RONG MA Ph.D.

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EDUCATION

School of Economics and Management, Tsinghua University Beijing, China
Ph.D. in Economics 2014 - 2019

School of Finance, Renmin University of China Beijing, China
Bachelor in Economics 2010 - 2014

EMPLOYMENT

Associate Professor | China Agricultural University 2023 - Present
College of Economics and Management

Post-doc | Beihang University 2019 - 2022
School of Economics and Management

RESEARCH AREAS

- **Energy Economics**
- **Environmental Economics**

PUBLICATIONS

- Jing Cao, Xiao (Tracy) Liu, Rong Ma, Ang Sun, Anti-social responses to the "Coal to Gas" regulation: An unintended consequence of a residential energy policy, **Management Science**, 2025.

- Jing Cao, Mun S. Ho, Rong Ma, Yu Zhang. Transition from plan to market: Imperfect regulations in the electricity sector of China. **Journal of Comparative Economics**, 2024.

- Rong Ma, Junlian Gao, Chenghe Guan, Bo Zhang. Coal mine closure substantially increases terrestrial water storage in China. **Communications Earth & Environment**, 2024.

- Jing Cao, Rong Ma. Mitigating agricultural fires with carrot or stick? Evidence from China. **Journal of Development Economics**, 2023.

- Jing Cao, Mun S. Ho, Rong Ma, Fei Teng. When carbon emission trading meets a regulated industry: Evidence from the electricity sector of China. **Journal of Public Economics**, 2021.

- Rong Ma, Ke Li, Yixin Guo, Bo Zhang, Xueli Zhao, Soren Linder, ChengHe Guan, Guogian Chen, Yujie Gan, Jing Meng. Mitigation potential of global ammonia emissions and related health impacts in the trade network. **Nature Communications**, 2021.

- Jing Cao, Mun S. Ho, Rong Ma. Analyzing carbon pricing policies using a general equilibrium model with production parameters estimated using firm data. **Energy Economics**, 2020.

WORKING PAPERS

- Jing Cao, Yu Lin, Rong Ma, Zhufeng Xu. Place-based energy policy and local development: Evidence from targeted solar expansion in China, 2025.

- Wenhui Chen, Rong Ma, Bo Zhang. State capacity and wildfire mitigation: Evidence from state-led forest conservation in China, 2025.

SKILLS

Languages: Chinese (native), English.

Programming: Stata, R, Python, MATLAB.

ACADEMIC SERVICES

Reviewers for: *Journal of Development Economics, Journal of Behavioral and Experimental Economics, International Journal of Industrial Organization , China Economic Review, Scientific Data*