

JAYASH PAUDEL

Department of Economics
University of Oklahoma

CONTACT INFORMATION

308 Cate Center Drive
Cate 1, Room 422
Norman, OK 73019

✉ jayash.paudel@ou.edu
🌐 www.jayash-paudel.com
🐦 [@JayashPaudel](https://twitter.com/JayashPaudel)

ACADEMIC POSITION

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

AFFILIATIONS

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

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, <i>cum laude</i>	May 2010

FIELDS OF INTERESTS & CITATION INFORMATION

Research: Applied Microeconomics — Environmental, Energy and Development Economics
Citations: [589](#) citations on Google Scholar, h-index: [14](#), i10-index: [15](#)

JOURNAL ARTICLES

- [23] Rayamajhee, Veeshan, and Jayash Paudel. “The Social Behavior of Immigrants During Natural Disasters: Lessons from the United States” *Journal of Comparative Economics* (Forthcoming)
- [22] Paudel, Jayash. “Natural Hazards and Religion-based Disparities in Human Capital: Lessons from Forest Fires” *Journal of Economics, Race, and Policy* 7, no. 2 (2024): 1-10 [\[link\]](#)
- [21] Zhou, Yang, Heng Wang, Zhen Liu, Nishan Bhattarai, Jayash Paudel and Huanguang Qiu. “Can Solar Photovoltaic Poverty Alleviation Policies Reduce Carbon Emissions and Increase Income in China?” *Environmental Science and Technology* 57, no. 49 (2023): 20583–20594 [\[link\]](#)
- [20] Paudel, Jayash. “Do Environmental Disasters Affect Human Capital? The Threat of Forest Fires” *Economics of Education Review* 97 (2023): 102463 [\[link\]](#)
- [19] Paudel, Jayash. “Challenges in Water and Sanitation Services: Do Natural Disasters Make Matters Worse?” *Review of Development Economics* 27, no. 4 (2023): 2565–2582 [\[link\]](#)
- [18] Johnson, Kelsey, Lee Parton, Christoph Nolte, Matt Williamson, Theresa Nogueire-McRae, Jayash Paudel and Jodi Brandt, “Moving to the Country: Understanding the Effects of Covid-19 on Property Values and Farmland Development Risk.” *Journal of Housing Economics* 62 (2023): 101955 [\[link\]](#)

- [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

- [3] 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. [\[link\]](#)

- [2] Chang, Michael, Li Erikson, Kathleen Araújo, Erica Asinas, Samantha Chisholm Hatfield, Lisa G. Crozier, Erica Fleishman, Ciarra Greene, Eric Grossman, Charles Luce, Jayash Paudel, Kirti Rajagopalan, Elise Rasmussen, Crystal Raymond, Julian Reyes, and Vivek Shandas. “Northwest.” In *Fifth National Climate Assessment* (2023). U.S. Global Change Research Program, Washington, DC, USA. [[link](#)], [[The White House Press Release](#)]
- [1] Paudel, Jayash. “Natural Disasters, Property Damages and the Role of Aid: Implications for Policy.” In *Navigating Resilient Post-Disaster Recovery in Asia and the Pacific*, edited by Piyush Tiwari, Dil B. Rahut, and KE Seetha Ram (2023). Asian Development Bank Institute. [[link](#)]

WORKING PAPERS

- [9] Paudel, Jayash, and Christine L. Crago. “Climate Change and Agriculture: Implications for Fertilizer Use and Water Quality in the United States” (Available upon request)
- [8] Paudel, Jayash, Nilesh Shinde, and Sakshi Upadhyay. “Addressing the Threat of Groundwater Depletion: Does a Command-and-Control Approach Work?” (Available upon request)
- [7] Ryu, Hanbyul, Jayash Paudel, and Jihwan Kim. “Human-induced Fires and Residential Market Demand ” (Under review)
- [6] Jiang, Fan, Bakhtear Talukdar, Jayash Paudel, and Pallab Mozumder “Responses to Multiple Hurricane Exposures in Florida: Evidence from Real Estate Sales Data” (Under review)
- [5] Kamble, Vikrant, Jayash Paudel, and Ashok Mishra. “Environmental Shocks and Agriculture: Implications of Floods on Labor Market Outcomes” (Revisions requested)
- [4] Paudel, Jayash. “Greening Investments: Firm-level Environmental Risks and Lobbying Strategies” (Under Review)
- [3] Paudel, Jayash. “Universal Social Protection and Gender Disparities in Food Security: Insights from Nepal” (Revisions requested)
- [2] Paudel, Jayash. “Economic Impact of Large Earthquakes: Lessons from Residential Property Values” (Revisions Requested)
- [1] Paudel, Jayash. “Wildfires Have Increased Economic Inequality across the Globe” (Revisions Requested)

RESEARCH GRANTS

Awarded:

- | | |
|--|-------------|
| US Department of Agriculture (USDA) | 2021-2024 |
| “ProRurUL: Protecting Agricultural Land in Rural Landscapes experiencing Urban and Low-density Residential Developments” | |
| Co-Principal Investigator, \$422,619 | |
| Institute for Humane Studies | 2023-2024 |
| “Power Outage and Local Economy: Racial Disparities in Labor Market Outcomes” | |
| Principal Investigator, \$16,200 | |
| Dodge Family College of Arts and Sciences | Summer 2023 |
| “Agricultural Adaptation to Climate Change: Implications for Water Quality in the US” | |
| Principal Investigator, \$7,000 | |
| Data Institute for Societal Challenges (DISC) | 2022-2023 |
| “Applying Micro-Level Data to Estimate the Economic Value of Hazard-Related Information” | |
| Principal Investigator, \$7,500 | |

World Institute for Development Economics Research “Natural Disasters and Economic Inequality: Insights from Wildfires across the Globe” Principal Investigator, \$6,000	2021-2022
World Institute for Development Economics Research “Earthquakes, Foreign Aid and Informal Economy” Principal Investigator, \$6,000 (Declined)	2019-2020

INVITED SEMINARS

California State University, Fullerton; University of Houston; University of Oklahoma; Texas A&M University; North Dakota State University; Asian Development Bank Institute (ADB); 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

Session organizer (†) and Discussant (**)

2024

Association of Environmental and Resource Economists Session at the Allied Social Sciences Association (ASSA) Meeting (Texas**), Northeast Agricultural and Resource Economics Association Meeting (Delaware†)

2023

Association of Environmental and Resource Economists Conference (Maine), Eastern Economic Conference (New York), Chinese Economic Society (CES) North America Conference (Oklahoma†)

2022

WIDER Development Conference on Inequality (Colombia), Asian Development Bank Institute (Virtual)

2021

Southern Economic Association Meeting (Texas), Agricultural and Applied Economics Association Mentoring Workshop (Texas), Northeast Agricultural and Resource Economics Association Meeting (Virtual)

2020

Northeast Agricultural and Resource Economics Association Meeting (Virtual), Association of Idaho Cities Annual Conference (Idaho), Southern Economic Association Meeting (Virtual)

2019

4th Annual Pacific Northwest Labor Day Workshop (Oregon), Northeast Agricultural and Resource Economics Association Meeting (New Hampshire), Agricultural and Applied Economics Association Meeting (Georgia)

2018

Southern Economic Association Meeting (DC), Harvard Environmental Economics Workshop (Massachusetts), Heartland Environmental and Resource Economics Workshop (Illinois), Camp Resources XXV Workshop (North Carolina), Northeast Agricultural and Resource Economics Association Meeting (Pennsylvania), Agricultural and Applied Economics Association (DC), World Congress of Environmental and Resource Economists (Sweden), Data Intensive Farm Management Annual Meeting (Iowa), Midwest Economic Association Meeting (Illinois), Western Economic Association International Conference (Australia)

2017

Sustainable Development Doctoral Society (New York), Southern Economic Association Meeting (Florida), Agricultural and Applied Economics Association Meeting (Illinois), Northeast Agricultural and Resource Economics Association (DC), Association of Environmental and Resource Economists (Pennsylvania), U.S. Society for Ecological Economics Conference (Minnesota)

2016

Agricultural and Applied Economics Association Meeting (Massachusetts), Association of Environmental and Resource Economists Conference (Colorado), Sustainable Development Doctoral Society (New York)

INVITED WORKSHOPS

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
West Virginia University Summer Empirical Workshop, WV	Jul 2016

HONORS AND AWARDS

Junior Faculty Summer Fellowship, Dodge Family College of Arts and Sciences	April 2024
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

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

University of Oklahoma	
Econ 4970: Mathematical Economics (Undergraduate)	2024 - Present
Econ 6773: Seminar in Public Economics (Ph.D.)	2023 - Present
Econ 3213: Environmental Economics (Undergraduate)	2022 - 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	

ADVISING EXPERIENCE

Ph.D. Dissertation / Masters Thesis Committee Member (†) and Chair (**)
 Research Supervisor (‡)

University of Oklahoma

Anna Hyslop‡, BA	Spring 2024
Sushant Singh†, Ph.D.	Spring 2024 - Present
Sara Asgari†, Ph.D.	Spring 2024 - Present
William Townsend†, Ph.D.	Spring 2023 - Present
Alissa Meek†, MS	Fall 2022 - Spring 2024
Samuel Hunt‡, BA	Fall 2023
Tejas Ghirnikar†, Ph.D.	Fall 2022 - Spring 2023
Sara Asgari‡, Ph.D.	Fall 2022 - Spring 2023

Boise State University

David Newton**, MS	Summer 2021 - Spring 2022
Nicholas Fairbanks‡, MS	Fall 2021
Simin Joshaghani‡,†, MS	Fall 2020 - Spring 2021
Helen Wang‡, BA	Summer 2020
Cade White‡, BS	Fall 2019 - Spring 2020
Steve Hall‡, MS	Fall 2019 - Spring 2020

MEDIA COVERAGE

The Economics of Climate Change: [The Norman Transcript](#)
 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

Referee: *American Journal of Agricultural Economics* (x 4), *Applied Economics*, *Applied Economics Letters*, *Applied Economic Perspectives and Policy*, *Asian Development Review*, *China Economic Review*, *Clinical Epidemiology and Global Health*, *Cogent Social Sciences*, *Economics Bulletin* (x 2), *Economics of Education Review*, *Economic Inquiry*, *Empirica*, *Energy Economics* (x 7), *Energy Policy*, *Environmental and Resource Economics* (x 3), *Food Policy*, *Forest Policy and Economics*, *Frontiers in Climate*, *International Migration Review*, *Journal of the Agricultural and Applied Economics Association*, *Journal of Asian Economics*, *Journal of Development Economics*, *Journal of Economics*, *Race and Policy*, *Journal of Economic Behavior and Organization*, *Journal of Environmental Economics and Management*, *Journal of Environmental Management*, *Journal of*

Housing Economics (x 2), *Journal of International Development* (x 2), *Journal of Labor Research* (x 2), *Journal of the Association of Environmental and Resource Economists*, *Nature Climate Change*, *Natural Hazards Review*, *Nature Human Behaviour*, *Nature Sustainability*, *Public Transport*, *Review of Development Economics*, *Rural and Regional Development*, *SSM - Population Health*, *Water Economics and Policy* (x 2), *World Bank Economic Review*, *World Development Perspectives*, and *World Development* (x 5)

Grant Reviewer: South Asian Network for Development and Environmental Economics (SANDEE), 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

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

Research Engagement:

Member, VALUABLES Consortium (a collaboration between RFF and NASA)	2020 - Present
Coordinator, NAREA's Scholar's Circles Program	2020 - Present

University of Oklahoma

Long-term

Participant, Applied Micro Brownbag	Fall 2022 - Present
Search committee member, Environmental Economics Position	2022 - 2023
Program committee member, CES 2023 North America Conference	Spring 2023

Short-term

Reviewer, DFCAS Dissertation Completion and Research Fellowships	Spring 2024
Invited Speaker, Green Week's Educational Event	November 16 th , 2023
Invited Presenter, Center for Faculty Excellence	September 14 th , 2023
Invited Speaker, The Economics Club	September 13 th , 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 19 th , 2021
Invited Panelist, Scholarship Serving Community Partners	May 6 th , 2021
Invited Speaker, Division of Research and Economic Development	April 9 th , 2021
Invited Presenter, Economics Association Meeting	March 9 th , 2021
Invited Panelist, Department of Geosciences	November 19 th , 2019

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

FACULTY AND PROFESSIONAL DEVELOPMENT

Center for Faculty Excellence, University of Oklahoma	
Three-Day Book Proposal Workshop	Spring 2024
Ideation for Research in Climate Adaptation Science	Fall 2022
NFO In-Depth: Community Engaged Teaching and Research & Creative Activities	Fall 2022
Submitting an ORS Information Sheet	Fall 2022
Proposals 101 Workshop	Fall 2022
eCampus Center, Boise State University	
Co-designed an online, asynchronous Econ 333 course (with Lee Parton)	Spring 2021
Completed 48 hours of training in the eCampus Teaching Online Seminar (eTOS)	Spring 2020
Center for Teaching and Learning, Boise State University	
Building Your Professional Portfolio	Spring 2021
Think Spring! Supporting Equitable Student Access to Your Service Learning Project	Dec 2020
Assessing Your Students While Teaching Remotely	Nov 2020
Flexible Teaching for Student Success Institute	July 2020
Designing for Student Success Faculty Learning Community	Spring 2020
Mid-semester Assessment Program, Econ 333	March 2020
Intentional Tech: Teaching with Technology	March 2020
COVID-19 Planning Sessions	March 2020
Telling Your Teaching Story	February 2020
A Conversation With Students About Inclusive Classrooms	January 2020
Supporting Students by Creating Transparent Assignments	January 2020
Implementing Universal Design for Learning in Blackboard	January 2020
Mid-semester Assessment Program, Econ 303	October 2019

SKILLS

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

PROFESSIONAL MEMBERSHIPS

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
Academy of Management (AOM)	2017 - 2018

REFERENCES

Available upon Request