

Chen (Charlie) FANG

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EDUCATION

Tsinghua University	Beijing, China
Ph.D. Student, Economics , School of Economics and Management (SEM)	2023 - 2028 (Expected)
Peking University	Beijing, China
B.S., Environmental Sciences , College of Environmental Sciences and Engineering (CESE)	2019 - 2023
B.A., Economics (Double Degree) , National School of Development (NSD)	2021 - 2023

RESEARCH INTEREST

Climate Change Economics, Environmental and Resource Economics, Urban and Spatial Economics

PUBLICATIONS

- “Negative emission technology is key to decarbonizing China’s cement industry” with Ming Ren, Teng Ma, Xiaorui Liu, Chaoyi Guo, Silu Zhang, Ziqiao Zhou, Yanlei Zhu, Hancheng Dai and Chen Huang. **Applied Energy** (2023), 329, 120254.
- “Global land-use and sustainability implications of enhanced bioenergy import of China” with Yazhen Wu, Andre Deppermann, Petr Havlík, Stefan Frank, Ming Ren, Hao Zhao, Lin Ma, Qi Chen, Hancheng Dai. **Applied Energy** (2023), 336, 120769.
- “Enhanced food system efficiency is the key to China’s 2060 carbon neutrality target” with Ming Ren, Chen Huang, Yazhen Wu, Andre Deppermann, Stefan Frank, Petr Havlík, Yuyao Zhu, Xiaotian Ma, Yong Liu, Hao Zhao, Jinfeng Chang, Lin Ma, Zhaohai Bai, Shasha Xu and Hancheng Dai. **Nature Food** (2023), 1-13.

WORKS IN-PROGRESS

- “The Effect of Key Pollutant Discharge Firms on Local Second-hand Housing Prices in Guangdong Province” with Yana Jin
- “An Integrated Assessment of Provincial Economic Damages from Climate Change in China” with Hantang Peng, Tianpeng Wang, Da Zhang and Xiliang Zhang
- “Forest Autonomy and Forest Carbon Sink Potential: Evidence from Northeast China” with Tingyu Cui and Yushuai Zhang
- “Research on Transnational Mobility of Researchers based on Multi-Agent Modeling: A case study of Artificial Intelligence” with Wenjie Chen and Chao Min
- “Trade Ban and Environmental Pollution: A Policy Evaluation on Trade Ban of Foreign Garbage” with Wenhui Yang

SEMINARS AND CONFERENCES

- 3rd Annual Conference of Chinese Association of Environmental and Resource Economists (CAERE) 2024

TEACHING EXPERIENCE

- Intermediate Economics (taught in English) (Undergraduate, TA for Prof. Tianshi Mu) 2024-Autumn
- Managerial Economics (MBA, TA for Prof. Mingzhi Li) 2024-Autumn
- Principles of Economics (2) (Undergraduate, TA for Prof. Feng Dong) 2024-Spring
- Principles of Economics (1) (Undergraduate, TA for Prof. Xiaohan Zhong and Yingyi Qian) 2023-Autumn
- Intermediate Microeconomics (Undergraduate, TA for Prof. Huayu Xu) 2023-Spring

RESEARCH ASSISTANT

- “The Economic Impact of Carbon Peak and Neutrality in China and China’s Green and Low-carbon Transition”, Institute of Energy, Environment and Economy, THU (PI: Da Zhang and Xiliang Zhang) Aug. 2021 - now
- “The Economics Analysis of Verified Carbon Standard (VCS)”, National School of Development, PKU (PI: Cong Peng, Xianling Long and Shilei Liu) Jan. 2023 - Aug. 2023
- “the Low-Carbon Development of Institutional Investors ‘Collaborative Engagement’ Enterprises in ESG Field”, Institute of Finance and Sustainability (PI: Jiayin Zhao) Jun. 2022 - Oct. 2022
- “Update the report *Applying the Growth Identification and Facilitation Framework to Nepal (UN CDP Background Paper No. 35)*”, Institute of New Structural Economics, PKU (PI: Jiajun Xu) Jul. 2022 - Sep. 2022

FIELD STUDY

- the First Sino-German Climate Study Camp (“Climate x” Summer School) provided by GAUC (Global Alliance of Universities on Climate) Sep. 2024
- “Tongxinqianxing” Social Practice in Sinan County, Guizhou Province Jul. 2024
- “Balingyanxing” Social Practice in Yueyang City, Hunan Province Jan. 2024
- Voluntary Teaching Program in Dengfeng County, Henan Province provided by TECC (Technology & Education: Connecting Cultures) Jul. 2023
- Guidance Counselor of Peking University Freshman Training Camp Aug. 2022 - Sep. 2022
- The 6th Model Climate Change Conference of Parties (MCCCOP6) in Tsinghua University Sep. 2021

SKILLS

Language Chinese (Native), English (Fluent)

Programming Python, R, STATA, QGIS, L^AT_EX