

Anthony Harding

CONTACT INFORMATION Georgia Institute of Technology Phone: (610) 308-4612
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APPOINTMENTS Georgia Institute of Technology **2023-Present**
Assistant Professor, School of Public Policy
Kiel Institute for the World Economy **July 2025**
Visiting Professor
Harvard University **2021-2023**
Postdoctoral Fellow, Kennedy School of Government

EDUCATION Georgia Institute of Technology **2020**
Ph.D. Economics
Rensselaer Polytechnic Institute **2015**
B.S. Mathematics and Physics

RESEARCH INTERESTS Climate, Environmental, and Energy Economics.

REFEREED JOURNAL PUBLICATIONS A. Harding, J. Moreno-Cruz, M. Quaas, W. Rickels, S. Smulders. “Distribution of Climate Damages in Convergence-Consistent Growth Projections” (2025). *Energy Economics*, 149.
F. Busch, J. Krupa, A. Harding. “An Indigenous perspective of climate engineering” (2025). *Energy Research & Social Science*, 125, 104117.
A. Harding, W. Yang, G. Vecchi, D. Keith. “Impact of solar geoengineering on temperature-attributable mortality ” (2024). *Proceedings of the National Academy of Sciences*, 121(52), e2401801121.
K. Ricke, A. Harding. “How may solar geoengineering impact global prospects for climate change mitigation?” (2023). *Oxford Review of Economic Policy*, 39(4), 828–841.
A. Harding, M. Belaia, D. Keith. “The value of information about solar geoengineering and the two-sided cost of bias” (2022). *Climate Policy*.
A. Harding, K. Ricke, D. Heyen, D.G. MacMartin, J. Moreno-Cruz. “Climate econometric models indicate solar geoengineering would reduce inter-country income inequality” (2020). *Nature Communications*, 11(227).
C. Blackburn, A. Harding, J. Moreno-Cruz. “Toward Deep-Decarbonization: an Energy-Service System Framework” (2017). *Curr Sustainable Renewable Energy Rep*, 4: 181–190.
A. Harding, J. Moreno-Cruz. “Solar geoengineering economics: From incredible to inevitable and half-way back” (2016). *Earth’s Future*, 4(12): 569-577.

WORKING PAPERS	“Watts and Bots: The Energy Implications of AI Adoption” <i>CESifo WP</i> , 2024 (With J. Moreno-Cruz)
	“A unifying theory of foreign intervention in domestic climate policy” <i>CESifo WP</i> , 2022 (With J. Moreno-Cruz)
	“From Micro-level Weather Shocks to Macroeconomic Impacts”
	“Contributions of country-level net land carbon sinks to inclusive wealth” (With L. Siebert, I. Gonzatti, C. Schwingshackl, J. Pongratz, W. Rickels)
OTHER PUBLICATIONS	“What role, if any, could solar geoengineering play in pathways towards carbon neutrality” (2024). In <i>2023 Korea-U.S. Policy Dialogue: Towards Carbon Neutrality</i> , pp. 119–142.
	“The economics of geoengineering” (2019). (With J. Moreno-Cruz) In <i>Managing Global Warming</i> , ed. TM Letcher, pp. 729–50. Amsterdam: Elsevier
GRANTS AND FUNDING	Georgia Tech SEI and BBIS - Augmenting “A Climate Atlas for the Southeastern US” with socioeconomic impact indicators August 2025 - May 2026
	Resources for the Future - Solar Geoengineering research project 2022
HONORS AND AWARDS	Georgia Tech Graduate Student Instructor of the Year 2020
PRESENTATIONS AND POSTERS	2025
	Degrees Global Forum, University of Leipzig, Kiel Institute for the World Economy
	2024
	RFF SRM Social Science Workshop, Southern Economic Association Annual Meeting
	2023
	RFF Solar Geoengineering Futures Panel, APPAM Fall Research Conference, KDI Korea-U.S. Policy Dialogue: Towards Carbon Neutrality, Indian Institute of Science
	2022
	RFF Solar Geoengineering Research Project: Academic Workshop, DEGREES Initiative Research Residency Week, Gordon Research Conference, Gordon Research Seminar
	2021
	UT Rio Grande Valley, EGU General Assembly, AERE Summer Conference, AGU General Assembly
	2020
	Southern Economic Association Annual Meeting (Cancelled due to COVID), APPAM Fall Research Conference (Cancelled due to COVID), AERE Summer Conference (Cancelled due to COVID), Georgia Tech CRIDC Conference, Ivan Allen College Graduate Student Conference (Presentation)
	2019

CU Env. and Res. Economics Workshop, Camp Resources, Georgia Tech
CRIDC Conference, Ivan Allen College Graduate Student Conference

2018

Southern Economic Association Annual Meeting, APPAM Fall Research Conference,
Georgia Tech CRIDC Conference, Ivan Allen College Graduate Student Conference

2017

Doctoral Consortium on Computational Sustainability

**TEACHING
EXPERIENCE**

Instructor of Record

Pubp 6312 - Economics of Environmental Policy (Sp24, Sp25)

Pubp 6120 - Cost Benefit Analysis for Policy (Fa23, Fa24, Fa25)

Econ 2100 - Economics and Policy (Su19, Fa19, Fa20)

Econ 2106 - Principles of Microeconomics (Sp20)

Econ 4440 - Economics of the Environment (Su20)

**PROFESSIONAL AND UNIVERSITY
SERVICE**

Referee Service

*Buildings and Energy, IEEE Transactions on Engineering and Management,
Nature Communications, Energy Economics, Journal of Environmental Economics
and Management, Nature Human Behavior, Climatic Change, Socio-Environmental
Systems Modelling*