

Chenfei QU

(+86) 159-1115-3690 / (+1) 435-224-0680

chenfeiqu@stanford.edu

www.chenfeiqu.com

APPOINTMENT

Stanford University	09/2025 – Present
Environmental Social Sciences, Doerr School of Sustainability	
Energy Postdoc Fellow	
<i>Mentors:</i> Solomon Hsiang and Lawrence H. Goulder	

EDUCATION

Tsinghua University	09/2020 – 08/2025
Institute of Energy, Environment, and Economy	
PhD in Management Science and Technology	
<i>Advisor:</i> Xiliang Zhang	
Tsinghua University	09/2016 – 08/2020
School of Environment	
BS in Environmental Engineering, Global Environment Program	
School of Economics and Management	
Minor in Economics	

RESEARCH VISITS & INTERNSHIPS

ZEW-Leibniz Centre for European Economic Research	09/2024 – 12/2024
<i>Visiting Researcher (Mentor: Sebastian Rausch)</i>	
World Bank DEC-Sustainability & Infrastructure	06/2022 – 09/2023
<i>Research Assistant (Mentor: Carolyn Fischer)</i>	
Kyoto University, Fujimori's Lab	07/2019 – 09/2019
<i>Research Assistant (Mentor: Shinichiro Fujimori)</i>	
Venice International University	02/2019 – 06/2019
<i>Exchange Student — Globalisation Program</i>	
National Development and Reform Commission	06/2018 – 12/2019
<i>Research Assistant (Mentor: Kejun Jiang)</i>	

PUBLICATIONS (Google Scholar: 173 citations, h-index: 8, as of 07/2026)

Working Papers

1. **Rate-Based Emissions Trading with Overlapping Policies: Insights from Theory and an Application to China.** Carolyn Fischer*, [Chenfei Qu](#)*, Lawrence H. Goulder. (*equal contribution)
 - Best Conference Paper Golden Prize, 2024 Conference of the Chinese Association of Environment and Resource Economists. *R&R at Journal of the Association of Environmental and Resource Economists*

2. **Did China’s Pilot Emissions Trading Scheme Reduce CO₂ Emissions? Evidence from a Meta-Analysis.** Yanxia Yu, Chenfei Qu, Tom Coupe, Mathilda Featherston-Lardeux, Andreas Loeschel, Arne R Weiss, Da Zhang. *R&R at Resource and Energy Economics*.

Selected Peer-reviewed Articles

1. **China’s Nationwide CO₂ Emissions Trading System: A General Equilibrium Assessment.** Lawrence H. Goulder, Xianling Long, Chenfei Qu, Da Zhang. *American Economic Journal: Economic Policy*, forthcoming. (Equal contribution, alphabetical order)
2. **Different Carbon Neutrality Strategies Induce Substantially Divergent Health Benefits and Distributional Impacts in China.** Da Gao* & Chenfei Qu*, Bin Zhao, Shuxiao Wang, Xiaodan Huang, Yisheng Sun, Yueqi Jiang, Zhongfeng Xu, Xiaocong Wang, Yicong He, Jiewen Shen, Dejie Yin, Haotian Zheng, Hongrong Shi, Zhe Jiang, Xiao-Wen Zeng, Yun Zhu, Biwu Chu, Hong He, Xiliang Zhang, Da Zhang. *Environmental Science & Technology*. 2025, 59, 50, 27517–27529. (*Equal contribution)
3. **The C-REM 4.0 model: A CGE Model for Provincial Analysis of China’s Carbon Neutrality Target.** Hantang Peng, Chenfei Qu, Valerie Karplus and Da Zhang. *Energy and Climate Management*, 2024, 01.
4. **Climate Actions, Persistent Pollutants, and Human Health: A Call for Integrated Assessments.** Shan Niu, Minghao Qiu, Li Li, Chenfei Qu, Da Zhang. *Environmental Science & Technology*, 2024, 58, 36, 15885–15887.
5. **Exploring US-China Climate Cooperation Through Linked Carbon Markets.** Alexander Li, Chenfei Qu, Xiliang Zhang. *Advances in Climate Change Research*, 2023, 14(1): 145–155.
6. **Estimating Health Co-Benefits of Climate Policies in China: An Application of the REACH framework.** Chenfei Qu, Xi Yang, Da Zhang and Xiliang Zhang. *Climate Change Economics*, 2020, 11(03): 2041004.

Other Publications

1. Economic and Environmental Impacts of China’s New Nationwide CO₂ Emissions Trading System: Results from a Numerical General Equilibrium Model. 2023. Asia Society Policy Institute.
2. **Resources for the Future Blog:** Assessing China’s New Nationwide Effort to Reduce Carbon Dioxide Emissions. 2024.
3. **VoxChina Blog:** China’s New Nationwide CO₂ Emissions Trading System: General Equilibrium Impacts. 2024.

RESEARCH PROJECTS

1. Co-Investigator, “Two Instruments, One Goal: A General Equilibrium Analysis of Emissions Trading System and Carbon Tax Coordination in the PRC”, funded by ADB (\$10,000), 2025.
2. Co-Investigator, “Economic Analysis of China’s National Carbon Market”, funded by Natural Resources Defense Council (\$100,000), 2025.
3. Co-Investigator, “Allowance Allocation Research of China’s National Carbon Market”, funded by Tsinghua-Toyota Research Center (\$100,000), 2023-2024.

FELLOWSHIPS AND AWARDS

1. Stanford Energy Postdoc Fellowship, 2025-2028
2. PhD Scholarship for Overseas Research Visit, Tsinghua University, 2024
3. Xie Zhenhua Global Practice Scholarship, Tsinghua University, 2024
4. Best Conference Paper Golden Prize, Conference of the Chinese Association of Environment and Resource Economists (CAERE), 2024

5. China National Scholarship for Graduate Students (the highest national scholarship awarded to Chinese graduate students, selection rate 0.2%), 2021
6. Outstanding Graduate Thesis, Tsinghua University, 2020
7. Outstanding Academic Performance in Globalization Program, Venice International University, 2019

CONFERENCE PRESENTATIONS AND INVITED TALKS

2026

- IAEE Webinar Series: “Emission Trading Scheme: Practice in China with focus on feasibility and effectiveness – Online”
- Stanford Energy Postdoctoral Fellowship Symposium: “China’s Emissions Trading System: Insights for Emerging Economies”

2025

- The annual Allied Social Science Associations (ASSA) meeting
- ADB ERDI Seminar Series: “Two Instruments, One Goal: A General Equilibrium Analysis of Emissions Trading System and Carbon Tax Coordination in the PRC”

2024

- Conference of the Chinese Association of Environment and Resource Economists (CAERE)
- Association of Environmental and Resource Economists (AERE) Conference
- Global Trade Analysis Project (GTAP) Annual Conference
- Workshop on Environmental and Energy Economics at Shanghai Jiao Tong University
- 2nd China Energy Model Youth Forum

2023

- NBER Environment and Energy Economics Program Meeting
- Mannheim Conference on Energy and the Environment
- Global Trade Analysis Project (GTAP) Annual Conference
- International Conference of China and Development Studies
- European Association of Environmental and Resource Economists (EAERE) Conference

REFeree SERVICE

American Economic Journal: Economic Policy, Nature Energy, Proceedings of the National Academy of Sciences (PNAS), Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Journal of Public Economics, International Journal of Industrial Organization, Resource and Energy Economics, Energy and Climate Management.

Awarded the Best Reviewers Award of IJIO, 2025.