CHANG WANG

[Personal Website] ⋄ changwangclaire@ruc.edu.cn

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ACADEMIC APPOINTMENTS

Renmin University of China — September, 2026-
Assistant Professor in Environmental Economics — *Beijing, China*

EDUCATION

Fudan University — September 2019 - June 2024
Ph.D. in Economics — *Shanghai, China*
Advisors: Shiyi Chen, Wing Thye Woo

Ocean University of China — September 2015 - June 2019
B.A. (with distinction) in Economics — *Qingdao, China*

PAST POSITIONS

University of Michigan — September, 2024- August, 2026
Erb Postdoctoral Fellow at the Erb Institute for Global Sustainable Enterprise — *Ann Arbor, the U.S.*
Advisors: Thomas Lyon, Eric Zou

German Centre for Integrative Biodiversity Research — July 2025 - August 2025
Visiting researcher — *Leipzig, Germany*
Host: Martin Quaas

National University of Singapore — September 2023 - March 2024
Predoctoral Fellow at NUS Business School — *Singapore*
Advisors: Yupeng Lin, Yibin Liu

University of Warwick — June 2022 - August 2022
Visiting Ph.D. Student at Warwick Business School — *Coventry, the U.K.*
Advisor: Michael Bradshaw

Yale University — August 2021 - May 2022
Fox International Fellow at MacMillan Center [Link] — *New Haven, the U.S.*
Visiting Ph.D. Student at the Environmental and Natural Resource Economics Group, School of the Environment

PEER-REVIEWED PUBLICATIONS

Economics (∗ denotes corresponding authorship)

Xiangyu Shi*, **Chang Wang**. Carbon emission regulation, input-output networks, and firm dynamics: The case of low-carbon zone pilot in China. **Economic Journal**. Accepted. [Paper]

Jiaowei Gong, Xiangyu Shi*, **Chang Wang***, Xin Zhang* (2024). Extreme high temperatures and adaptation by social dynamics: Theory and evidence from China. **Journal of Economic Behavior & Organization**.[Paper]

Xiangyu Shi*, **Chang Wang** (2024). Carbon emission trading and green transition in China: The perspective of input-output networks, firm dynamics, and heterogeneity. **International Journal of Industrial Organization**. [Paper]

Yalin Song, **Chang Wang*** (2024). Pricing effects of extreme high temperature: Evidence from municipal corporate bonds in China. **Economics Letters**. [Paper]

Chang Wang, Yue Guo, Yu Yang, Shiyi Chen* (2022). The environmental benefits of electricity industry restructuring in China: Ownership mixing vs. vertical unbundling. **Energy Economics**. [Paper]

Wangyang Lai, Hong Song, **Chang Wang**, Huanhuan Wang* (2021). Air pollution and brain drain: Evidence from college graduates in China. **China Economic Review**. [Paper]

Environmental, Sustainability, and Interdisciplinary Studies ($*$ denotes corresponding authorship; # denotes shared first authorship)

Chang Wang[#], Yue Guo[#], Daoping Wang, Frederik Dahlmann*, Yueming Lucy Qiu, Xiaoyan Zhou, Shuai Shao*, Wing Thye Woo, Yue Tang, and Shiyi Chen* (2026). Net-zero transitions through finance: Heterogeneous effects of sustainable finance policies across economies and policy designs. **Business Strategy and the Environment**.[Paper]

Yue Guo, Jessie Poon, **Chang Wang**, Yu Yang (2023). China's national oil companies going global and coming home: State–firm nexus, global financial networks, and geopolitical risks. **Geoforum**. [Paper]

Shiyi Chen*, **Chang Wang**, Yue Guo, Yu Yang (2023). International and domestic leadership for fulfilling carbon neutrality in emerging economies: Comparative evidence from China and India. **Journal of Chinese Governance** (Included in book publication "Chinese Governance and Transformation Towards Carbon Neutrality"). [Paper]

Yue Guo, Yu Yang, Michael Bradshaw, **Chang Wang**, Mathieu Blondeel (2023). Globalization and decarbonization: Changing strategies of global oil and gas companies. **Wiley Interdisciplinary Reviews-Climate Change**. [Paper]

Shuai Shao[#], **Chang Wang**[#], Kuo Feng[#], Yue Guo, Fan Feng, Yuli Shan*, Jing Meng*, Shiyi Chen* (2022). How do China's lockdown and post-COVID-19 stimuli impact carbon emissions and economic output? Retrospective estimates and prospective trajectories. **iScience**. [Paper]

Shuai Shao, **Chang Wang**, Yue Guo, Baichen Xie*, Zhihua Tian, Shiyi Chen* (2022). Heterogeneous performances and consequences of China's industrial environmental governance: Clean production vs. end-of-pipe treatment. **Journal of Environmental Planning and Management**. [Paper]

Yue Guo, Yu Yang*, **Chang Wang**. (2021). Global energy networks: Geographies of mergers and acquisitions of worldwide oil companies. **Renewable and Sustainable Energy Reviews**. [Paper]

Shuai Shao[#], **Chang Wang**[#], Yue Guo[#], Lili Yang, Shiyi Chen*, Jinyue Yan, Yuli Shan, Zhu Liu, Dabo Guan* (2020). Enlarging regional disparities in energy intensity within China. **Earth's Future**. [Paper]

Chang Wang, Yue Guo, Shuai Shao*, Meiting Fan, Shiyi Chen* (2020). Regional carbon imbalance within China: An application of the Kaya-Zenga index. **Journal of Environmental Management**. [Paper]

Publication in Chinese

陈诗一 (Shiyi Chen), **王畅 (Chang Wang)**, 郭越 (Yue Guo) (2024). 面向碳中和目标的中国工业部门减排路径与战略选择（Strategic measures and pathway towards China's industrial carbon neutrality）. **管理科学学报 (Journal of Management Sciences in China)** (Leading article). [Paper]

FUNDED RESEARCH EXPERIENCE

Michigan Institute for Data & AI in Society Research Fund 2025-2026
Artificial intelligence (AI) tools for biodiversity conservation *University of Michigan*
5,000 USD *Principal Investigator*

Peking University–Lincoln Institute Dissertation Fellowship 2023-2024
How carbon regulation affects technological innovation: Theory and evidence from China *Peking University*
40,000 RMB *Principal Investigator*

Fox International Fellowship 2021-2022
How to achieve China's industrial carbon neutrality: Evidence based on energy planning model and marginal abatement cost *Yale University*
30,000 USD *Principal Investigator*

CONFERENCE PRESENTATION

2026: LSE Environment Week, WCERE, University of Padova, IPWSD Columbia

2025: UM-MSU Energy and Environmental Economics Day workshop, German Centre for Integrative Biodiversity Research, Governance and Sustainability Ph.D. Workshop at HKU, CAERE, IJIO Special Issue on Industrial Organization and Industrial Policy Conference at HKU, IPWSD Columbia

2024: The 19th Economics Graduate Student Conference at the Washington University in Saint Louis

2023: CAERE, Asia Meeting of the Econometric Society, SGFIN Research Conference on Sustainability at NUS

2022: Annual Meeting of the China Division of the Regional Studies Association, CityPlus Conference at the Australian National University, Royal Geographical Society Annual Meeting, Energy and Environmental Economics Seminar of China Economics Annual Conference, University of Warwick, AERE @ the Midwest Economics Association Annual Conference, Ph.D. Consortium in China Studies at the USC, Yale University, Fudan University

2021: USAEE/IAEE North American Conference, Yale University, Fudan University

2020: China Energy Economics and Management Annual Conference, Xiangzhang Economic Forum "Cloud Seminar"

2019: China Conference on Geography

PROFESSIONAL SERVICE

Referee

Economics: Journal of Environmental Economics and Management, Journal of Economic Behavior and Organization, Energy Economics, China Economic Review, Journal of Asian Economics, Economics of Transition and Institutional Change, China and World Economy, Summer Conference of the Association of Environmental and Resource Economics (2)

Earth and Environmental Studies: Energy Strategy Reviews, Marine Policy, Journal of Environmental Planning and Management, Annual Meeting of the Academy of Management

Institutional Responsibilities

2021-2026: Executive Committee Member, Energy Geographies Research Group within the Royal Geographical Society (with the Institute of British Geographers (IBG))

2021-2024: Executive Committee Member, Climate Change Economics Seminar Series, University College London (UCL)