

Minwoo Hyun

minwoohyun@ucsb.edu | <https://minwoo-hyun.github.io> | North Hall, Santa Barbara, CA 93106

EDUCATION

University of California, Santa Barbara	Santa Barbara, CA
Ph.D., Economics	2026 (Expected)
M.A., Economics	2021
Korea Advanced Institute of Science and Technology (KAIST) College of Business	Seoul, Korea
M.S., Green Business and Policy	2019
Yonsei University	Seoul, Korea
B.S., Chemical Engineering	2017

COMPLETED RESEARCH PAPERS

1. M. Hyun, 2025, "Trapped or Transferred: Worker Mobility and Labor Market Power in the Energy Transition," *Job Market Paper*
2. M. Hyun, 2025, "Fossil Fuels and Fiscal Federalism: How Intergovernmental Transfers Respond to Local Coal Industry Declines," *Working Paper*
3. M. Hyun, 2025, "Industrial Decline Raises Juvenile Antisocial Behavior: Evidence from US Coal Communities," *Working Paper*

PUBLICATIONS

1. M. Anderson, M. Hyun, and J. Lee, 2026, "Bounds, Benefits, and Bad Air: Welfare Impacts of Pollution Alerts," *The Economic Journal*
2. M. Hyun, A. Cherp, Y. Kim, J. Jewell, and J. Eom, 2023, "Feasibility trade-offs in decarbonising the power sector with high coal dependence: The case of Korea," *Renewable and Sustainable Energy Transition*
3. J. Eom, M. Hyun, J. Lee, and H. Lee, 2020, "Increase in household energy consumption due to ambient air pollution," *Nature Energy*
4. M. Hyun, Y. Kim, and J. Eom, 2020, "Assessing the impact of a demand-resource bidding market on an electricity generation portfolio and the environment," *Energy Policy*

RESEARCH EXPERIENCE

U.S. Census Bureau	
Special Sworn Researcher	Mar, 2024 – Present
Environmental Markets Lab (emLab) – University of California, Santa Barbara	
Graduate Student Researcher (PI: Dr. Kyle Meng)	Jun – Dec, 2022; Oct, 2024 – Mar, 2025
Environmental Defense Fund	
Doctoral Economics Intern (PI: Dr. Luis Fernández Intriago)	Jun – Sep, 2023
KAIST Sustainable Development Research Center	
Research Associate (PI: Dr. Jiyong Eom)	Feb, 2019 – Jul, 2020

TEACHING EXPERIENCE

Intermediate Microeconomic Theory (ECON 10A) – Teaching Assistant	Fall 2020; Winter 2023
Principles of Macroeconomics (ECON 2) – Teaching Assistant	Winter 2021; Spring 2021
Managerial Economics (ECON 106) – Teaching Assistant	Fall 2021; Fall 2023; Spring 2024
Environmental Economics (ECON 115) – Teaching Assistant	Winter 2022; Spring 2022
Labor Economics (ECON 150A) – Teaching Assistant	Winter 2024
Monetary Economics (ECON 135) – Teaching Assistant	Summer 2024
Economic Development (ECON 114) – Teaching Assistant	Fall 2025
Topics in Macroeconomics Theory (ECON 133) – Teaching Assistant	Winter 2026

PRESENTATIONS AND SEMINARS

LSE Green Skills Lab Workshop [*] ; University of Oklahoma [*]	2026
EPA National Center for Environmental Economics (NCEE) Seminar [*] ; SOCAE [*]	2025
All-California Labor Economics Conference ^{**} ; Camp Resources XXXI [*] ; CU ERE Workshop [*]	
UCSB Occasional Workshop ^{**} ; AERE Annual Summer Conference [*] ; WEAI Annual Conference [*]	
Sogang University [*] ; Korea Labor Institute [*] ; KAIST [*]	
Harvard Climate Economics Pipeline Workshop [*] ; AERE Annual Summer Conference [*]	2024
LSE Environment Day [*] ; UCSB Occasional Workshop ^{**} ; AERE Annual Summer Conference [*]	2023
WEAI Annual Conference [*] ; KAIST [*] ; KDI School of Public Policy and Management [*]	
IAEE International Conference [*]	2019
IAEE International Conference [*] ; POMS Annual Conference [*]	2018

^{*} Long (regular) presentation ^{**} Short (egg-timer) or poster presentation

FELLOWSHIPS AND AWARDS

Summer Job Market Fellowship, UCSB Department of Economics	2025
Research Quarter Fellowship, UCSB Department of Economics	2023; 2025
Giannini Foundation of Agricultural Economics, University of California	2022
Honors with Master's Thesis, Korea Advanced Institute of Science and Technology	2019
Honors with Academic Excellence, Yonsei University	2015

SKILLS

Programming: R, Python, ArcGIS, Matlab, and STATA
Language: Korean (native), English (fluent)

REFeree SERVICE

Journal of Labor Economics (2); Journal of Health Economics; Economics of Education Review; Journal of Environmental Economics and Management; Environmental and Resource Economics; Energy Economics; Nature Climate Change

REFERENCES

Kyle Meng (Ph.D. Dissertation Adviser)
Associate Professor
Bren School of Environmental Science and
Management & Department of Economics
UC Santa Barbara
kmeng@bren.ucsb.edu

Olivier Deschênes (Ph.D. Dissertation Committee)
Professor
Department of Economics
UC Santa Barbara
olivier@econ.ucsb.edu

Peter Kuhn (Ph.D. Dissertation Committee)
Distinguished Professor
Department of Economics
UC Santa Barbara
peter.kuhn@ucsb.edu