

Xiaomeng Cui

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Employment

- 2024 - Professor, Institute for Economic and Social Research (IESR), Jinan University
- 2023 - 24 Associate Professor (tenured), Institute for Economic and Social Research (IESR), Jinan University
- 2020 - 23 Associate Professor (untentured), Institute for Economic and Social Research (IESR), Jinan University
- 2018 - 20 Assistant Professor, Institute for Economic and Social Research (IESR), Jinan University

Editorial Role

- 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

Environmental and Resource Economics, Development Economics, Agricultural Economics

Research Papers

[‡] indicates student co-author

PEER-REVIEWED 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)

- 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
- INVITED ARTICLE
- 2021 [Labor Reallocation as Adaptation](#)
Xiaomeng Cui, Shuaizhang Feng
Nature Climate Change, 11: 901-902
- 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
- 2025 [Industrial Water Pollution, Agricultural Productivity, and Labor Reallocation: Evidence from China](#)
Xiaomeng Cui, Wangyang Lai, Tao Lin[‡]
- 2025 [Induced Innovation and Climate Change Adaptation: Evidence from Chinese Agriculture](#)
Xiaomeng Cui, Zheng Zhong[‡]
- 2025 [Adaptation to Climate Change: New Evidence from US Agriculture](#)
Xiaomeng Cui, Zimao Xiao[‡]
- 2024 [Modern Technology on Traditional Farms: The Impact of Electric Irrigation on Rural Farms in Early Twentieth-Century China](#)
Shiyu Bo, Xiaomeng Cui, Cong Liu
- 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
- SELECTED WORK IN PROGRESS
- “The Impact of Climate Change on Farmers’ Credit Risks” (with Xingchen Chen[‡], Junjie Zhang)
- “Health and Economic Consequences of Agricultural Technology” (with Wei Luo)
- “Agricultural Supply Chain under A Changing Climate” (with Qu Tang)
- “Economic Values of Ecosystem Services” (with Yuanning Liang, Zimao Xiao[‡])

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

2024	Distinguished Scholar of the Year Awarded by the Chinese Young Agricultural Economists Forum
2024	Top Cited Article in <i>American Journal of Agricultural Economics</i> 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), Weiqi 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)

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), Jianqi Huang (CUFE UG → HKUST-GZ PhD), Yang Fan (JNU UG, in progress)

Service

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, *READ Papers* (academic sharing platform, in Chinese)
2015 - 16 - Member, faculty recruitment committee, UC Davis ARE
2010 - 11 - Assistant editor, *Agricultural Economics Research* (in Chinese)

Referee Activities

ECONOMICS

American Economic Journal: Economic Policy (×2), *American Journal of Agricultural Economics* (×12), *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* (×5), *Journal of Environmental Economics and Management* (×17), *Journal of Economic Behavior and Organization* (×2), *Journal of Political Economy Microeconomics*, *Journal of Population Economics* (×7), *Review of Economic Studies*

SCIENCE

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

CONFERENCES AND GRANTS

AERE Summer Conference, AAEA Annual Meeting, 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

2025	SCAU CEM, HUST Econ, HZAU CEM, 4th Annual Conference of the CAERE (SHUFE)*, DKU Environmental Economics Workshop (Duke Kunshan)*, 8th ICCDS (SJTU Antai)*, World Congress of ES (Seoul)*
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-GLO-KAS Conference (Hong Kong), UC Berkeley ARE, UC Davis ARE, EAAE Seminar 159 (Nanjing), GARESC (Davis), CES-NA (Sacramento), Nanjing Ag Univ., Renmin SARD

Membership

American Economic Association (AEA)

Association of Environmental and Resource Economists (AERE)

Agricultural and Applied Economics Association (AAEA)