

Appointments

- 2025– *Assistant Professor of Public Policy and Economics*
Batten School of Leadership and Public Policy, University of Virginia
- 2024–2025 *Postdoctoral Scholar*
Center on Food Security and the Environment, Stanford University
- 2018–2025 *Associate Fellow*
Global Policy Laboratory, UC Berkeley/Stanford University

Education

Ph.D., M.Phil., M.A. in Sustainable Development
School of International and Public Affairs & the Earth Institute, Columbia University

Master of Public Policy
University of California, Berkeley

B.A. in Political Economy
University of California, Berkeley

Publications

8. Xinming Du and Andrew J. Wilson. *Temperature and the safety of U.S. railways*. Forthcoming at Journal of Public Economics. ([link](#))
7. Danny Bressler, Anna Papp, Luis Sarmiento, Jeff Shrader, Andrew J. Wilson. *Working under the sun: the role of occupation in temperature-related mortality in Mexico*. Forthcoming at Journal of Human Resources. ([link](#))
6. Chris Callahan, Jared Trok, Andrew J. Wilson, Carlos Gould, Sam Heft-Neal, Noah Diffenbaugh, and Marshall Burke. 2025. *Quantifying the contributions of climate change and adaptation to mortality from unprecedented extreme heat events*. PNAS. ([link](#))
5. Chris Callahan, Jared Trok, Andrew J. Wilson, Carlos Gould, Sam Heft-Neal, Noah Diffenbaugh, and Marshall Burke. 2025. *Intensifying risk of mass human heat mortality if historical weather patterns recur*. Nature Climate Change. ([link](#))
4. Andrew J. Wilson, R. Daniel Bressler, Jeffrey Shrader, Radley Horton, Casey Ivanovich, Patrick Kinney, Colin Raymond, and Adam Sobel. 2024. *Age dependent heat-related mortality: Evidence from wet-bulb temperature in Mexico*. Science Advances. ([manuscript](#))
3. Andrew B. Martinez and Andrew J. Wilson. 2024. *The Macroeconomic Effects of Physical Climate Risks*, in Handbook of Research Methods and Applications in Macroeconomic Forecasting. Eds. Michael P. Clements and Ana Beatriz Galvão. ([link](#))
2. Ben Orlove, Pasang Sherpa, Neil Dawson, Ibidun O. Adelekan, Wilfredo Alanguí, Rosario Carmona, Deborah Coen, Melissa Nelson, Victoria Reyes-García, Jennifer Rubis, Gideon Sanago, and Andrew J. Wilson. 2023. *Placing diverse knowledge systems at the core of transformative climate research*. Ambio. ([link](#))
1. Andrew J. Wilson and Ben Orlove. 2021. *Climate urgency: evidence of its effects on decision making in the laboratory and the field*. Current Opinion in Environmental Sustainability. ([link](#))

Work in progress

- Marshall Burke, Mustafa Zahid, Mariana Martins, Christopher Callahan, Khusel Avirmed, Jonas Wallstein, Richard Lee, Jay Amgalan, Renzhi Jing, Sam Heft-Neal, Rachel Young, Andrew J. Wilson, Sandra Aguilar-Gomez, Mathew V. Kiang, Solomon Hsiang, and David B. Lobell. *No clear evidence society is becoming less sensitive to climate*. Under review. ([link](#))
- Marissa Childs, Mariana Martins, Andrew J. Wilson, Sam Heft-Neal, Minghao Qiu, and Marshall Burke. *Estimates of wildfire-derived PM_{2.5} for the contiguous U.S. and implications for air quality regulation*. Under review. ([link](#))
- Marshall Burke*, Andrew Wilson*, Tumenkhusel Avirmed, Jonas Wallstein, Mariana C. M. Martins, Patrick Behrer, Christopher W. Callahan, Marissa Childs, June Choi, Karina French, Carlos F. Gould, Sam Heft-Neal, Renzhi Jing, Minghao Qiu, Lisa Rennels, and Emma Krasovich Southworth. *Understanding and Addressing Temperature Impacts on Mortality*. Under review. ([link](#))
- Jaecheol Lee (✉) Andrew J. Wilson, and Solomon Hsiang. *Health damage from transboundary and domestic air pollution in mixture*. Under review. ([link](#))
- Andrew J. Wilson. *Air pollution, weather and criminal courts*. ([link](#))

Non-academic work

2025	<i>Fellow</i> , Rising Environmental Leaders Program, Stanford Woods Institute
AY 2022/2023	<i>Staff economist</i> , Council of Economic Advisers, The White House
Spring 2017	<i>Consultant</i> , NextGen Policy Center
Summer 2016	<i>Summer fellow</i> , Global Development Lab, U.S. Agency for International Development
Spring 2016	<i>Consultant</i> , Secretariat of Environment and Natural Resources, Gov't of Mexico

Habitat for Humanity Greater San Francisco

2014–2015	<i>Policy Analyst</i>
2013–2014	<i>AmeriCorps Community Engagement Coordinator</i>
2012–2013	<i>AmeriCorps Construction Crew Leader</i>

Teaching

Columbia University

Undergraduate-level course TA: Environmental science (fall 2023); Challenges of sustainable development (spring 2021)

Graduate-level course TA: COVID-19: Policymaking in the throes of a global crisis (fall 2020); Economics of energy (spring 2024); Environmental chemistry (summer 2019 and 2020); Risk and toxicology (summer 2019 and 2020); Climate change policy (spring 2019); Environmental economics (fall 2018)

Center for Teaching and Learning: Lead teaching fellow (AY 2021/2022)

UC Berkeley

Undergraduate-level course TA: Wealth and poverty (spring 2016 and 2017); Global poverty and practice (fall 2015 and 2016)

Service

- Refereeing: *The Review of Economics and Statistics*, *PNAS*, *Journal of Public Economics*, *Journal of Human Resources*, *Journal of Environmental Economics and Management*, *Population and Envi-*

ronment, Southern Economic Journal, Environment International, JAMA, Econometrics Journal, Environmental Research Letters

- *Mentor*, AEA Committee on the Status of Queer Individuals in the Economic Profession
- *Chapter scientist*, UNESCO/IPCC/ICOMOS White Paper: Intangible cultural heritage, diverse knowledge systems, and climate change
- *Contributing author*, Sixth Assessment Report of the Intergovernmental Panel on Climate Change, Working Group II, Chapter 17
- *Founding organizer*, Seminar on Planetary Management
- *President, Vice President* (AY 2017–2020), Sustainable Development Doctoral Society
- *Organizer* (2018, 2019), Interdisciplinary PhD Workshop on Sustainable Development (IPWSD)
- *Organizer* (2019), Sustainable Development Research Symposium (SusDeveR)
- *Board member* (2016), Larkin Street Youth Services

Presentations

- 2026 University of Cambridge, UCSD
- 2025 Southern Economic Association, Environmental Defense Fund, American Society of Health Economists (ASHEcon), European Association of Agricultural and Resource Economists (EAARE), TWEEDS, University of San Francisco (Economics), NBER (Determinants of Mortality), ASSA
- 2024 Heartland Workshop (UIUC) , Occasional Workshop (UCSB), Preparing for a Changing Climate (Stanford), ASSA, University of Melbourne (Econ), Environmental Protection Agency National Center on Environmental Economics, NYU Institute on Policy Integrity, UKNEE envecon
- 2023 Institute of Latin American Studies monthly seminar, Columbia Sustainable Development Seminar, Heartland Workshop (UIUC), TWEEDS, Camp Resources, Occasional Workshop (UCSB), OSWEET
- 2022 Interdisciplinary PhD Workshop in Sustainable Development, Northeast Workshop on Energy Policy and Environmental Economics, American Geophysical Union

Miscellanea

- **Human languages:** conversational Spanish and Mandarin Chinese; intermediate Japanese; basic Malay
- **Machine languages:** R, Python, MATLAB, STATA, Javascript
- **Certifications:** Special Sworn Status, U.S. Census Bureau, 2023 to present; NIH Human Subjects Research certification; PADI Open Water Diver; American Red Cross CPR and First Aid certification; ABC certified bartender

Updated 9 January 2026; **current version**