

WOONGCHAN JEON

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Academic Position

Sep 2023 - Present ETH Zurich D-MTEC CLENEC Postdoctoral Researcher

Areas of Specialization

Environmental and Resource Economics, Environmental Macroeconomics

Education

PhD	Economics	University of California, Santa Barbara	2023
MA	Economics	University of California, Santa Barbara	2018
MA	Agricultural & Resource Economics	Seoul National University	2017
BA	Agricultural Economics	Seoul National University	2015

Published and Accepted Papers

Jeon, Woongchan and Kieran James Walsh. “Heterogeneity and Macroeconomic State Dependence in the Spending Response to Stimulus.” *Economics Letters* 247 (2024): 112117.

Casey, Gregory, Woongchan Jeon, and Christian Traeger. “The Macroeconomics of Clean Energy Subsidies.” *Accepted at Journal of Environmental Economics and Management*

Working Papers

Lee, Sangwon, Woongchan Jeon, and Seunghyun Lee (2026). “Climate Change and Alcohol Use: Evidence from US Retail Sales Data.”

Jeon, Woongchan, Lint Barrage, and Kieran James Walsh (2025). “Pricing Climate Risks: Evidence from Wildfires and Municipal Bonds.” *Revisions Requested at Journal of Public Economics*

Jeon, Woongchan (2023). “Pricing Externalities in the Presence of Adaptation.”

Works in Progress

Jeon, Woongchan (2025). “Credit Ratings and the Cost of Wildfires: Evidence from California School District Finances.”

Pre-doctoral Publications

Jeon, Woongchan and Kwansoo Kim. "An Analysis on Production Efficiency of Korean Rice Farms: A Zero Inefficiency Stochastic Frontier Approach." *The Korean Journal of Agricultural Economics* 59 no. 2 (2018): 1-16.

Jeon, Woongchan and Kwansoo Kim. "Estimating the Causal Effects of Fostering Programs for Future Farmers in Crop Production." *The Korean Journal of Agricultural Economics* 58 no. 2 (2017): 49-68.

Jeon, Woongchan and Kwansoo Kim. "Optimal Weed Control Strategies in Rice Production under Dynamic and Static Decision Rules in South Korea." *Sustainability* 9 no. 6 (2017): 956.

Invited Talks and Conferences (*: scheduled)

- 2026 Seoul National University (Agricultural and Resource Economics)
- 2025 Econometric Society Interdisciplinary Frontiers and CEPR-Economics+Climate Science
Mannheim Conference on Energy and the Environment
Association of Environmental and Resource Economists Summer Conference
LSE/Imperial Workshop on Environmental Economics
European Association of Environmental and Resource Economists Annual Conference
Municipal Finance Conference (at the Brookings Institution in Washington, DC)
- 2024 Empirical Methods in Energy Economics Annual Workshop
Association of Environmental and Resource Economists Summer Conference
Monte Verità Conference on Sustainable Resource Use and Economic Dynamics
European Association of Environmental and Resource Economists Annual Conference
Sogang University (Economics, Online)
Seoul National University (Agricultural and Resource Economics)
Sogang University (Economics)
- 2023 Swiss Workshop on Environmental, Resource and Energy Economics

Service

Referee

Journal of Environmental Economics and Management, Journal of Political Economy Microeconomics, Kyklos, Management Science

Association

- 2025 Association of Environmental and Resource Economists Summer Conference, Reviewer

ETH Zurich

- Fall 2024 - Spring 2026 CEPE Lunch Seminar in Sustainability Economics and Finance, Coordinator
- Fall 2024 - Spring 2025 CER-CEPE ETH Brown Bag Lunch Seminar, Co-organizer

Grant, Honors, and Awards

- 2022 UCSB Department of Economics Dissertation Fellowship
UCSB Department of Economics Research Quarter Fellowship
- 2021 California Policy Lab Seed Grant (7,500 USD)
California Policy Lab Graduate Fellowship
University of California Office of the President Diversity Initiative Research Assistantship
- 2020 UCSB Department of Economics Costas Fellowship
- 2019 UCSB Department of Economics Gretler Fellowship
- 2017 UCSB Department of Economics Block Grant Fellowship for Recruitment
- 2016 Korean Association of Agricultural and Food Policy Best Paper Award - Master's Student
- 2015 Kwanjeong Educational Foundation Scholarship
Seoul National University CALS Education and Research Foundation Scholarship
Seoul National University CALS Outstanding Undergraduate Thesis Award

Teaching Experience

MSc Thesis Supervision at ETH Zurich D-MTEC

- Jayrane Nobari (Co-supervisor with L. Barrage & M. Alsina-Pujols, 2025)
- Marc Denzel (Co-supervisor with L. Barrage, 2024) - McKinsey & Company

Instructor

- MSc “Macroeconomic Modeling of Climate Change” at ETH Zurich, Spring 2025 - Spring 2026
- MSc “Climate Economics and Finance” at ETH Zurich, Guest Lecture on 24/04/24 and 26/05/05
- PhD “Math Boot Camp” at UCSB, Summer 2019 - Summer 2020

Policy Citations, Public Engagement, and Media Coverage

Council of Economic Advisers. (2024). *The 2024 Economic Report of the President*. Executive Office of the President of the United States.

Panel Speaker, National League of Cities (NLC) Webinar “*When Disaster Strikes: Preparing Municipal Bonds to Support Infrastructure for Wildfires and Natural Disasters*,” October 30, 2025.

Presenter, Federal Finance Administration (FDF) “EFV/ETH: Expert meeting on the economic and fiscal implications of climate change,” July 23, 2024.

Rosin, A. (2025, August 1). *Measuring the Impact of Climate Change on State and Local Governments' Fiscal Health*. The Brookings Institution.

Risk Market News. (2025, July 28). *Wildfire Risk May Fuel “Viscous Cycle” in Municipal Bond Market*. Risk Market News.

Webster, K. (2025, July 23). *Wildfire Risks Are Reflected in Muni Borrowing Costs, Study Shows*. The Bond Buyer.