

Xiaomeng Cui

Address: 601 West Huangpu Ave, Tsang Hin-chi Science Hall #423, Guangzhou, China 510632

Email: xiaomengcui1@gmail.com; cuixiaomeng@jnu.edu.cn

URL: <http://sites.google.com/view/xiaomengcui>

Employment

- 2024 - Professor, Institute for Economic and Social Research (IESR), Jinan University
- 2020 - 24 Associate Professor, Institute for Economic and Social Research (IESR), Jinan University
- 2018 - 20 Assistant Professor, Institute for Economic and Social Research (IESR), Jinan University

Editorial Positions

- 2026 - Associate Editor, *American Journal of Agricultural Economics*
- 2025 - Editorial Council, *Journal of Environmental Economics and Management*

Education

- 2013 - 18 PhD in Agricultural and Resource Economics, UC Davis
- 2012 - 13 MS in Agricultural and Resource Economics, UC Davis
- 2008 - 12 BA in Agricultural Economics and Management (with distinction), Renmin University of China

Research Interests

Development Economics, Environmental Economics, Agricultural Economics

Research Papers

‡ indicates student co-author

JOURNAL PUBLICATIONS

- 2025 [Long-distance Water Infrastructure, Rural Development, and Urban Growth: Evidence from China](#)
Xiaomeng Cui, Wangyang Lai, Tao Lin[‡]
Journal of Urban Economics, 146: 103736
- 2024 [Climate Change, Cropland Adjustments, and Food Security: Evidence from China](#)
Xiaomeng Cui, Zheng Zhong[‡]
Journal of Development Economics, 167: 103245
- 2024 [Extreme Heat and Rural Household Adaptation: Evidence from Northeast China](#)
Xiaomeng Cui, Qu Tang
Journal of Development Economics, 167: 103243
- 2024 [On Model Selection Criteria for Climate Change Impact Studies](#)
Xiaomeng Cui, Bulat Gafarov, Dalia Ghanem, Todd Kuffner
Journal of Econometrics, 239(1): 105511
- 2023 [Differentiated Agricultural Sensitivity and Adaptability to Rising Temperatures across Regions and Sectors in China](#)
Xiaoguang Chen, Xiaomeng Cui, Jing Gao[‡]
Journal of Environmental Economics and Management, 119: 102801
- 2022 [Adapting Agriculture to Climate Change through Growing Season Adjustments: Evidence from Corn in China](#)
Xiaomeng Cui, Wei Xie
American Journal of Agricultural Economics, 104(1): 249-272 (Top Cited Article in *AJAE* 2022-2023)

- 2021 [Labor Reallocation as Adaptation](#)
Xiaomeng Cui, Shuaizhang Feng
Nature Climate Change, 11: 901–902
- 2020 [Beyond Yield Response: Weather Shocks and Crop Abandonment](#)
Xiaomeng Cui
Journal of the Association of Environmental and Resource Economists, 7(5): 901-932
- 2020 [Climate Change and Adaptation in Agriculture: Evidence from US Cropping Patterns](#)
Xiaomeng Cui
Journal of Environmental Economics and Management, 101: 102306
- 2018 [Identifying the Economic Impacts of Climate Change on Agriculture](#)
Colin Carter, Xiaomeng Cui, Dalia Ghanem, Pierre Mérel
Annual Review of Resource Economics, 10: 361-380
- 2017 [Stage-specific, Nonlinear Surface Ozone Damage to Rice Production in China](#)
Colin Carter, Xiaomeng Cui, Aijun Ding, Dalia Ghanem, Fei Jiang, Fujin Yi, Funing Zhong
Scientific Reports, 7: 44224
- BOOK CHAPTER
- 2020 [Climate Change and Migration](#)
Xiaomeng Cui, Shuaizhang Feng
Handbook of Labor, Human Resources and Population Economics (Klaus Zimmermann Ed.), Springer, Cham
- WORKING PAPERS
- 2026 [Economic Values of Ecosystem Services: Evidence from Bees](#)
Xiaomeng Cui, Yuaning Liang, Zimao Xiao[‡]
- 2026 [Agricultural Technology, Water Pollution, and Human Health: The Unseen Harvest Down the River](#)
Xiaomeng Cui, Wei Luo
- 2026 [Inclusive Loan Pricing Enhances Climate Resilience in Rural Financial Institutions](#)
Xingchen Chen[‡], Xiaomeng Cui, Chengtao Deng, Jun Luo, Junjie Zhang
- 2025 [Industrial Water Pollution, Agricultural Productivity, and Labor Reallocation: Evidence from China](#)
Xiaomeng Cui, Wangyang Lai, Tao Lin[‡]
R&R at *American Economic Journal: Applied Economics*
- 2025 [Induced Innovation and Climate Change Adaptation: Evidence from Chinese Agriculture](#)
Xiaomeng Cui, Zheng Zhong[‡]
R&R at *Review of Economics and Statistics*
- 2025 [Adaptation to Climate Change: New Evidence from US Agriculture](#)
Xiaomeng Cui, Zimao Xiao[‡]
R&R at *Journal of Public Economics*
- 2025 [Modern Technology on Traditional Farms: The Impact of Electric Irrigation on Rural Farms in Early Twentieth-Century China](#)
Shiyu Bo, Xiaomeng Cui, Cong Liu
R&R at *Journal of Economic History*
- RESTING PAPERS
- 2024 [Sustained Technology-driven Yield Growth Can More Than Offset Warming Impacts on Agriculture](#)
Xiaomeng Cui, Zimao Xiao[‡]

2024 Utilizing Nature's Nurture? Lightning, Resource Windfall, and Agriculture
Xiaomeng Cui

Software

get_pwmse: Stata module to execute PWMSE-based model evaluation in Cui, Gafarov, Ghanem, & Kuffner (2024)
(available through `ssc install get_pwmse` in Stata)

Grants

2024 -27 NSFC's General Project Fund (CHY 400,000), PI, Natural Science Foundation of China
2020 - 22 NSFC's Young Scientists Fund (CHY 190,000), PI, Natural Science Foundation of China
2016 - 17 Henry A. Jastro Scholarship (USD 3,000), PI, UC Davis CAES

Fellowship and Awards

2026 Excellence in Refereeing Award, *Journal of the Association of Environmental and Resource Economists*
2025 Best Teaching Award, Jinan IESR
2024 Distinguished Scholar of the Year Awarded by the Chinese Young Agricultural Economists Forum
2024 Top Cited Article in *American Journal of Agricultural Economics* 2022-2023
2023 Best Teaching Award, Jinan IESR
2020 Second Prize in Junior Faculty Teaching Competition (Economics), Jinan University
2018 National Scholarship for Excellent Self-funded Students, Ministry of Education of China
2016 A. P. Giannini Doctoral Research Fellowship, Giannini Foundation
2013 - 15 Departmental Fellowship, UC Davis ARE
2012 Excellent Graduate of Beijing, Ministry of Education of China

Policy and Outreach Writings

“Strengthen Wetland Protection and Enhance Overall Ecological Value”
Xiaomeng Cui, Ruidi Zhu
Farmers' Daily, 2024 August (in Chinese)

“How Do Rural Households in China Adapt to Extreme Heat?”
Xiaomeng Cui, Qu Tang
VoxDev, 2024 March

“Developing Seed Industry Supports Agricultural Adaptation to Climate Change”
Xiaomeng Cui
Southern Rural Daily, 2021 October (in Chinese)

“China Worries about GMO Knocking on the Door”
Xiaomeng Cui
The Paper, 2019 December (in Chinese)

“Supporting Agricultural Development with Climatic Big Data”
Xiaomeng Cui
Chinese Social Sciences Today, 2019 April (in Chinese)

“Are There Yield Benefits with Genetically Engineered Corn?”
Colin Carter, Xiaomeng Cui, Dalia Ghanem
ARE Update, 2017, 21(2): 5-8

Interview and Media Coverage

“A Dialogue with Xiaomeng Cui: Agricultural Production and Adaptation to Climate Change” published on *West Huangpu Ave - Viewpoint* (in Chinese), March 22, 2024

“Agriculture under Climate Change. A Dialogue with Xiaomeng Cui: Farewell to Weather-dependent Farming, Promoting Precision Agriculture” published on *Southern Metropolis Daily* (in Chinese), March 11, 2022

“Surface Ozone Pollution Damages Rice Production in China” published on *Phys.org*, March 14, 2017

Teaching

Development Economics (Masters), Instructor, Jinan IESR

Agricultural Economics (UG), Instructor, Jinan IESR

Frontiers in Economics (UG), Guest lecturer, Jinan IESR

Agricultural Policy (PhD), Guest lecturer, UC Davis ARE

PhD Core Econometrics, TA, UC Davis Econ & ARE

Masters Applied Econometrics, TA, UC Davis ARE

Agricultural Development, TA, Renmin U of China

Advising

STUDENTS

Yetian Cai (JNU MA → UF FRE PhD), Yunhao Li (JNU UG → industry), Xinting Ling (JNU UG → industry), Hanfang Xu (JNU UG → SHUFE MA), Wei qi Han (JNU UG → Cornell Dyson MS), Yunxuan Liu (JNU UG → Chicago Econ MA), Jingyi Zhu (JNU UG → LSE Mgmt MSc), Yawen Han (JNU UG → industry), Junhao Jiao (JNU UG, in progress), Ruidi Zhu (JNU MA, in progress), Jianing An (JNU MA, in progress)

RESEARCH ASSISTANTS

Zheng Zhong (JNU MA → UMich Ross PhD), Zimao Xiao (CUHK MA → LSE Env Econ PhD), Ziyi Zhan (JNU UG → Duke Econ MA), Chenrui Wang (JNU UG → Cornell Dyson MS), Jiaying Wu (JNU UG → Queen's Fin MS), Yang Fan (JNU UG → PKU Econ PhD)

Service

- 2025 - Executive Committee Member, 2nd Youth Working Committee, Chinese Association of Agricultural Economics
- 2019 - Assistant dean, Jinan IESR
- 2019 - Coordinator, Center of Ecological Civilization and Environmental Economics, Jinan IESR
- 2019 - Field coordinator, environmental and resource economics, Jinan IESR
- 2019 - Member, faculty recruitment committee, Jinan IESR
- 2023 - Co-organizer, IESR Environmental and Resource Economics Workshop, Jinan IESR
- 2018 - 22 - Coordinator, *Pearl River Club* (student academic activities), Jinan IESR
- 2017 - Co-founder and co-editor, *EconADER* (academic sharing platform, in Chinese)
- 2015 - 16 - Member, faculty recruitment committee, UC Davis ARE

Referee Activities

Economics: *American Economic Journal: Economic Policy* (×3), *American Journal of Agricultural Economics* (×16), *European Economic Review*, *Environmental and Resource Economics* (×4), *Journal of the Association of Environmental and Resource Economists* (×5), *Journal of Comparative Economics*, *Journal of Development Economics* (×7), *Journal of Environmental Economics and Management* (×20), *Journal of Economic Behavior and Organization* (×2), *Journal of Political Economy Microeconomics*, *Journal of Population Economics* (×8), *Management Science*, *Review of Economic Studies*

Science: *Climatic Change* (×2), *Global Environmental Change Advances*, *Nature Climate Change*, *Nature Food* (×2), *Nature Communications* (×2), *PLoS One*, *PNAS*, *Resources Conservation & Recycling*, *Weather Climate & Society*

Conferences & Grants: AERE Summer Conference, AAEA Annual Meeting, World Congress of Environmental and Resource Economists, International Conference for Agricultural Economists, CAERE Annual Conference, National Science Foundation of China, National Social Science Foundation of China

Seminar and Conference Presentations

* indicates scheduled

- 2026 Duke Kunshan, Tsinghua SEM*, Peking U Econ*
- 2025 SCAU CEM, HUST Econ, HZAU CEM, 4th Annual Conference of the CAERE (SHUFE), DKU Environmental Economics Workshop (Duke Kunshan), 8th ICCDS (SJTU Antai), China Economics Summer Institute (Tsinghua), IESR Labor Conference (Jinan U), IESR-CUHK Joint Workshop (CUHK), International Symposium on Contemporary Labor Economics (Xiamen U), Jinan-SMU Urban & Regional Conference (Jinan U)
- 2024 PKU NSD, PKU CCAP, CAS AMSS, CAS SEM, SWUFE RIEM, SJTU Antai, HKUST-GZ Society Hub, Zhejiang UFE, Nanjing Univ. Env, Nanjing Ag Univ, Nanjing UFE, SHUFE Environmental and Resource Economics Workshop (SHUFE), Chinese Conference on Agricultural Forestry Economics and Management (Kunming), Asian and Australasian Society of Labor Economics (AASLE) 2024 Conference (Bangkok)
- 2023 Asian Meeting of the Econometric Society, China (Tsinghua U), SHUFE Environmental and Resource Economics Workshop (SHUFE), 2nd Annual Conference of the CAERE (Peking U), Asian Meeting of the Econometric Society, East and Southeast Asia (Nanyang Tech), HKUST-GZ Society Hub, 3rd Frontier Forum on Environmental Economics (HKU & Tsinghua U), IESR ERE Workshop (Jinan U), Jinan-SMU Urban & Regional Conference (Jinan U)
- 2015 - 22 Chinese Conference on Agricultural Forestry Economics and Management (virtual), 14th CAER-IFPRI International Conference (virtual), Huazhong Ag Univ. (virtual), Duke Kunshan, AERE (virtual), CLAND Convergence Institute (virtual), Xiamen Univ., CCE Forum (virtual), Northwestern A&F (virtual), PKU-ZJU-NAU Joint Workshop (virtual), MSU AFRE (virtual), PKU CCAP, Renmin SARD, CM-ES (Guangzhou), EAERE (Manchester), AAEA (Atlanta), China Ag Univ., NASM-ES (Davis), WCERE (Gothenburg), ICAE (Vancouver), PKU CCAP, FOM-GLOKAS Conference (Hong Kong), UC Berkeley ARE, UC Davis ARE, EAAE Seminar 159 (Nanjing), GARESC (Davis), CES-NA (Sacramento), Nanjing Ag Univ., Renmin SARD