

# Xinde “James” Ji

1181 McCarty Hall A  
Gainesville, FL 32603  
United States of America

Phone: +1-(315)600-6676  
Email: xji1@ufl.edu  
Website: <https://sites.google.com/site/xindejamesji>

## Current Position

Assistant Professor, 2022-  
Food and Resource Economics Department, University of Florida  
Faculty Affiliate, UF Water Institute, 2022-

## Previous Academic Positions

Lecturer, 2021-2022  
Department of Economics, Brandeis University  
Florence Levy Kay Fellow in Environmental Economics, 2019-2021  
Department of Economics and the Environmental Studies Program, Brandeis University  
Postdoctoral Research Associate, 2018-2019  
Department of Forest Resources and Environmental Conservation, Virginia Tech,

## Education

Ph.D. Virginia Tech, 2014-2018.  
M.S. State University of New York - College of Environmental Science and Forestry, 2011-2013.  
B.S. Fudan University, 2007-2011.  
Exchange Student, National University of Singapore, 2009

## Research Interests

Environmental and Natural Resource Economics; Climate Change; Economic Development

## Publications

- Guimbeau, A., **X.J. Ji**, N. Menon, and Z. Long, 2024. Ocean salinity, early-life health, and adaptation. *Journal of Environmental Economics and Management* 125: 102954.
- Browne, O. and **X.J. Ji**, 2023. The Economic Value of Clarifying Property Rights: Evidence from Water in Idaho's Snake River Basin. *Journal of Environmental Economics and Management* 119:102799.
- Yao, Z., W. Zhang, **X. Ji** and W. Weng, 2023. Short-Term Exposure to Air Pollution and Cognitive Performance: New Evidence from China's College English Test. *Environmental and Resource Economics* 83: 211-237.
- Guimbeau, A., **X.J. Ji**, N. Menon and Y. Rodgers, 2023. Mining and women's agency: Evidence on acceptance of domestic violence and shared decision-making in India. *World Development* 162: 106135.
- Cobourn, K. M., **X. Ji**, S. Mooney and N. Cresenti, 2022. The Effect of Prior Appropriation Water Rights on Land-allocation Decisions in Irrigated Agriculture. *American Journal of Agricultural Economics* 104: 947-975.

He, Q. and **X. Ji**, 2021. The Labor Productivity Consequences of Exposure to Particulate Matters: Evidence from a Chinese National Panel Survey. *International Journal of Environmental Research and Public Health* 18(23): 12859.

**Ji, X.** and K. M. Cobourn, 2021. Weather Fluctuation, Expectation Formation, and the Short-run Behavioral Responses to Climate Change. *Environmental and Resource Economics* 78:77-119.

Maneta M. P., J. Kimball J., M. He, B. Chaffin, B. Maxwell, S. Ewing, K. Cobourn and **X. Ji**, 2020. A Satellite-Driven Hydro-economic Model to Support Agricultural Water Resources Management. *Environmental Modelling and Software* 134: 104836.

P. Wurster, M. Maneta, S. Begueria, B. Maxwell, N. Silverman, S. Ewing, K. Jensco, P. Gardner, K. Cobourn, J. Kimball, Z. Holden, **X. Ji**, and S. Vincente-Serrano., 2020. Characterizing the Impact of Climatic Anomalies on Agrosystems in the Northwest United States. *Agricultural and Forest Meteorology*, 280:107778.

**Ji, X.** and K. M. Cobourn, 2018. The Economic Benefits of Irrigation Districts under Prior Appropriation Doctrine: An Econometric Analysis of Agricultural Land-allocation Decisions. *Canadian Journal of Agricultural Economics*, 66(3): 441-467.

## Working Papers

Climate Shocks, Domestic Violence, and the Protective Role of Climate-Resilience Projects. (with Amanda Guimbeau and Nidhiya Menon)

A tale of fish and water: Housing market capitalization of freshwater fishery species. (with Weizhe Weng, Kevin Boyle, and Lars Rudstam)

The effect of climate change on irrigated agriculture: Water-temperature interaction and adaptation in the Western U.S. (with Weizhe Weng and Kelly Cobourn. Revision requested by *Water Resources Research*)

Cleaner bills, cleaner air: The environmental co-benefits of Renewable Portfolio Standards policy design (with Qingran Li, Stephen Lee, Max Luke, and Filippo Mavrothalassitis)

How much do we value food access? A hedonic analysis. (With Ruoding Shi, Wen You, and Jae-Wan Ahn.)

## Policy and Outreach Writings

Forever chemicals and challenges to drinking water systems. with Samantha Snyder, Weizhe Weng, Di Fang, Suzanne Thornsbury, Michael Olexa, and Sean Olevnik. *forthcoming at Choices*.

## Academic Presentations

2025: AERE@ASSA (scheduled)

2024: Arizona State University; University of Florida Water Symposium; University of Georgia (Virtual); SEEDS@Georgia Tech; AERE Summer Meeting; Econometric Society North America Summer Meeting; AAEA Annual Meeting; CU Environmental Economics Workshop

2023: AERE@ASSA; ASHEcon; Social Cost of Water Pollution Workshop

2022: University of Florida; AERE Summer Meeting; AAEA Annual Meeting; 100 Years of Development Workshop at Cornell University; SEA Annual Meeting; NBER Development Economics Fall Program Meeting

2021: Brandeis University (virtual); OSWEET (virtual); NAREA Annual Meeting (virtual); Harvey Mudd College

2020: EAERE Annual Meeting (virtual)

2019: University of Nebraska Lincoln; Joint Global Change Research Institute

2018: AGU Fall Meeting; Heartland Env & Res Econ Workshop; CU Environmental & Resource Econ Workshop; AAEA Annual Meeting; World Congress of Environmental and Resource Economists

2017: AAEA Annual Meeting; SAEA Annual Meeting

## Teaching Experience

### *Instructor*

Topics in Environmental Economics (AEB 7483, PhD field course)	<i>University of Florida</i>
Principles of Food and Resource Econ (AEB 3103, Undergraduate)	<i>University of Florida</i>
Introduction to Nat Res and Env Econ (AEB 3450, Undergraduate)	<i>University of Florida</i>
Econometrics (ECON 184b, Undergraduate/Master's)	<i>Brandeis University</i>
Climate Change Economics and Policy (ENVS 36b, Undergraduate)	<i>Brandeis University</i>
GIS Methods and Skills (ENVS 100b, Undergraduate)	<i>Brandeis University</i>
Environmental Economics (ECON 57a, Undergraduate)	<i>Brandeis University</i>

### *Guest Lectures*

Institute of Learning in Retirement	<i>Summer 2023 and 2024, Oak Hammock, Gainesville, FL</i>
Applied Geographic Information Systems (HS 269b)	<i>Spring 2020, Brandeis University</i>
Climate Change: Causes, Impacts, Responses & Solutions (ENVS 39b)	<i>Fall 2019-2021 Brandeis University</i>
Environmental Economics (ECON 340)	<i>Fall 2019, Fall 2020, SUNY-Geneseo</i>
Natural Resource Policy (FOR 4434)	<i>Fall 2015, Virginia Tech</i>
Field Study (FOR 3964)	<i>Fall 2015, Virginia Tech</i>

### *Additional Pedagogical Training and Experience*

IFAS Teacher's College, Fall 2022, University of Florida  
 Faculty Host, Graduate Student Guest Session on Racial Justice, Fall 2021, Brandeis University  
 Online Teaching Workshop, Summer 2020, Brandeis University  
 Center for Teaching and Learning Teaching Fellows, Fall 2019, Brandeis University

## Honors and Awards

Runner-up, APEC Healthy Women Healthy Economy (HWHE) Research Prize	<i>2024</i>
Burruss Fellowship	<i>Virginia Tech, 2017</i>
Temasek Foundation LEARN Scholarship	<i>National University of Singapore, 2010</i>

## Professional Activities

Journal Referee: American Economic Journal: Applied Economics; Climatic Change; Contemporary Economic Policy, Journal of Development Economics; Journal of Environmental Economics and Management; Regional Environmental Change; Spatial Economic Analysis; Water Resource and Economics

Ad hoc reviewer: AAEA Annual Meetings; AERE Annual Meetings; ASHECON Annual meetings; National Science Foundation

Session Organizer: AERE@ASSA Annual Meetings, AAEA Annual Meetings, EEA Annual Meetings

Topic Leader: AAEA, 2022-2024. Topic: Environmental Economics and Policy

Membership: American Economic Association, Agricultural and Applied Economics Association, Association of Environmental and Resource Economists

## Media Coverage and Outreach

“Ocean Salinity”, *Nature Climate Change*, Apr 2024

Panelist, China Town Hall 2021 - Brandeis University, Sep 2021

Co-Organizer, State Lead for the Commonwealth of Massachusetts, Solve Climate by 2030 - Nationwide Power Dialogs, Apr 2021

Panelist, China Town Hall 2020 - Brandeis University, Nov 2020

Co-Organizer, State Lead for the Commonwealth of Massachusetts, Solve Climate by 2030 - Nationwide Power Dialogs, Apr 2020

“Working group talks sustainability with Brandeis students and faculty”. *The Justice*, Mar 2020

Panelist, Community Forum on Climate Change, Brandeis University, Feb 2020

“Views on the News”: The Amazon Wildfire. *The Justice*, Sep 2019

## Skills

R, Stata, Python, ArcGIS/ArcPy, GAMS, MATLAB, SAS, ENVI, L<sup>A</sup>T<sub>E</sub>X

## Software Packages

fmlogit in R: Estimate (and post-estimate) fractional multinomial logit model.  
Available at <https://github.com/flkidd/fmlogit>

## Personal Information

Married, 1 child

Language: English (Fluent), Chinese (Native)

Miscellaneous: Go (Strategy Game) 5 dan in Chinese Go Association & American Go Association

## Reference

Available upon request.

Last updated: September 7, 2024