case study of the US metropolitan areas	Chao Liu and Zerun Liu	Tongji University
340	Disentangling associations between vegetation greenness and dengue in a Latin American city: findings and challenges	Maria da Consolação Magalhães Cunha, Yang Ju, Maria Helena Franco de Moraes, Iryna Dronova, Sérgio Pontes Ribeiro, Fábio Raphael Pascoti Bruhn, Larissa Lopes Lima, Denise Marques Sales, Olivia Lang Schultes, Daniel A. Rodriguez and Waleska Teixeira Ca	University of California Berkeley

Session 5.6: New economy and new towns

Chair: Xuanyi Nie

Tencent Room ID:136 941 769

Abstract ID	Abstract title	Authors	Affiliation
147	Dilemmas of Local Governance under the Cross-border Zone Fever in China: A Case Study of the Wuxi-Xinyi High-Tech Development Zone	Yang Lingfan	Nanjing University
290	New Economy in Cities: What Attracts Entrepreneurialship in Biomedical Industries	Xuanyi Maxwell Nie and Haijing Liu	Harvard T.H. Chan School of Public Health
93	Evaluating the Industrial and Spatial Interdependence in China's Greater Bay Area	Meng Yu, Zhenhua Chen and Yafei Wang	The Ohio State University
238	Do megaregions lead to convergence of economic productivity?	Jiani Guo and Ming Zhang	University of Texas at Austin

September 12 (Sunday): 10:30 - 12:30

Special Session I: Exploring nonlinear relationships with machine learning

Chair: Xinyu Cao

Tencent Room ID:983 188 443

panelist	Tao Tao
	Kailai Wang
	Xiang Yan
	Wenjia Zhang

Special Session II: The future of shared mobility

Chair: Shengxiao Li

Tencent Room ID:220 166 146

panelist	Anne Brown
	Junfeng Jiao
	Hui Kong
	Ruth Steiner
	Hongmou Zhang

Special Session III: Re-designing New Towns, Regenerating Urbanity

Chair: Zhongjie Lin & Harry den Hartog (zlin@design.upenn.edu & harry.den.hartog@urbanlanguage.org)

Tencent Meeting ID:283 923 839

Assistant: Jianglan Qin

Abstract ID	Abstract title	Authors	Affiliation
351	Absorption of low-carbon and sponge city measures in the spatial planning and design of green structures in Shanghai's new towns and new cities – three cases compared	Harry den Hartog	Technical University Delft
16	Exploring the Planning Strategies for the Fringe Area between the Old Town of Suzhou and Suzhou Industrial Park via Research-by-Design	Bing Chen	Xi'an Jiaotong-liverpool University
490	Research on the planning of Xiamen-Quanzhou science and technology innovation corridor based on regional collaboration	Zhang Ruoxi and Zhang Lemin	Xiamen University
485	The Production of Cultural Mega-structures and City Center Development in China: Taking the Grand Theaters as Examples	Cong Sun and Charlie Q. L. Xue	City University of Hong Kong
	Searching for A Decentralized Model of the Discontinuous City	Dingliang Yang	Harvard University
	New towns in China	ChengHe Guan	New York University Shanghai

September 12 (Sunday): 13:30 - 15:10

Session 6.1: Housing affordability

Chair: Tianke Zhu

Tencent Room ID:946 116 696

Abstract ID	Abstract title	Authors	Affiliation
471	The Impacts of Housing Mix on the Social Mix of Subsidized Housing: A Case Study of Guangzhou	Xuhua Chen, Zongcai Wei and Shuqing Wei	South China University of Technology
287	The spatial distribution, location choice and external effects of affordable housing in Beijing	Siqi Wang	Tsinghua University
307	Strategic Compliance of Local Governments: Based on Content Analysis of China's Affordable Housing Mandate in 2011-20	Luyao Ma and Zhilin Liu	Tsinghua University
353	Research on the difference between affordable housing and commercial housing around Shenzhen rail transit station under TOD development mode	Xinyu Liu and Wenjian Zhu	Shenzhen University
388	A Study on the Effectiveness of Mixed Living in Commercial Housing with Affordable Housing—Take Shenzhen COFCO Tianyue No. 1 residential area as an example	Zhenglin Zhang and Yingzhi Lin	Shenzhen University

Session 6.2: Urban renewal and space creation

Chair: Shan Yang

Tencent Room ID:774907290

Abstract ID	Abstract title	Authors	Affiliation
79	What kind of incentive policies are needed to create public space in urban renewal?	Qing Deng, Weibin Liu and Ziyang Chen	Shenzhen University
187	Research on Evaluation and Optimization Strategy of Microclimate Comfortability of Public Space in Historical Block - a Case Study of Beimen Historical Block in Xinghua City	Zhijie Li, Guoyan Zhou and Lei Zhou	Soochow University
113	The Application of Mapping Method in the Research of Residents' Sense of Place: An Empirical Study of Xiangfang Old Industrial Zone in Harbin	Wei Dong, Jiankun Lou and Yu Dong	Harbin Institute of Technology
139	A Case Study of Urban Renewal from the Perspective of Urban Marketing—Taking Chengdu-Chongqing Urban Agglomeration as an Example	Xinqi Yang and Ting Wang	Chongqing University
314	A Comparative Study of Spatial Perception Between Tourists and Indigenous People Under the Background of Regional Development and Change —Take Wudadao District in Tianjin As the Example	Huazhao Wang, Zhijin Wang, Yicheng Fu, Yingyu Hou and Tianjie Zhang	Tianjin University

Session 6.3: Urban commute

Chair: Pengyu Zhu

Tencent Room ID:706 861 071

Abstract ID	Abstract title	Authors	Affiliation
477	Commuting Trips and Network Efficiency of Urban Rail Transit in Shenzhen	Cuiyan Liu, Yongjie Luo, Xiaobing Zhu, Yingxia Guo and Zhixiang Cui	ShenzhenUniversity
62	Analysis of Commuting Characteristics of Urban Villages in Shenzhen Based on Mobile Phone Data	Yongjie Luo, Zhixiang Cui and Xiaobing Zhu	Shenzhen University
146	The Impact of Telecommuting on Household Residential Location Choice	Pengyu Zhu and Yuqing Guo	Hong Kong University of Science and Technology
206	Study on the correlation between the built environment and school travel of Xi'an primary school	Xia Wang and Jing Yang	Xi'anUniversity of Architecture and Technology
273	Impact of private schooling on transportation, Evidence from South-East Queensland, Australia	Yiping Yan and Matthew Burke	Griffith University

Session 6.4: Urban built environment and human activity

Chair: Chun Yin

Tencent Room ID:949 247 241

Abstract ID	Abstract title	Authors	Affiliation
453	Assessing the Accessibility of Non-motorized Transportation around Swimming Pools with Baidu Map	Yifan Dong, Zhen Xu, Bing Zhang and Yan Chen	Nanjing Forestry University
270	Influence of the built environment on obesity and its pathways	Chun Yin	East China Normal University
454	Delineating Walking Catchment of Gymnasium with Open-Source Data: A Case Study of Nanjing	Bing Zhang, Zhen Xu, Yifan Dong and Mingke Li	Nanjing Forestry University
154	Food Environment in the Workplace and the Dietary Behavior of Working Adults: an Empirical Study from the Perspective of Spatio-Temporal Behavior	Yanliang Luo, Peiling Zhou and Yaowu Wang	Harbin Institute of Technology, Shenzhen

Session 6.5: Territorial planning: ecology and landscape

Chair: Bing Chen

Tencent Room ID:954 662 768

Abstract ID	Abstract title	Authors	Affiliation
216	The frame construction of complex system organization and its resilient coupling mechanisms of trans-regional territorial space ——Thoughts on the innovation of planning paradigm in the Yangtze River Delta ecological Greening development demonstration	Jiangang Xu, Lei Che and Jun Wu	Nanjing University
293	Methods and practice of ecological restoration for urban territorial space	Ziqing Tang, Tianjie Dang and Xiaohe Hou	Taiyuan University of Technology
204	An Exploratory Design Research on the Application of Landscape Urbanism Principle in China's Territorial Spatial Planning: A case study of Taihu Scientific Town, Suzhou	Jiawen Luo and Bing Chen	Xi'an Jiaotong-liverpool University
397	Identificating distribution pattern of "city and mining system" in resource-based cities — a case study of DongYi	Kai Shang	Nanjing University

Session 6.6: Shared mobility (Sustainability special issue)

Chair: Yefu Chen

Tencent Room ID:561 366 594

Abstract ID	Abstract title	Authors	Affiliation
123	A Multi-Scale Analysis of Jobs-Housing Balance and Commuting Distance through Big and Traditional Data: Evidence from Shanghai	Xingang Zhou, Chenchen Sun and Xinyi Niu	Tongji University
418	Spatial-Temporal Flows-Adaptive Street Layout Control Using Multi-Agent Reinforcement Learning Technique	Qiming Ye, Yuxiang Feng, Marc Stettler and Panagiotis Angeloudis	Imperial College London
481	Mining Factors Affecting Taxi Cruising Time using GPS Traces	Yuebing Liang and Zhan Zhao	University of Hong Kong
512	To take orders or not to take orders? Exploring the nonlinear effect of the built environment on ride-hailing drivers' order-taking behavior	Yu Kong	Nanjing University

September 12 (Sunday): 15:30 - 17:10

Session 7.1: Housing and health
Chair: Hong Hu
Tencent Room ID:253 731 282

Abstract ID	Abstract title	Authors	Affiliation
66	Investigation of Impact of Community Epidemic Governance on Residents' Psychology and Behavior	Yue Li	Renmin University of China
114	Research on the Health Equity and Spatial factors of Community Sports Parks——A Case Study of the Central City of Chongqing	Liyuan Zhang and Miao Xu	Chongqing University
261	Investigating the Municipal Disparities in Economic Resilience to COV-19 Pandemic in China from the Perspective of Consumption	Yu Feng, Wenhao Qian and Yi Zhu	Shanghai University of Finance and Economics
331	Ventilation Optimization Strategy and Efficiency of Rural Dwellings in Luoyang	Zhang Fangfang, Wang Jiangli and Zhang Qun	Xi'an University of Architecture and Technology
385	Recovery connection in communities——normalizing research of COVID-19 prevention and control within communiti	Juan Guan, Lingxia Zhang, Yilin Wei and Xi Chen	Shanghai Tongji Urban Planning & Design Institute CO.,LTD

Session 7.2: Social and cultural aspects of urban renewal
Chair: Xueying Chen
Tencent Room ID:717 407 983

Abstract ID	Abstract title	Authors	Affiliation
332	The Adaptive Cycle of Spatial Form: a Study of the Hui community in Xi'an, China	Qing Zhao and Yunying Ren	Xian University of Architecture and Technology
432	Review of social network theory and analysis methods under the background of community renewal	Hongjia Deng	Chongqing University
497	Integration and Utilization of Cultural Resources from the Perspective of Nanjing Metropolitan	Yu Guo and Min Zhang	Nanjing University
324	What They Talk About When They Talk About Urban Regeneration: Understanding Urban Regeneration Policies in PRD, China	Xueying Chen	Shenzhen University

Session 7.3: Health and safety implications of transportation

Chair: Xize Wang

Tencent Room ID:285 222 582

Abstract ID	Abstract title	Authors	Affiliation
423	Support for market-based and command-and-control congestion relief policies in Latin American cities: Effects of mobility, environmental health, and city-level factors	Xize Wang, Daniel Rodriguez and Anjali Mahendra	National University of Singapore
111	Analyzing the multiple deprivation of disabled people and its urban-rural disparity across Tianjin municipality using disability census data 2020	Ning Qiu, Tianjie Zhang and Jianquan Cheng	Tianjin University
200	Urban Sprawl Effects on Severe Crashes in the Metropolis of Developing Country: Evidence from Urban China	Zhe Pang and Bo Xie	Wuhan University
448	Research on Urban Night Space Security Perception Evaluation Based on BWS Method	Yue Wang, Meng Zhu and Manli Guo	Anhui Agricultural University
394	Research on the Construction of Living Circles in Small Towns from the Perspective of Health Impact Assessment ----Take Fujian Dehua as an example	Jing Li and Hao Zhang	North University of Technology

Session 7.4: Aging and society

Chair: Ding Rong

Tencent Room ID:182 550 552

Abstract ID	Abstract title	Authors	Affiliation
329	More Meaningful, More Restorative for the Elderly? Evidence from Beijing	Shiyi Guo, Ying Zhang, Yawen Luo and Yuwen Zhou	Wuhan University
90	Redesigning the landscape in old residential communities to support healthy 'aging-in-place'	Xiaoyu Yu and Bing Chen	Xi'an Jiaotong-liverpool University
184	Urban Community-based Elderly Care Facilities Planning Depending on the Balance of Supply and Demand: A case study of Shanghai	Ding Rong	University of Huddersfield

Session 7.5: Urban and rural economic development (1)

Chair: Haobin Fan

Tencent Room ID:567978251

Abstract ID	Abstract title	Authors	Affiliation
268	Where to Locate? The Game between Private Listed Firms and Local Regulatory Agencies	Haobin Bruce Fan and Xuanyi Nie	Shanghai Academy of Social Sciences
439	Liveability and migration intention in Chinese resource-based economies: Findings from seven cities with potential population shrinkage	Sylvia He, Xueying Chen, Murat Es, Zeli Lin and Yuanyuan Guo	The Chinese University of Hong Kong
208	The interaction between the behavior, space and regulation of stall vendors under the theory of social anomie	Wanting Wen	Shenzhen University

Session 7.6: Urban modeling and machine learning

Chair: Ming Zhong

Tencent Room ID:902 363 204

Abstract ID	Abstract title	Authors	Affiliation
376	Development of a New Town Planning method using an integrated land use-transport model	Ming Zhong, Yi-ming Dong, John Douglas Hunt, Jiang-Tao Sun, Xiao-Feng Ma and Shao-Bo Liu	Wuhan University of Technology
361	Identifying Typical Urban Form Patterns in Seoul Using Unsupervised Machine Learning	Na Li and Steven Jige Quan	Seoul National University
480	A novel spatial property evaluation method to measure people's emotions to public green space based on deep learning mode	Xuan Zhang and Haoying Han	Zhejiang University
420	Study on the agglomeration pattern and characteristics of leisure industry in Chinese cities based on co-location patterns mining	Yi Liu, Lingkun Meng and Yimin Chen	Sun Yat-Sen University

September 12 (Sunday): 18:30 - 20:10

Session 8.1: Housing and urban renewal (I)

Chair: Peipei Chen

Tencent Room ID:160 160 711

Abstract ID	Abstract title	Authors	Affiliation
69	Research on the Design of Public Space for the Long-term Rental Apartments Reconstructed from Urban Villages	Zhenhua Zhang and Weibin Liu	Shenzhen University
213	Post Occupancy Evaluation of Urban Old Community Regeneration Based on Spatial Governance	Luo Junhang	Chongqing University
334	Research on Urban Community Renewal Based on Scene Theory: The Cognition of Scene Assets of Community Public Space	Rui Huang	Chongqing University
343	Research on the Community Regeneration Based on Ternary Network ——Case Study of Daxue Road in Shanghai	Luqiao Zheng	Tongji University

Session 8.2: Sustainable and resilient infrastructure

Chair: Jiangang Xu

Tencent Room ID:449 685 366

Abstract ID	Abstract title	Authors	Affiliation
363	Ecological footprint and transportation network: A spatially explicit perspective	Tianyu Lv and Chen Zeng	Huazhong Agricultural University
449	Providing Socially Sustainable Transportation in Cities of Different Sizes in China	Zhengyue Wan and Helena Titheridge	University College London
179	Research Progress and Prospect of Public Service Facilities Allocation Optimization Technology from The Perspective of Resilience	Kunpeng Dong and Jiangang Xu	Nanjing University
196	Research on Stormwater Regulation and Storage Mechanism of Green Infrastructure from the Perspective of Resilience: A Case Study of Taihu Lake Basin in the Yangtze River Delta Region	Jun Wu and Jiangang Xu	Nanjing University
416	Community Restorative Effects Evaluation and Determinants Based on Grey Correlation TOPSIS Method and Structural Equation Modelling: A Case Study of Jinan	Yutong Ma and Zongcai Wei	South China University of Technology

Session 8.3: Urban industrial development

Chair: Xin Li

Tencent Room ID:131 168 382

Abstract ID	Abstract title	Authors	Affiliation
375	Brownfields in Hong Kong: A Remote Sensing Analysis of Spatial-Temporal Land Use Change Patterns	Jingmin Liang and Xin Li	City University of Hong Kong
417	Analysis on the Social and Economic Benefits of Industrial Transformation in Lanzhou City from the Perspective of New Structural Economics	Song Chen, Jiahui Xu and Taofang Yu	Tsinghua University
419	The role of spatial proximity for urban innovation performance in China's Electronic Information industry	Yuting Hou	The Hong Kong Polytechnic University
445	Industrial Land Marketization and the Land-centered Economic Development Model	Jie Lin	Shantou University

Session 8.4: Urban and rural economic development

Chair: Li Fang

Tencent Room ID:119 663 747

Abstract ID	Abstract title	Authors	Affiliation
11	The Evolution of Economic Development Research	Li Fang	Florida State University
160	The Role of Land Finance in Urban Expansion: Evidence from Chinese Cities	De Tong and Jun Chu	Peking University Shenzhen Graduate School
185	Reconstructing the New Field of Inner City Renaissance: Foreign Night-time Economic Research and Its Enlightenment to China	Xiaojin Cao and Xigang Zhu	Nanjing University
256	Village Collective-led Rural Economic Diversification: A Case Study of Dongshan Town, Suzhou	Mengchuan Liu and Yiwen Wang	Xi'an Jiaotong-liverpool University

Session 8.5: Big data mining & analysis (I)
Chair: Jianxiang Huang
Tencent Room ID:214 486 832

Abstract ID	Abstract title	Authors	Affiliation
149	Difference of attraction and type identification of commercial centers in Shenzhen based on mobile signaling data	Dumei Jiang, Qian Liu, Shanyou Duan and Yulin Jiang	Shenzhen University
295	Evaluating place branding communication through the Lens of Crowdsourced Data: A Case Study of Greenway in Eastern Guangzhou, China	Miaoxi Zhao and Haiyan Lu	Harbin Institute of Technology, Shenzhen
495	The image of the City on social media: A comparative study using “Big Data” and “Small Data” methods in the Tri-City Region in Poland	Jianxiang Huang, Hanna Obracht-Prondzynska, Dorota Kamrowska-Zaluska, Yiming Sun and Lishuai Li	University of Hong Kong
159	Analysis On The Characteristics And Influencing Factors Of Commuting Efficiency In Shenzhen Using Cellphone Big Data	Yulin Jiang, Qian Liu, Yan Zhang, Ziyin Gong and Siting Dai	Shenzhen University

Session 8.6: Smart technologies and transportation
Chair: Shanqi Zhang
Tencent Room ID:391 408 505

Abstract ID	Abstract title	Authors	Affiliation
91	Influence and Enlightenment of Mobile Network on Social Life in Public Space	Xinjie Chen and Miao Xu	Chongqing University
259	Rail transit cooperative work mode based on BIM + GIS integrated system	Zishuo Liu, Haishan Xia and Chun Zhang	Beijing Jiaotong University
151	Walkability Scoring: Why and How does a Three-dimensional Pedestrian Network Matter?	Jianting Zhao, Guibo Sun and Chris Webster	University of Hong Kong
450	Research on Female 's Space Safety Perception and Environmental Safety Characteristics at Night Based on Emotional Computing ——Take HCB Road and HEB Road in Hefei as example	Manli Guo, Meng Zhu and Yue Wang	Anhui Agricultural University

September 12 (Sunday): 20:30 - 22:10

Session 9.1: Housing and urban renewal (II)

Chair: Xin Li

Tencent Room ID:675 282 924

Abstract ID	Abstract title	Authors	Affiliation
371	Shijingpo Street, Chongqing: A study on community renewal and governance of industrial and mining enterprises based on human assets	Yue Ji	Chongqing University
414	The process and spatial evolution of art-led gentrification of typical villages in urban fringe areas -- A case study of Caochangdi Village, Cuigezhuang Township, Beijing	Tingting Yang	Beijing Forestry University
303	Redesigning Community Life Circle to Support Aging-in-Place in Old Residential Communities: A Case Study in Suzhou	Yanru Lu and Bing Chen	Xi'an Jiaotong-liverpool University

Session 9.2: Impacts of urban and neighborhood service on housing

Chair: Wen Jiang

Tencent Room ID:432 913 121

Abstract ID	Abstract title	Authors	Affiliation
192	From Proximity to Quality: The capitalization of public facilities into housing prices	Yue Shen and De Tong	Peking University Shenzhen Graduate School
43	How is the Commercial Real Estate Market Fairing During the 2019 Novel Coronavirus (COVID-19)?	Yijia Wen, Li Fang and Qing Li	Florida State University
232	The Housing Class of Urban Households and Its Influencing Factors——Based on CFPS2018	Zhuo Wang, Jinting He and Yue Gong	Wuhan University, Peking University Shenzhen Graduate School
400	What will affect our life satisfaction? ——the effect of built environment, family conditions and marriage	Wei Kai Hong, Jing Zhu and Si Qi Ma	Northwest University
36	A systematic review on residential mobility and implications for Chinese studies	Wen Jiang, Mingjie Sheng and Heping Li	Chongqing University

Session 9.3: Built environment and travel behavior
Chair: Tao Tao
Tencent Room ID:321 370 748

Abstract ID	Abstract title	Authors	Affiliation
99	Exploring the heterogeneous nonlinear effects of built environment attributes on driving, transit use, and active travel	Tao Tao and Jason Cao	University of Minnesota
245	Exploring Non-linear Built Environment Effects on Commuting Choices: an empirical study in Cascadia region	Yefu Chen and Junfeng Jiao	the University of Texas at Austin
389	Nonlinear and interaction effects of land use and motorcycles/E-bikes on car ownership	Qifan Shao, Wenjia Zhang, Xinyu Cao and Jiawen Yang	Peking University Shenzhen Graduate School
356	Non-linear influences of the built environment on older adult's walking duration: Focusing on age and retirement status differences	Wu Jiani, Wang Lanjing, Wang Wenxiao and Zhang Yi	Shanghai Jiaotong University

Session 9.4: Transportation safety and equity
Chair: Quan Yuan
Tencent Room ID:480 316 662

Abstract ID	Abstract title	Authors	Affiliation
82	The Geography of Freight trucks-related Crashes in Major Trade Gateways: Evidence from the Los Angeles Metropolitan Area	Chao Yang, Mingyang Chen and Quan Yuan	Tongji University
469	Measuring the spatial disparity between two walking behaviors: a new approach using machine learning and self-report data	Yuxiao Jiang, Yi Lu and Long Chen	City University of Hong Kong; Tianjin University
327	Vulnerability Assessment of Accessibility to Emergency and Lifesaving Facilities	Chih-Hao Wang, Na Chen and Craig Olwert	Sun Yat-sen University

Session 9.5: Urban agglomeration economy

Chair: Yangyi Wu

Tencent Room ID:283 650 991

Abstract ID	Abstract title	Authors	Affiliation
7	Assessing And Analyzing The Economic Resilience of Urban Agglomerations For Disaster Risk: A Case Study Of The Yangtze River Delta, China	Wenxuan Du and Yijun Shi	Zhejiang A&F University
44	Amenity, firm agglomeration, and local creativity of producer services in Shanghai	Yangyi Wu, Yehua Dennis Wei and Han Li	University of Utah
355	Does the Development Zone Really Promote the Spatial Agglomeration and Productivity of Firms? —— Based on the Empirical Analysis of Nanjing and Suzhou	Pengcheng Zhu, Jianglong Chen and Jinglong Gao	Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences
468	Spillover Effect of Administrative divisions on Urban Land Use	Pengrui Wang and Chen Zeng	Huazhong Agricultural University

Session 9.6: Big data mining & analysis (II)

Chair: Xiang Yan

Tencent Room ID: 757 942 075

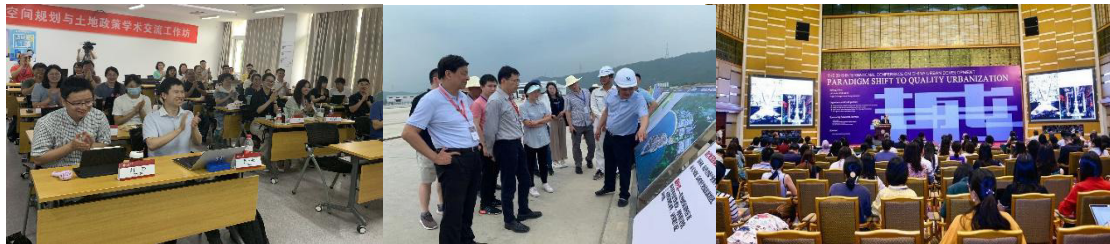
Abstract ID	Abstract title	Authors	Affiliation
42	Do e-scooters fill mobility gaps and promote equity before and during COVID-19? A spatiotemporal analysis using open big data	Xiang Yan, Wencui Yang and Xilei Zhao	University of Florida
235	Building urban resilience to extreme heat using GPU-accelerated urban microclimate modelling	Xiaojiang Li	Temple University
53	Understanding gender differences in attitudes toward transit services across space and time: A social media mining approach	Shuli Luo and Ying He	The Chinese University of Hong Kong
339	Understanding the effect of new electricity progressive tariff system on residential building energy use in Seoul with multisource big data	Steven Jige Quan	Seoul National University
248	Research on coordinated development of rail transit stations and cities based on Data Decision Technology	Haishan Xia	BeijingJiaotong University

Session 9.7: Smart technologies and urban space
Chair: Xueming Chen
Tencent Room ID:752 581 636

Abstract ID	Abstract title	Authors	Affiliation
	Public Space Governance and Internet of Things: How to Manage Dockless Bikes Using Urban Sensors	Sihan Mao and Dayong Li	Urban XYZ
499	Smart Technologies and Aging Society	Xueming Chen	Virginia Commonwealth University
19	Beyond Word2vec: An approach for urban functional region extraction and identification by combining Place2vec and POIs	Wei Zhai	Hong Kong Baptist University
369	Measuring Geographical Awareness among Cities in China	Xinyue Ye	Texas A&M University
426	Predictions of Energy Demand from Electric Vehicles under Future Development Scenarios in Seoul – Perspectives from Technology Penetration, Infrastructure Expansion and Aging Society	Haylin Kim and Steven Jige Quan	Seoul National University



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Urban Development and Planning
Land Policy
Housing Policy
Urban Policy and Sustainable Development



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City Quadrant (UrbanXYZ), incubated from Beijing Municipal Institute of City Planning & Design in 2016, has pioneered the use of geospatial data to understand population dynamics and built environment diagnoses. We support municipalities, businesses and citizens in governance and urban planning decisions. Our hardware and software solutions integrates Internet of Things, urban simulation and computer vision technologies with a mission of creating livable neighborhoods and tackling urban challenges like insecurity and inequity.



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