

# 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 |

## Publications

Jeon, W. & Walsh, K. J. (2024). Heterogeneity and Macroeconomic State Dependence in the Spending Response to Stimulus. *Economics Letters*, 247, 112117.

## Working Papers

Jeon, W., Barrage, L., & Walsh, K. J. (2025). Pricing Climate Risks: Evidence from Wildfires and Municipal Bonds. *Revisions Requested at Journal of Public Economics*

Casey, G., Jeon, W., & Traeger, C. (2025). The Macroeconomics of Clean Energy Subsidies. *Revised and Resubmitted at Journal of Environmental Economics and Management*

Jeon, W. (2023). Pricing Externalities in the Presence of Adaptation.

## Works in Progress

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

## Pre-doctoral Publication

Jeon, W. & Kim, K. (2018). An Analysis on Production Efficiency of Korean Rice Farms: A Zero Inefficiency Stochastic Frontier Approach. *Korean Journal of Agricultural Economics*, 59(2), 1-16.

Jeon, W. & Kim, K. (2017). Estimating the Causal Effects of Fostering Programs for Future Farmers in Crop Production. *Korean Journal of Agricultural Economics*, 58(2), 49-68.

Jeon, W. & Kim, K. (2017). Optimal Weed Control Strategies in Rice Production under Dynamic and Static Decision Rules in South Korea. *Sustainability*, 9(6), 956.

## Invited Talks and Conferences (\*: scheduled)

- 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 (JEEM), Journal of Political Economy  
Microeconomics (JPE Micro), Kyklos

### Association

Reviewer, Association of Environmental and Resource Economists 2025 Summer Conference

## Grant, Honors, and Awards

- 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
- 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 -
- MSc “Climate Economics and Finance” at ETH Zurich, Guest Lecture on April 24, 2024
- PhD “Math Boot Camp” at UCSB, Summer 2019 - 2020

## Media Coverage and Policy Citations

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.

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

## References

Available upon request