

# JAYASH PAUDEL

Department of Economics  
University of Oklahoma

## CONTACT INFORMATION

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🐦 [@JayashPaudel](https://twitter.com/JayashPaudel)

## ACADEMIC POSITION

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Assistant Professor of Economics, University of Oklahoma 2022 - Present  
Assistant Professor of Economics, Boise State University 2019 - 2022

## AFFILIATIONS

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Affiliate, Institute for Resilient Environmental and Energy Systems 2022 - Present  
Fellow, Global Labor Organization 2021 - Present  
Affiliate, Hazard and Climate Resilience Institute 2019 - Present  
Catalyst, Berkeley Initiative for Transparency in the Social Sciences 2018 - Present  
Affiliate, Center for Advanced Energy Studies 2021 - 2022

## EDUCATION

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Ph.D., Resource Economics, University of Massachusetts Amherst May 2019  
M.S., Resource Economics, University of Massachusetts Amherst May 2016  
B.A., Mathematical Economics, Colorado College May 2010

## AREAS OF INTERESTS

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Fields: Applied Microeconomics, Environmental and Energy Economics, Development Economics

## PEER-REVIEWED PUBLICATIONS

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- [18] Paudel, Jayash. “Challenges in Water and Sanitation Services: Do Natural Disasters Make Matters Worse?” *Review of Development Economics* (Forthcoming) [\[link\]](#)
- [17] Lu, Xun, Yuyuan Che, Roderick Rejesus, Barry Goodwin, Sujit Ghosh, and Jayash Paudel. “Unintended Environmental Benefits of Crop Insurance: Nitrogen and Phosphorus in Water Bodies.” *Ecological Economics* 204 (2023): 107657. [\[link\]](#)
- [16] Paudel, Jayash. “Shaking Things Up: Do Seismic Shocks Affect Energy Choices?” *Energy Policy* 172 (2023): 113297. [\[link\]](#)
- [15] Paudel, Jayash. “Deadly Tornadoes and Racial Disparities in Energy Consumption: Implications for Energy Poverty.” *Energy Economics* 114 (2022): 106316. [\[link\]](#)
- [14] Ryu, Hanbyul, and Jayash Paudel. “Refugee Inflow and Labor Market Outcomes in Brazil: Evidence from the Venezuelan Exodus.” *Population and Development Review* 48, no. 1 (2022): 75-96. [\[link\]](#)
- [13] Paudel, Jayash. “Environmental Disasters and Property Values: Evidence from Nepal’s Forest Fires.” *Land Economics* 98, no. 1 (2022): 115-131. [\[link\]](#)
- [12] Shakya, Shishir, Subuna Basnet, and Jayash Paudel. “Natural Disasters and Labor Migration: Evidence from Nepal’s Earthquake.” *World Development* 151 (2022): 105748. [\[link\]](#)

- [11] Paudel, Jayash. “Why are People Energy Poor? Evidence from Ethnic Fractionalization.” *Energy Economics* 102 (2021): 105519. [\[link\]](#)
- [10] Paudel, Jayash. “Home Alone: Implications of COVID-19 for Mental Health.” *Social Science & Medicine* 285 (2021): 114259. [\[link\]](#)
- [9] Paudel, Jayash. “Beyond the Blaze: The Impact of Forest Fires on Energy Poverty.” *Energy Economics* 101 (2021): 105388. [\[link\]](#)
- [8] Paudel, Jayash, and Christine L. Crago. “Environmental Externalities from Agriculture: Evidence from Water Quality in the United States.” *American Journal of Agricultural Economics* 103 (2021): 185-210. [\[link\]](#)
- [7] Paudel, Jayash. “Short-Run Environmental Effects of COVID-19: Evidence from Forest Fires.” *World Development* 137 (2021): 105120. [\[link\]](#)
- [6] Paudel, Jayash. “Bus Ridership and Service Reliability: The Case of Public Transportation in Western Massachusetts.” *Transport Policy* 100 (2021): 98-107. [\[link\]](#)
- [5] Paudel, Jayash, and Hanbyul Ryu. “Natural Disasters and Human Capital: The Case of Nepal’s Earthquake.” *World Development* 111 (2018): 1-12. [\[link\]](#)
- [4] Paudel, Jayash. “Community-Managed Forests, Household Fuelwood Use and Food Consumption.” *Ecological Economics* 147 (2018): 62-73. [\[link\]](#)
- [3] Paudel, Jayash, and Pedro de Araujo. “Demographic Responses to a Political Transformation: Evidence of Women’s Empowerment from Nepal.” *Journal of Comparative Economics* 45, no. 2 (2017): 325-343. [\[link\]](#)
- [2] Agarwal, Smriti, Pedro de Araujo, and Jayash Paudel. “HIV-related Knowledge and Risky Sexual Behavior in Sub-Saharan Africa.” *Oxford Development Studies* 41, no. 2 (2013): 173-189. [\[link\]](#)
- [1] Paudel, Jayash, and Judy Laux. “A Behavioral Approach to Stock Pricing.” *Journal of Applied Business Research* 26, no. 3 (2010): 99-106. [\[link\]](#)

## BOOK CHAPTERS

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- [2] Paudel, Jayash, and Hanbyul Ryu. “Spillover Effects of Natural Disasters on Human Capital.” In *Behavioral Economics and the Environment: A Research Companion*, edited by Alessandro Bucciol, Alessandro Tavoni and Marcella Veronesi (2023). Routledge. [\[link\]](#)
- [1] Paudel, Jayash. “Natural Disasters, Property Damages and the Role of Aid: Implications for Policy”(Revised and Resubmitted)

## WORKING PAPERS

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- Johnson, Kelsey, Lee Parton, Christoph Nolte, Matt Williamson, Theresa Nogeire-McRae, Jayash Paudel and Jodi Brandt, “Moving to the Country: Understanding the Effects of Covid-19 on Property Values and Farmland Development Risk” (Revisions Submitted)
- Paudel, Jayash. “Do Environmental Disasters Affect Human Capital? The Threat of Forest Fires” (Revisions Submitted)
- Paudel, Jayash. “Plight of the Elderly: Senior Citizen Allowance and Gender Disparities in Food Security” (Revisions Submitted)
- Rayamajhee, Veeshan, and Jayash Paudel. “Natural Disasters and the Social Behavior of Immigrants in the United States” (Under Review)
- Paudel, Jayash, and Christine L. Crago. “Climate Change and Agriculture: Implications for Fertilizer Use and Water Quality in the United States” (Available upon request)

## RESEARCH GRANTS

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Institute for Humane Studies “Power Outage and Local Economy: Racial Disparities in Labor Market Outcomes” Principal Investigator, \$16,200	2023-2024
Data Institute for Societal Challenges (DISC) “Applying Micro-Level Data to Estimate the Economic Value of Hazard-Related Information” Principal Investigator, \$7,500	2022-2023
World Institute for Development Economics Research (UNU-WIDER) “Natural Disasters and Economic Inequality: Insights from Wildfires across the Globe” Principal Investigator, \$6,000	2021-2022
National Institute of Food and Agriculture (USDA-NIFA) “ProRurUL: Protecting Agricultural Land in Rural Landscapes experiencing Urban and Low-density Residential Developments” Co-Principal Investigator, \$422,619	2021-2024

## INVITED SEMINARS

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California State University, Fullerton; University of Houston; University of Oklahoma; Texas A&M University; North Dakota State University; Asian Development Bank Institute (ADBI); Institute for Integrated Development Studies (IIDS); Lafayette College; The University of Tennessee Institute of Agriculture; University of Kentucky; New Mexico State University; College of Saint Benedict & Saint John’s University; Boise State University; Purdue University; Colorado College; International Food Policy Research Institute (IFPRI)

## PRESENTATIONS

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Air Quality and Health Outcomes Association of Environmental and Resource Economists Conference, ME	May 2023
Forest Fires and Human Capital Eastern Economic Conference, NY	Feb 2023
Global Wildfires and Economic Inequality WIDER Development Conference on Inequality, Colombia	Oct 2022
Resilient Compensation and Restitution for Post-Disaster Recovery Asian Development Bank Institute, Japan	Feb 2022
Energy Poverty and Ethnic Fractionalization Southern Economic Association Meeting, TX	Nov 2021
Climate Change Adaptation and Water Quality Agricultural and Applied Economics Association Mentoring Workshop, TX	Aug 2021
Southern Economic Association Meeting, DC	Nov 2018
Harvard Environmental Economics Workshop, MA	Oct 2018
Camp Resources XXV Workshop at North Carolina State University, NC	Aug 2018
Northeast Agricultural and Resource Economics Association Meeting, PA	Jun 2018
Land Use Change and Water Quality Northeast Agricultural and Resource Economics Association Meeting	Jun 2021
Climate Change and Tillage Southern Economic Association Meeting	Nov 2020
Northeast Agricultural and Resource Economics Association Meeting	Jun 2020

Economic Benefits of River Restoration 73rd Association of Idaho Cities (AIC) Annual Conference, ID	Jun 2020
Spillover Effects of Natural Disasters 4th Annual Pacific Northwest Labor Day Workshop at Oregon State University, OR	Sep 2019
Environmental Disasters and Property Values Northeast Agricultural and Resource Economics Association (NAREA) Meeting, NH	Jun 2019
Agriculture and Water Pollution Agricultural and Applied Economics Association (AAEA) Meeting, DC	Aug 2018
World Congress of Environmental and Resource Economists (WCERE), Sweden	Jun 2018
Northeast Agricultural and Resource Economics Association (NAREA) Meeting, PA	Jun 2018
Data Intensive Farm Management (DIFM) Annual Meeting, IA	Mar 2018
Natural Disasters and Human Capital Midwest Economic Association (MEA) Meeting, IL	Mar 2018
Western Economic Association International (WEAI) Conference, Australia	Jan 2018
Sustainable Development Doctoral Society at Columbia University, NY	Apr 2017
Fertilizer Subsidy and Agricultural Productivity Southern Economic Association (SEA) Meeting, FL	Nov 2017
Agricultural and Applied Economics Association (AAEA) Meeting, IL	Jul 2017
Northeast Agricultural and Resource Economics Association (NAREA) Meeting, DC	Jun 2017
Association of Environmental and Resource Economists (AERE) Conference, PA	May 2017
Community-Managed Forests and Food Security U.S. Society for Ecological Economics (USSEE) Conference at Macalester College, MN	Jun 2017
Agricultural and Applied Economics Association (AAEA) Meeting, MA	Aug 2016
Association of Environmental and Resource Economists (AERE) Conference, CO	Jun 2016
Sustainable Development Doctoral Society at Columbia University, NY	Apr 2016

## INVITED WORKSHOPS

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Colorado Technology Primer for Economists & Social Scientists, CO	Aug 2022
WEAI Early Career Researcher Workshop, Australia	Sep 2017
Water Resources and Policy Workshop, DC	Feb 2017

## HONORS AND AWARDS

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Junior Faculty Summer Fellowship, Dodge Family College of Arts and Sciences	May 2023
Association of Environmental and Resource Economists (AERE) Scholars Program	Apr 2021
Hazard and Climate Resilience Institute Small Grants Program	Mar 2021
Center for Advanced Energy Studies Summer Visiting Faculty Program (CSVFP)	Feb 2021
Hearst Foundations Environmental Health Scholar	Oct 2020
Aligning Stakeholders & Structures to Enable Research Transformation (ASSERT) Fellow	Nov 2019
Research Grant from World Institute for Development Economics Research (Declined)	Sep 2019
Selected for NAREA's Career Advancement and Mentoring Program	May 2019
Finalist for the World Bank Group's Young Professionals Program	Dec 2018
Carolyn Harper Memorial Fellow	Nov 2018
Organizations and Natural Environment (ONE) Doctoral Consortium Scholar	May 2018
Finalist for the Three Minute Thesis Competition	Feb 2018
Best Poster Award Recipient at the 16th NAREA Annual Meeting	Jun 2016
Jerome V. Bruni Research Award Recipient	May 2010
Keller Family Venture Grant Recipient	Sep 2009
Van Skilling Award Recipient	Mar 2009

## WORK EXPERIENCE

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Methodology Consultant, Institute for Social Science Research	2015 - 2019
Consultant, The World Bank	2011 - 2012
Project Associate, Poverty Action Lab (J-PAL)	2010 - 2011
Office Assistant, Alumni and Family Relations at Colorado College	2006 - 2010
Student Lab Technician, Academic Technology Services at Colorado College	2007 - 2010

## TEACHING EXPERIENCE

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University of Oklahoma	
Econ 3213: Environmental Economics (Undergraduate)	2022 - Present
Econ 6773: Seminar in Public Economics (Ph.D.)	2023 - Present
Boise State University	
Econ 512: Microeconomic Theory II	2021 - 2022
Econ 501: Mathematics for Economists	2020 - 2021
Econ 333: Natural Resource Economics	2019 - 2022
Econ 303: Intermediate Microeconomic Theory	2019 - 2020
Institute for Social Science Research	2015 - 2019
Applied Econometrics using Python, Exploring Data on Python	
Introductory MATLAB, Intermediate MATLAB	
Data Visualization using R, Data Visualization using Stata	
Introduction to R, Introduction to SAS	
University of Massachusetts Amherst	2017 - 2018
Mathematical Methods for Economics	
Introductory Statistics for the Social Sciences	

## MEDIA COVERAGE

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Economic Impact of Environmental Disasters: [The Wire Science](#) | [The Federal](#) | [Mongabay-India](#)  
COVID-19 and Environmental Outcomes: [The Kathmandu Post](#) | [Nepali Times](#)  
Health Outcomes and Food Security: [KTVB News Group](#) | [JICA](#)

## SERVICE

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Referee: *American Journal of Agricultural Economics* (x 3), *Applied Economics*, *Applied Economic Perspectives & Policy*, *Asian Development Review*, *China Economic Review*, *Cogent Social Sciences*, *Economics Bulletin* (x 2), *Economic Inquiry*, *Energy Economics* (x 6), *Energy Policy*, *Environmental and Resource Economics* (x 2), *Food Policy*, *Forest Policy and Economics*, *Frontiers in Climate*, *Journal of the Agricultural and Applied Economics Association*, *Journal of Asian Economics*, *Journal of Development Economics*, *Journal of Economic Behavior and Organization*, *Journal of Environmental Economics and Management*, *Journal of Housing Economics*, *Journal of Labor Research*, *Journal of the Association of Environmental and Resource Economists*, *Nature Climate Change*, *Nature Human Behaviour*, *Nature Sustainability*, *Public Transport*, *Review of Development Economics*, *SSM - Population Health*, *Water Economics and Policy* (x 2), *World Development Perspectives*, *World Development* (x 5)

Agencies: South Asian Network for Development and Environmental Economics, Intergovernmental Panel on Climate Change (IPCC), National Institute for Food and Agriculture, US Department of Agriculture (USDA), US Global Change Research Program (USGCRP), Wildfire review panel for the California Climate Action Initiative

Meetings: Abstract reviewer for AAEA, SEA and NAREA conferences, Abstract reviewer for the Chinese Economists Society (CES) 2023 North America Conference

University of Oklahoma	
Search committee member, Environmental Economics Position	2022 - 2023
Program committee member, CES 2023 North America Conference	Spring 2023
Boise State University	
Long-term	
Faculty Mentor, Bronco Gap Year	2021 - 2022
Advisor, Economics Student Association	2020 - 2022
Member, Curriculum Improvement and Assessment Committee	2020 - 2022
Member, Economics Graduate Program Assessment Review Committee	2020 - 2022
Co-Chair, Economics Department Search Committee for a Visiting Professor	2020 - 2021
Short-term	
Invited Panelist, Center for Teaching and Learning	August 19th, 2021
Invited Panelist, Scholarship Serving Community Partners	May 6th, 2021
Invited Speaker, Division of Research and Economic Development	April 9th, 2021
Invited Presenter, College of Business & Economics (COBE) Brown Bag	March 16th, 2021
Invited Presenter, Economics Association Meeting	March 9th, 2021
Invited Panelist, Center for Teaching and Learning	January 25th, 2021
Invited Presenter, University Foundations Course in Economics	September 21st, 2020
Invited Panelist, Department of Geosciences	November 19th, 2019
Invited Presenter, University Foundations Course in Economics	November 18th, 2019
Invited Presenter, COBE Brown Bag	November 12th, 2019
External	
Member, VALUABLES Consortium (a collaboration between RFF and NASA)	2020 - Present
Coordinator, NAREA's Scholar's Circles Program	2020 - Present
University of Massachusetts Amherst	
Founding President, Resource Economics Graduate Council	2017 - 2019
Member, School of Behavioral and Social Sciences Teaching Committee	2017 - 2018
Graduate Affiliate, Computational Social Science Institute	2016 - 2019
Steward, Graduate Employee Organization	2015 - 2019
Elected Member, Graduate School Senate	2014 - 2019
Colorado College	
Representative, Student Government Association	2008 - 2010
Member, The Honor Council	2006 - 2009
Community Service Trip Leader, Center for Service and Learning	2007 - 2008

## SKILLS

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Software: R and Stata  
Language: English, Hindi and Nepali  
Interests: Biking, hiking, tennis and writing

## PROFESSIONAL MEMBERSHIPS

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American Economic Association (AEA)	2017 - Present
Association of Environmental and Resource Economists (AERE)	2016 - Present
Northeast Agricultural and Resource Economics Association (NAREA)	2015 - Present
Agricultural and Applied Economics Association (AAEA)	2015 - Present

## REFERENCES

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Available upon Request