

Xinde “James” Ji

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Current Position

Lecturer, Department of Economics, Brandeis University, 2021-

Previous Academic Positions

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. Forestry (Concentration: Natural Resource Economics), Virginia Tech, 2014-2018.
M.S. Environmental Studies, State University of New York - College of Environmental Science and Forestry, 2011-2013.
B.S. Environmental Science, Fudan University, 2007-2011.
Exchange Student, National University of Singapore, 2009

Research Interests

Environmental Economics, Natural Resource Economics, Agricultural Economics

Publications

Cobourn, K. M., **X. Ji**, S. Mooney and N. Cresenti, The Effect of Prior Appropriation Water Rights on Land-allocation Decisions in Irrigated Agriculture. Forthcoming at *American Journal of Agricultural Economics*

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

Guimbeau A., **X. Ji**, N. Menon and Y. Rodgers, Can Mining Change Regressive Cultural Norms? Evidence on Acceptance of Domestic Violence and Shared Decision-Making in India. *IZA Discussion Paper No. 13881*. (Under Review)

Browne O. and **X. Ji**, The Economic Value of Clarifying Property Rights: Evidence from Water in Idaho’s Snake River Basin. (Under Review)

Ji X., K. M. Cobourn and W. Weng, The Effect of Climate Change on Irrigated Agriculture: Water-Temperature Interactions and Adaptation in the Western U.S. (Revision Requested)

Qi H. and **X. Ji**, The Labor Productivity Consequences of Exposure to Particulate Matters: Evidence from a Chinese National Panel Survey. (Under Review)

Yao Z., W. Zhang, **X. Ji** and W. Weng, Short-Term Exposure to Air Pollution and Cognitive Performance: New Evidence from China’s College English Test. (Under Review)

Ruoding S., **X. Ji**, W. You and J. Ahn, How Much Are We Valuing Food Access: A Hedonic Analysis.

Selected Work in Progress

* denote student supervisee

Deciphering the Fine Print of State Renewable Energy Policy. (with Filippo Mavrothalassitis*, Stephen Lee, and Max Luke)

The Economic and Environmental Effects of Wetland Adjudication (with Alex Arnell*, Kevin Boyle, and Weizhe Weng)

Housing Market Capitalization of Recreational Fishing: Evidence from Lake Oneida, NY (with Kevin Boyle, Lars Rudstam, and Weizhe Weng)

Climate Change, Sea Water Intrusion, and Children’s Health Outcomes (with Nidhiya Menon and Amanda Guimbeau)

Too Hungry to Shelter-in-place? Food Desert and Mobility in the Early Stage of the COVID-19 Pandemic. (with Weizhe Weng)

Hydro-economic Model Calibration with Remote Sensing Observations: the Value of Information in Integrated Assessment Modeling. (with Kelly Cobourn, Mingzhu He, John Kimball, Marco Maneta, and Nick Silverman)

Academic Presentations

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

2020: EAERE Annual Meeting (virtual)

2019: UNL-Daugherty Water for Food Global Institute; PNNL-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; Virginia Tech

2017: AAEA Annual Meeting; SAEA Annual Meeting; Virginia Tech

Teaching Experience

Instructor

Econometrics (ECON 184b)	<i>Fall 2021, Brandeis University</i>
Climate Change Economics and Policy (ENVS 36b)	<i>Spring 2021, Brandeis University</i>
GIS Methods and Skills (ENVS 100b)	<i>Spring 2020, Brandeis University</i>
Data Analytics Field Project (BUS 284b)	<i>Spring 2020, Brandeis University</i>
Environmental Economics (ECON 57a)	<i>Fall 2019-2021, Brandeis University</i>

Guest Lecturer

Applied Geographic Information Systems (HS 269b)	<i>Spring 2020, Brandeis University</i>
Climate Change: Causes, Impacts, Responses & Solutions (ENVS 39b)	<i>Fall 2019, Fall 2020, 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>

Pedagogical Trainings

Online Teaching Workshop, Summer 2020, Brandeis University
 Center for Teaching and Learning Teaching Fellows, Fall 2019, Brandeis University

Honors and Awards

Burruss Fellowship	<i>Virginia Tech, 2017</i>
People’s Scholarship	<i>Fudan University, 2008, 2011</i>
Temasek Foundation LEARN Scholarship	<i>National University of Singapore, 2010</i>

Professional Activities

Referee Service: Contemporary Economic Policy(*3), Regional Environmental Change, Spatial Economic Analysis, Sustainability, AAEA Annual Meetings, AERE Annual Meetings
 Session Organizer/Chair: AAEA Annual Meetings, EAERE Annual Meetings, EEA Annual Meetings
 Membership: American Economic Association, Agricultural and Applied Economics Association, Association of Environmental and Resource Economists, European Association of Environmental and Resource Economists

Student Mentoring

10+ undergraduate and graduate students at Brandeis, including one undergraduate honor’s thesis and 5+ research assistants.

Media Coverage and Outreach

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^AT_EX

Software Packages

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

Personal Information

Citizenship: Chinese

Language: English (Fluent), Chinese (Native)

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

Reference

Available upon request.

Last updated: August 6, 2021