

RESEARCH SEMINAR

DEPARTMENT OF GEOGRAPHY & RESOURCE MANAGEMENT
THE CHINESE UNIVERSITY OF HONG KONG

Urban Governance under the Influence of Digital Technologies: From Public Behavior to Government Decision-Making

3rd April 2025 (Thu)
4:30 – 6:00 pm (UTC+8)
Rm 221, Chen Kou Bun
Building, CUHK

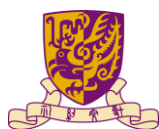
Digital technologies and artificial intelligence are exerting a comprehensive impact on urban economy, daily life, and governance. Timely understanding of urban socio-economic transformations driven by these technologies is of great significance for urban policy making. Based on a series of recent research by the speaker, the talk will systematically assess the influence of digital technologies from two dimensions: the daily life behaviors of the public, and the decision-making behaviors of government officials. The former dimension includes three specific studies: a study on the impact of AI on urban employment based on job posting big data from Zhaopin.com, a study on the impact of digital community governance on residents' satisfaction using data from the People's Daily Online Message Board, and an assessment of the comprehensive travel behavior impacts of remote work. Regarding the latter governmental dimension, the presentation will share insights from decision-making experiments on government personnel's perceptions and utilization of digital technologies.



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Prof. Liu is an Assistant Professor at the School of Government, Peking University. Her research focuses on urban smart governance, urban modeling, and policy evaluation. She is the author of the monograph *Smart Urban Management: New Data, New Technologies, and Human-Machine Collaborative Decision-Making*. She has published over 40 papers in both Chinese and English. Her work has been recognized as an ESI Highly Cited Paper, awarded the Paper Award by *Regional Science Policy & Practice*, and ranked among the "Most Downloaded Papers" on the SSRN platform and in SSCI journals. She has led multiple research projects, including grants from the National Natural Science Foundation of China, the National Social Science Foundation of China, and the Beijing Social Science Foundation. Additionally, she serves as a Council Member of the Chinese Public Administration Society and the China Regional Science Association and a Senior Expert for the EU's International Urban and Regional Cooperation.



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