

## Andrew Hultgren

<b>Contact Information</b>	ahultgr@illinois.edu <a href="#">Website</a>	
<b>Academic Appointments</b>	Assistant Professor Department of Agricultural and Consumer Economics, National Center for Supercomputing Applications (secondary appointment), University of Illinois, Urbana-Champaign	2022 –
	Postdoctoral Scholar Energy Policy Institute at the University of Chicago, Department of Economics, University of Chicago	2020 – 2022
<b>Education</b>	UC Berkeley Chairs: Maximilian Auffhammer and Solomon Hsiang Fields: Environmental Economics, Industrial Organization	Ph.D., Agricultural and Resource Economics 2020
	UC Berkeley	M.S., Agricultural and Resource Economics 2017
	UC Berkeley	Master of Public Policy, Goldman School of Public Policy (GSPP) 2015
	Princeton University	B.S.E., Chemical Engineering 2002
<b>Published and Accepted Papers</b>	<p>“Climate Change Impacts to Global Agriculture Accounting for Adaptation”, Andrew Hultgren, Tamma Carleton, Michael Delgado, Diana Gergel, Michael Greenstone, Trevor Houser, Solomon Hsiang, Andrew Hultgren, Amir Jina, Robert Kopp, Steven B. Malevich, Kelly McCusker, Terin Mayer, Ishan Nath, James Rising, Ashwin Rode, and Jiacan Yuan. Conditionally Accepted at <i>Nature</i>. <a href="#">Available here</a>.</p> <p>“Valuing the global mortality consequences of climate change accounting for adaptation costs and benefits”, Tamma Carleton, Amir Jina, Michael Delgado, Michael Greenstone, Trevor Houser, Solomon Hsiang, Andrew Hultgren, Robert Kopp, Kelly McCusker, Ishan Nath, James Rising, Ashwin Rode, Hee Kwon Seo, Arvid Viaene, Jiacan Yuan, and Alice Tianbo Zhang. <i>Quarterly Journal of Economics</i>, 2022. <a href="#">Available here</a>.</p> <p>“Estimating a social cost of carbon for global energy consumption”, Ashwin Rode, Tamma Carleton, Michael Delgado, Michael Greenstone, Trevor Houser, Solomon Hsiang, Andrew Hultgren, Amir Jina, Robert Kopp, Kelly McCusker, Ishan Nath, James Rising, and Jiacan Yuan. <i>Nature</i>, 2021. <a href="#">Available here</a>.</p> <p>“The effect of large-scale anti-contagion policies on the coronavirus (COVID-19) pandemic”, Solomon Hsiang, Daniel Allen, Sebastien Annan-Phan, Kenny Bell, Ian Bolliger, Trinetta Chong, Hannah Druckenmiller, Luna Huang, Andrew Hultgren, Erin Krasovich, Peiley Lau, Jaecheol Lee, Ester Rolf, Jeanette Tseng, and Tiffany Wu. <i>Nature</i>, 2020. <a href="#">Available here</a>.</p>	
<b>Working Papers</b>	<p>“Strategic innovation and lobbying in response to regulatory uncertainty” (Hultgren 2024) <a href="#">Available here</a>.</p> <p>“Is Workplace Temperature a Valuable Job Amenity? Implications for Climate Change” (Rode et al. 2022) <a href="#">Available here</a>.</p>	
<b>Research in Progress</b>	<p>“Extreme Weather and Global Food Security” (with Hannah Kim and Sarah Janzen)</p> <p>“The Global Inequality Implications of Climate Change (Jina, Carleton, Hultgren, Rising, Rode et al.)”</p> <p>“The Welfare Economics of a Data-Driven Social Cost of Carbon” (Nath, McCusker et al.)</p> <p>“Climate change and crop choice: Evidence from a Global Panel” (Andrew Hultgren, Solomon Hsiang, David Lobell, Michael Roberts, and Wolfram Schlenker)</p> <p>“Are consumers willing to pay to avoid price uncertainty? Evidence from the vehicle leasing market” (with Scott Kaplan and Derek Wolfson)</p>	

<b>Teaching</b>	ACE 510: Natural resource economics (PhD field)	UIUC	Spring 2023, 24
	ACE 264: Stats & data analytics II (Undergraduate)	UIUC	Spring 2023, 24
	PP210A: Microeconomic theory (Master of Public Policy)	GSPP, UC Berkeley, Asst. to Steve Rafael	Fall 2015
	PP210B: Microeconomic theory (Master of Public Policy)	GSPP, UC Berkeley, Asst. to Daniel Acland	Spring 2015
<b>Fellowships and Awards</b>	UIUC List of Teachers Ranked as Excellent		2024
	NSF Fellow, Data Science for the 21 <sup>st</sup> Century (DS421)		2015 – 2018
	Outstanding Graduate Instructor, UC Berkeley		2015
	Honorable Mention, NSF Graduate Research Fellowship Program		2015
	Departmental Fellowship, Goldman School of Public Policy (UC Berkeley)		2013
	The Climate Registry Technical Expert Panel, Electric Power Sector Protocol (member)		2009
<b>Affiliations and Past Employment</b>	Member, Climate Impact Lab		2016 –
	Faculty Affiliate, National Center for Supercomputing Applications, UIUC		2022 –
	Faculty Affiliate, Center for Digital Agriculture, UIUC		2022 –
	Faculty Affiliate, Center for Latin American and Caribbean Studies, UIUC		2022 –
	Doctoral Fellow, Global Policy Lab		2016 – 2020
	Graduate Student Researcher, Agricultural & Resource Economics		2015 – 2016
	Project Manager, SWCA Environmental Consultants		2007 – 2011
Process Research Engineer, Rohm and Haas Company		2002 – 2006	
<b>Academic Presentations</b>	<p>The Occasional Workshop in Environmental and Resource Economics (UCSB, 2024), DePaul University (2024), Agriculture and Climate Change Workshop (Harvard, 2024), AERE (2024), NBER Spring Environment Meeting (Discussant, 2024) NBER Distributional Impacts of Climate Change on the Agriculture Sector Conference (2023), Conference on the Political Economy of Environmental Sustainability (Stanford GSB, 2023), The Workshop on Environmental Economics and Data Science (2023), Preparing for a Changing Climate (Stanford Doerr, 2023), Africa Meeting of the Econometric Society (2023), ASSA Session “Energy and Environmental Innovation” (2023), U. Chicago Institute for Mathematical and Statistical Innovation (2022), U.S. Climate Alliance (2022), NBER SI EEE (eggtimer, 2022), National Center for Supercomputing Applications (eggtimer, UIUC, 2022), UChicago EPIC (2021), Berkeley ERE (2021), Valparaiso University Spring Environmental Symposium (2021), UChicago EPIC (2021), CA Public Health Leadership Forum (2020), UC Berkeley ERE (2019), UCSB Occasional Conference (Egg Timer, 2019), UC Berkeley Climate Change Economics Lunch (2019), AERE Spring Conference (2019), U of Oregon TWEEDS (2019), UC Berkeley ERE (2018), UC Berkeley Climate Change Economics Lunch (2018), Columbia University Interdisciplinary Ph.D. Workshop in Sustainable Development (2018), UC Berkeley ERE (2017)</p>		
<b>Public Engagement</b>	<p>Research cited in the Economic Report of the President [of the United States] (2024)  “Estimating Wildfire-Related Damages from Climate Change” analysis for U.S. EPA (lead author, 2024)  Research deployed in novel U.N. Development Programme “Human Climate Horizons” platform (2023–)  <a href="#">Available here.</a>  Research cited in EPA “Report on the Social Cost of Greenhouse Gases: Estimates Incorporating Recent Scientific Advances” (2023)  <a href="#">Available here</a>, <a href="#">White House Fact Sheet here.</a>  Research cited in the Economic Report of the President [of the United States]: Chapters 1 and 2 (2023)  Research cited in the U.S. Fifth National Climate Assessment (Economics Chapter) (2023)  Presentation to U.S. Climate Alliance States: “A multisectoral update of the social cost of carbon” (2022)  Presentation and public Q&amp;A at the Calgary Conference on Climate Change: “Multisectoral estimates of the economic impacts of climate change” (2022)  Presentation to Illinois Agri-Food Climate Vision Sprint (2022)  Presentation to the California Medical Leadership Forum on Public Health (2020)</p>		

**Service**

Graduate Program Committee (Re-design of the PhD core), UIUC ACE, 2022 –  
Co-organizer, Department Training in Restorative Justice, UC Berkeley ARE, 2020  
Coauthor, ARE Student Letter on Equity and Inclusion, UC Berkeley ARE, 2020  
Co-presenter, Gender and URM Diversity at ARE, UC Berkeley ARE, 2018  
Co-president, Environmental Policy Group, UC Berkeley GSPP, 2014 – 2015

Refereeing: American Economic Journal: Economic Policy, American Journal of Agricultural Economics, Climatic Change, Earth's Future, Econometrica, The Economic Journal, Economic Development and Cultural Change, Environment and Development Economics, International Journal of Environmental Research and Public Health, Journal of the Association of Environmental and Resource Economists, Journal of Development Economics, Journal of Econometrics, Management Science, Nature Climate Change, One Earth, Proceedings of the National Academy of Sciences

Grant Review: National Science Foundation

**Languages**

English (native), Spanish (advanced), French (intermediate)