

Chenfei QU

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Education

Institute of Energy, Environment and Economy, Tsinghua University

Beijing, China, 2020 – Present

Ph.D. Candidate of Management

School of Environment, Tsinghua University

Beijing, China, 2016 – 2020

B.S. in Environmental Engineering

School of Economics, Tsinghua University

Beijing, China, 2017 – 2020

Minor in Economics

Globalisation Program, Venice International University

Venice, Italy, 2019.2-2019.6

Research Interests

Climate change economics; Emission Trading Systems; Carbon Pricing; Air pollution;
General equilibrium modeling; Theoretical model; Integrated Assessment Models for
Climate change

Working Papers

1. China's Nationwide CO₂ Emissions Trading System: A General Equilibrium Assessment.(with Lawrence H. Goulder, Xianling Long, Da Zhang) National Bureau of Economic Research Working Paper series 31809:
<http://www.nber.org/papers/w31809>
2. Overlapping policies with tradable performance standards: Insights from emissions trading in China (with Carolyn Fischer, Lawrence H. Goulder) Working

Paper coming soon.

3. Health Impacts of Carbon Neutrality in China under Different Technological Solutions. Da Gao*, **Chenfei Qu***, Bin Zhao, Da Zhang, Xiliang Zhang, Shuxiao Wang. Working Paper coming soon. (* contribute equally).

Ongoing Projects

1. How effective were the Chinese regional emissions trading schemes? A meta-analytic answer.(with Mathilda Featherston-Lardeux, Andreas Löschel, Arne R. Weiss, Da Zhang) .

Selected Publications

1. Estimating health co-benefits of climate policies in China: an application of the Regional Emissions-Air quality-Climate-Health (REACH) framework. **Chenfei Qu**, Xi Yang, Da Zhang and Xiliang Zhang. *Climate Change Economics*, 2020, 11(03): 2041004.
2. 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

Honors and Awards

1. CAERE2024 Annual meeting Best Conference Paper Golden Prize, 2024 (1/96)
2. Xie Zhenhua Global Practice Scholarship, 2024
3. National Scholarship for Postgraduates, 2021
4. Best Graduate Thesis Finalists, Tsinghua University, 2020
5. Outstanding Academic Performance in Globalization Program (6/140), Venice International University, 2019
6. Tsinghua Student Research Traineeship Project Excellence Award (First Prize), Tsinghua University, 2019

Experience

1. RA at the World Bank (DEC-Sustainability & Infrastruct), 2022-2023
2. RA at the Kyoto University, Shinichiro Fujimori's Lab, 2019
3. Intern at the National Development and Reform Commission of China, 2018-2019

Presentations

2023 NBER Environment and Energy Economics Program Meeting, Mannheim Conference on Energy and the Environment, GTAP Conference, International Conference of China and Development Studies, European Association of Environmental and Resource Economists (EAERE) Conference, Association of Environmental and Resource Economists (AERE) Conference

2024 Association of Environmental and Resource Economists (AERE) Conference, GTAP Conference.

Other Research Projects

1. Analysis of the Impacts Of The EU's Carbon Border Adjustment Mechanism, 2021 – 2022
2. Analysis of the Real Demand For Crude Oil in China: An Input-Output Analysis Approach, 2020-2021