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**City+ 2022 @ Canberra:  
An International Conference for Early Career  
Researchers and PhD Students on Urban Studies**

# CITY+2022

# CANBERRA





# CONFERENCE PROGRAM

**OPENING SPEECH** Professor Renée Fry-McKibbin  
Interim Director of Crawford School of Public Policy  
Australian National University

## Session 1

## Theme 1: Housing in Changing Society

### Session Chairs



**Prof. Steven Rowley**  
School of Accounting,  
Economics & Finance,  
Curtin University

**A/Prof. Ilan Wiesel**  
School of Geography,  
Earth & Atmospheric  
Sciences, University of  
Melbourne



**Shuang Wu** School of Public Affairs, Zhejiang University, China  
Do more efficient buildings lead to lower household energy consumption for cooling: Evidence from Guangzhou, China

**Adelle Mansour** Centre for Health Policy, Melbourne School of Population and Global Health, University of Melbourne, Australia  
The healthy housing index: A spatial tool for identification of potentially harmful housing in Australia

**Amber Howard** University of Melbourne  
Young adults living at home and mental health: The mediating roles of housing and socio-economic background

**Wenwei BAO** The Chinese University of Hong Kong, China  
Rent determinants of informal housing: A case study of subdivided units in Hong Kong

**Jingwen Gu** Wuhan Land Use and Urban Spatial Planning Research Center, China  
From equality to inequality: The case of socialist housing in a state-owned factory in China

**Chunyan Yang** Faculty of Design, Architecture and Building, School of Built Environment, University of Technology Sydney, Australia  
Associations between community parks and social interactions in master-planned estates in Sydney, Australia

**Yongkang Guan** Nankai University, China  
Spatial resistance and social exclusion: Spatial production practices in historic district renewal from the perspective of indigenous residents

**Sephira Yawen Luo** University of Sydney, Australia  
Public architecture as therapy

**Junxian Jiang** Sanda University, China  
Inclusion of old adults into digital governance in Shanghai in the context of COVID pandemic

**Anqi Yang** Beijing City University, China  
Research on the spatial distribution characteristics of urban innovation space based on spatial data analysis

**Yueh-Sung Weng** The University of Manchester  
Adopting an analytical framework to examine the role of community-led housing renewal in the overall Taiwanese housing context



## Session 2

## Theme 2: Net-Zero Carbon Emission Cities & Sustainable Development

### Session Chairs



#### Dr. Lee White

School of Regulation & Global Governance & Zero Carbon Energy in the Asia-Pacific Grand Challenge, ANU

#### Dr. Yuan Peng

Fenner School of Environment, Society & Zero Carbon Energy in the Asia-Pacific Grand Challenge, ANU



**Amali** Shanghai Jiao Tong University, China

Research on the path of industrial heritage renewal and transformation to promote sustainable urbanization from the perspective of carbon neutrality

**Chen Zhang** School of Economics and Management, China University of Petroleum, China

Towards carbon neutrality by improving carbon efficiency: A system-GMM dynamic panel analysis for 131 countries' carbon efficiency

**Ran Wang** College of Economic and Social Development, Nankai University, China

Investigating the intensity and extent of heat island by adopting local climate zone scheme

**Zhixuan Ji** University of Chinese Academy and Social Sciences, China

Can low-carbon city pilot program contribute to green development? Evidence from Chinese cities

**Hengcai Chen** Department of Architecture and Built Environment, the University of Nottingham Ningbo China

Research on carbon emission peak and carbon neutral pathways based on LEAP model: A case of Ningbo

**Shuyu Sun** China-UK Low Carbon College, Shanghai Jiao Tong University, China

Spatial-temporal patterns of disparities in residential energy use in process of urbanization in China

**Lu Cheng** The Bartlett School of Construction and Project Management, University College London, United Kingdom

Bigger cities better climate? Results from an analysis of urban areas in China

**Kevin Santus** Politecnico di Milano, Italy

A cultural pathway towards adaptation: Learning from "The New Architecture and the Bauhaus" by Walter Gropius

**Mehrafarin Takin** Faculty of Design, Architecture and Building, University of Technology Sydney, Australia

Towards green infrastructure planning for a flood resilient city: A literature review

**Yanan Wang** College of Economics and Management, Northwest A&F University, China

Spatial structure and carbon emission of urban agglomerations: Spatiotemporal characteristics and driving forces

**Chang Wang** Fudan University, China

Carbon emission trading system and firm dynamics in China

**Ruyi Li** School of Environment, Tsinghua University, China

Research on the evaluation of the future urban wastewater system patterns in China

**Zhenghou Xu** Beijing University of Technology, Faculty of Architecture, Civil and Transportation Engineering, China

Research on carbon reduction paths and strategies of urban residential area operation stage

**Linghao Meng** Graduate School of Environmental Studies, Tohoku University, Japan

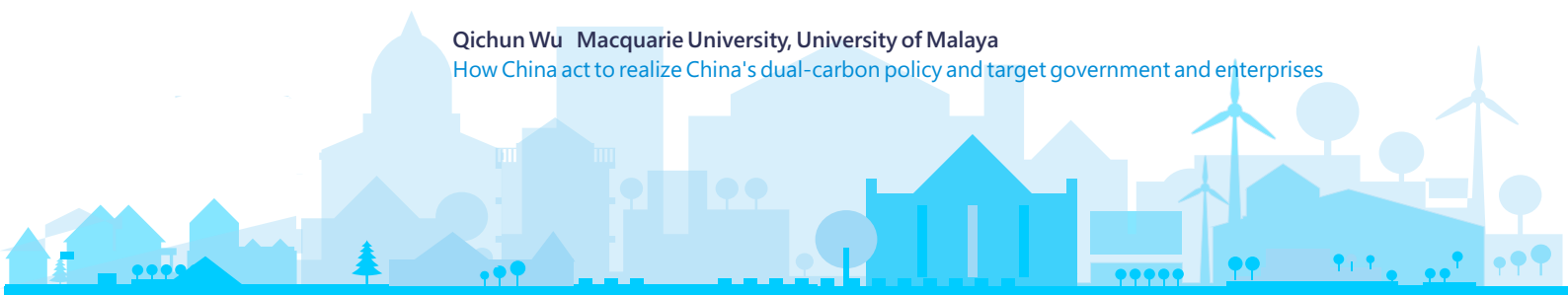
Impacts of energy transition on life cycle carbon emission and water consumption in Japan's electric sector

**Xiangyu Shi** Yale University, United States

Carbon emission regulation, input-output networks, and firm dynamics: The case of low-carbon city pilot in China

**Qichun Wu** Macquarie University, University of Malaya

How China act to realize China's dual-carbon policy and target government and enterprises



## Session 3

## Theme 3: Urban Governance & Planning

### Session Chairs



#### Dr. Tong Zhang

Centre for Energy &  
Environmental Policy  
Research, Beijing  
Institute of Technology

#### Dr. Deepti Prasad Siddabathuni

School of Architecture,  
Design & Planning,  
University of Sydney



**Jifei Zhang** Institute of Mountain Hazards and Environment, Chinese Academy of Sciences, China  
[Assessing the recreation service capacity of urban parks from the perspective of 'fairness-efficiency-perception': A case study of Chengdu, China](#)

**Jingya Dai** Department of Geography and Resource Management, The Chinese University of Hong Kong, China  
[Just about more data? State environmental regulation of cities in a data-driven context](#)

**Dirong Xu** School of Economics and Management, China University of Geosciences (Wuhan), China  
[How to measure the governance capacity modernization level of megacities? Evidence from Wuhan in China](#)

**Chenyi Zhang** School of Environmental Science and Engineering, Shanghai Jiao Tong University, China  
[A data driven approach to predict China's municipal solid waste toward smart cities](#)

**Luis Hernando Lozano Paredes** University of Technology Sydney, Australia  
[Emergent transportation "Platforms" in Latin America: Online communities and their governance models](#)

**Fuyu Zhang** School of Economics and Management, China University of Petroleum (East China), China  
[Do environmental regulation and urbanization help decouple economic growth from water consumption at national- and subnational- scale in China?](#)

**Qihao Wang** LAY-OUT Planning Consultants Co., Ltd, China  
[Case study on Songshan lake science city of China](#)

**David Carrignon** Global Business Area Mobility, Arcadis, United Kingdom; School of Architecture and Cities, University of Westminster, United Kingdom  
[Investigating future mobility and travel behavioural change: London commuter towns in a post COVID-19 era](#)

**Ye Lyu** Hong Kong University of Science and Technology, China  
[The right to be monitored: Spatial inequality of air pollution monitoring siting in Beijing, China](#)

**Ting Wang** School of Transportation, Southeast University, China  
[Promoting the sustainable development of the ride-hailing service: From the perspective of improving the satisfaction of passengers with cars and without cars](#)


**Peiheng Yu** The Hong Kong Polytechnic University, China  
[Embedding of spatial equity in a rapidly urbanising area: Walkability and air pollution exposure](#)

**Weifeng Su** Nankai University, China  
[The realization process of state-led rural gentrification: Rural tourism practice in Pingnan, China](#)

**Jing Zhou** Shanghai University, Shanghai Academy of Fine Arts, Department of Architecture, China  
[A study on children's school travel mode from the perspective of sharing mobility—the case of Suzhou industrial park in China](#)

**Yuan Liang** Department of Geography, Hong Kong Baptist University, China  
[Panacea or placebo? Exploring causal effects of non-local vehicle driving restriction policies on traffic congestion using difference-in-differences approach](#)





Yixuan Zhang Bartlett School of Sustainable Construction, University College London, United Kingdom  
Evaluation of low-carbon city pilot policy effect on marginal abatement cost of carbon dioxide in China: An empirical evidence based on QDDF and time-varying DID models

Chunjiang Li College of Urban and Environmental Sciences, Peking University, China, School of Business, Economics and Law, Gothenburg University, Sweden  
From mobility-based accessibility to proximity-based accessibility: What can we learn from community life circle?

Federico Camerin Universidad UVA de Valladolid – Universidad Politécnica de Madrid, Spain  
The Spanish integrated sustainable urban development strategies. A comparison between A Coruña and Logroño



## CLOSING SPEECH

Professor Paul Burke  
Head of the Arndt–Corden Department of Economics  
Deputy Director of the Crawford School of Public Policy  
Australian National University

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**Reminder:** For more session details related to the agenda, please refer to 'City+ Conference Agenda 2022' the pdf file attached in your email. Thank you.





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Prabhasri Herath, PhD Candidate, Fenner School of Environment and Society, ANU

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