



UK-China Workshop on Energy and Climate Change Economics

(London + online)

Date: 3rd and 4th December 2021

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Hosted by:

- The Bartlett School of Sustainable Construction, University College London (BSSC-UCL)
- Center for Energy and Environmental Policy Research, Beijing Institute of Technology (CEEP-BIT)

Funded by:

- The British Council
- The National Natural Science Foundation of China

Chairs:

- Hua Liao, Beijing Institute of Technology
- Zhifu Mi, University College London

Background

International collaborations are critical in addressing the global challenges of climate change and achieving the goal of worldwide fossil energy reduction. The UK is the first major economy to legitimize net-zero emissions of all greenhouse gases by 2050. China, the second largest economy, has also announced its goals to reach carbon neutrality before 2060. The workshop will serve as a platform for researchers and practitioners to share the most recent ideas, outcomes, and practices on energy and climate change economics. It aims to form a sustainable collaboration mechanism between both sides.

Agenda

Date: 3rd December 2021

Venue: 102 - Drama Studio, UCL Institute of Education (IOE), 20 Bedford Way, London WC1H 0AL

Time	Topic	Speaker	Title and affiliation
Opening Session			
09:00-09:10 (London) 17:00-17:10 (Beijing)	Opening remarks	Christoph Lindner	Professor and Dean of The Bartlett Faculty at University College London (UCL)
09:10-09:20 (London) 17:10-17:20 (Beijing)	Opening remarks	Yi-Ming Wei	Professor and Vice President of Beijing Institute of Technology (BIT)
09:20-09:30 (London) 17:20-17:30 (Beijing)	Introduction on the workshop	Zhifu Mi	Associate Professor at The Bartlett School of Sustainable Construction (BSSC) at UCL
Keynote Speech Session Chair: Zhifu Mi			
09:30-09:55 (London) 17:30-17:55 (Beijing)	Going Nuclear: the importance of UNECE's recent announcement to achieving sustainable energy transitions	D'Maris Coffman	Professor and Director of The Bartlett School of Sustainable Construction (BSSC) at UCL
09:55-10:20 (London) 17:55-18:20 (Beijing)	The circular economy in China: achievements, challenges and potential implications for decarbonisation	Raimund Bleischwitz	Professor and Director of The Bartlett School of Environment, Energy and Resources (BSEER) at UCL
10:20-10:45 (London) 18:20-18:45 (Beijing)	Coffee Break		
10:45-11:10 (London) 18:45-19:10 (Beijing)	How do demand-side policies contribute to the electrification and decarbonization of private transportation in China? A CGE-based analysis	Qiao-Mei Liang	Professor and Head of the Research Division of Energy-Climate-Economy Integrated System Modeling in Center for Energy and Environmental Policy Research (CEEP) at BIT
11:10-11:35 (London) 19:10-19:35 (Beijing)	The disamenity impact of solar farms: A Hedonic analysis	David Maddison	Professor and Director of the Birmingham Centre for Environmental and Energy Economics and Management (BCEEEM) at University of Birmingham
11:35-12:00 (London) 19:35-20:00 (Beijing)	<i>Nature Climate Change</i> and its interests on economics (TBC)	Bronwyn Wake	Chief Editor of <i>Nature Climate Change</i>
12:00-13:00 (London) 20:00-21:00 (Beijing)	Lunch		
Invited Speech Session Chair: Peter Ye			
13:00-13:20 (London) 21:00-21:20 (Beijing)	Net zero infrastructure development – the need for circular economy solutions	Patrick Schröder	Senior Research Fellow at Chatham House
13:20-13:40 (London) 21:20-21:40 (Beijing)	A multi-factor integrated model for carbon price forecasting: Market interaction promoting carbon emission reduction	Lu-Tao Zhao	Professor and Deputy Director of the Center for Energy and Environmental Policy Research at BIT

13:40-14:00 (London) 21:40-22:00 (Beijing)	Water 4.0: The digital transformation of the water sector	Evina Katsou	Professor and Course Director of the Water Engineering MSc at Brunel University
14:00-14:20 (London) 22:00-22:20 (Beijing)	Cleaner Production and Life Cycle Thinking in Pulp and Paper Industry Towards Carbon Neutrality	Yutao Wang	Professor and Executive Director of Fudan Tyndall Centre at Fudan University
14:20-14:40 (London) 22:20-22:40 (Beijing)	Resource resilient foundries: Transition to net zero	Konstantinos Salonitis	Professor and Head of Sustainable Manufacturing Systems Centre and the Deputy Director of the Manufacturing Theme at Cranfield
14:40-15:00 (London) 22:40-23:00 (Beijing)	Sustainable and just energy transitions in the global south	Chuan Liao	Assistant Professor at Arizona State University
15:00-15:20 (London) 23:00-23:20 (Beijing)	Coffee Break		
Journal Editor Session Chair: D'Maris Coffman			
15:20-17:00 (London) 23:20-01:00 (Beijing)	Introduction on journals and tips for academic publishing	Journal editors	Co-Editor, <i>Climate Change Economics</i> Co-Editor-in-Chief, <i>Energy and Climate Change</i> Co-Editor-in-Chief, <i>Journal of Cleaner Production</i> Co-Editor-in-Chief, <i>Structural Change and Economic Dynamics</i> Co-Editor-in-Chief, <i>World Development</i>
17:00-19:00 (London) 01:00-03:00 (Beijing)	Dinner		

Date: 4th December 2021

Venue: 780/784/790, UCL Institute of Education (IOE), 20 Bedford Way, London WC1H 0AL

There will be three parallel sessions.

Time	Topic	Venue
09:00-09:20 (London) / 17:00-17:20 (Beijing)	Parallel Session Chair Speech	780 784 790
09:20-10:20 (London) / 17:20-18:20 (Beijing)	Parallel Session Presentation	
10:20-10:40 (London) / 18:20-18:40 (Beijing)	Coffee Break	
10:40-12:00 (London) / 18:40-20:00 (Beijing)	Parallel Session Presentation	
12:00-13:00 (London) / 20:00-21:00 (Beijing)	Lunch	
13:00-14:00 (London) / 21:00-22:00 (Beijing)	Parallel Session Presentation	
14:00-15:00 (London) / 22:00-23:00 (Beijing)	Parallel Round-table Discussion	
15:00-15:20 (London) / 23:00-23:20 (Beijing)	Coffee Break	784
15:20-16:20 (London) / 23:20-00:20 (Beijing)	Presentation of Outcomes in Round-table Discussion	
16:20-16:30 (London) / 00:20-00:30 (Beijing)	Ending Remarks	