



## Chenfei Qu

Postdoctoral Scholar, Environmental Social Sciences

### Bio

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#### BIO

Chenfei Qu's research focuses on climate change economics, including emissions trading systems, carbon pricing, air pollution, and integrated assessment of climate and energy policies, with an emphasis on general equilibrium modeling for policy analysis in developing countries. She holds a Ph.D. in Management Science and Technology and a Bachelor's degree in Environmental Management, both from Tsinghua University. Chenfei Qu was a visiting scholar at the ZEW–Leibniz Centre for European Economic Research in 2024. Her work has been published in journals such as *Climate Change Economics*, *Advances in Climate Change Research*, and *Environmental Science & Technology*.

#### HONORS AND AWARDS

- Best Conference Paper Golden Prize, Conference of the Chinese Association of Environment and Resource Economists (CAERE) (2024)

#### STANFORD ADVISORS

- Solomon Hsiang, Postdoctoral Faculty Sponsor

#### LINKS

- personal website: <https://chenfeiqu.com/>

### Publications

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#### PUBLICATIONS

- **Different Carbon Neutrality Strategies Induce Substantially Divergent Health Benefits and Distributional Impacts in China.** *Environmental science & technology*  
Gao, D., Qu, C., Zhao, B., Wang, S., Huang, X., Sun, Y., Jiang, Y., Xu, Z., Wang, X., He, Y., Shen, J., Yin, D., Zheng, et al  
2025
- **Plausible global emissions scenario for 2 °C aligned with China's net-zero pathway.** *Nature communications*  
Zhong, J., Zhang, X., Zhang, D., Wang, D., Guo, L., Peng, H., Huang, X., Wang, Z., Lei, Y., Lu, Y., Qu, C., Zhang, X., Miao, et al  
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- **Climate Actions, Persistent Pollutants, and Human Health: A Call for Integrated Assessments** *ENVIRONMENTAL SCIENCE & TECHNOLOGY*  
Niu, S., Qiu, M., Li, L., Qu, C., Zhang, D.  
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- **Rate-Based Emissions Trading with Overlapping Policies: Insights from Theory and an Application to China**  
Fischer, C., Qu, C., Goulder, L.  
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- **Exploring US-China climate cooperation through linked carbon markets** *ADVANCES IN CLIMATE CHANGE RESEARCH*  
LI, A. F., Qu, C., Zhang, X.  
2023; 14 (1): 145-155
- **China's nationwide Co2 emissions trading system: A general equilibrium assessment**  
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- **Understanding China's largest sustainability experiment: Atmospheric and climate governance in the Yangtze river economic belt as a lens** *JOURNAL OF CLEANER PRODUCTION*  
Peng, M., Xu, H., Qu, C., Xu, J., Chen, L., Duan, L., Hao, J.  
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- **ESTIMATING HEALTH CO-BENEFITS OF CLIMATE POLICIES IN CHINA: AN APPLICATION OF THE REGIONAL EMISSIONS-AIR QUALITY-CLIMATE-HEALTH (REACH) FRAMEWORK** *CLIMATE CHANGE ECONOMICS*  
Qu, C., Yang, X., Zhang, D., Zhang, X.  
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- **Are China's Nationally Determined Contributions (NDCs) so bad?** *SCIENCE BULLETIN*  
Jiang, K., He, C., Qu, C., Dai, C., Zhang, Y., Chen, S., Xiang, P.  
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