

Amanda Sie

Rutgers University Department of Sociology
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Education

Rutgers University , New Brunswick, NJ Ph.D. Candidate in Sociology	In Progress
Rutgers University , New Brunswick, NJ M.A. in Sociology Graduate Certificate in Human Dimensions of Environmental Change	2022
Boston College , Chestnut Hill, MA B.A. in Environmental Studies with Sociology Concentration, with honors	2017

Publications & Papers under review

- Sie, Amanda**, Steven R. Brechin, and Christopher P. Borick. 2025. "Geoengineering Prioritization: A Study of a Proposed Expression of Mitigation Deterrence." *Climatic Change* 178(11):194. doi:10.1007/s10584-025-04026-y.
- Sie, Amanda**, Frederic Traylor. 2025. "The role of political and climate beliefs on mitigation deterrence in the US" in progress for *Environmental Sociology*.
- Sie, Amanda**. 2024. "Climate Engineering: Worth the Risks?" in *Routledge Handbook of Climate Change and Society*, edited by S. R. Brechin and S. Lee. Routledge.
- Jorgenson, Andrew K., Wesley Longhofer, Don Grant, **Amanda Sie**, and Vincentas Giedraitis. 2017. "The Effects of Economic and Political Integration on Power Plants' Carbon Emissions in the Post-Soviet Transition Nations." *Environmental Research Letters* 12(4):044009. doi: 10.1088/1748-9326/aa650b.

Honors, Awards, Grants, & Fellowships

University and Louis Bevier Dissertation Completion Fellowship (Rutgers University)	2025-2026
Conference Grant Award, Rutgers School of Graduate Studies, \$1000	2025, 2024, 2022
Small Grants Award, Rutgers University Department of Sociology, \$500	2024
RCI Student Support Fund, Rutgers Climate Institute, \$400 (spring) & \$500 (fall)	2023
Small Grants Award, Rutgers University Department of Sociology \$450 (spring) & \$600 (fall)	
Small Grants Award, Rutgers University, Department of Sociology, \$450	2022
Gretel Weiss Research Grant, Rutgers University Department of Sociology Project in collaboration with Steven Brechin	2019 – 2020
Phi Beta Kappa Honor Society	2017
Scholar of the College, Boston College	

Alpha Sigma Nu Honor Society	2016
Undergraduate Research Fellow, Boston College	2014-2016
Dean's List First Honor, Boston College	2014-2017

Presentations & Conference Participation

American Sociological Association , Chicago, IL	August 2025
The Sociology of Climate Change Pre-Conference	
<i>“Inherent Choices” and Risk Framings in Solar Geoengineering</i>	
Environmental Sociology Imaginations and Futures Roundtable	
<i>“Can Environmental Sociology Make Climate Scientists Do Better?”</i>	

Degrees Global Forum , Cape Town, South Africa	May 2025
Session organizer and presenter: Mainstream and Alternative Epistemologies in SRM	
<i>“Constructions of Risk in SRM Research”</i>	

Eastern Sociological Society , Boston, MA	March 2025
Environmental sociology mini-conference	
Session IV: Resilience and Climate Response	
<i>“The Role of Justice and Equity in Solar Geoengineering Research”</i>	

Eastern Sociological Society , Washington, DC	February 2024
Presidential Theme: Science and Technology Studies	
<i>“Should Solar Geoengineering Research Happen?: How Modelers Respond”</i>	

Climate Engineering Gordon Research Conference , Lucca, Italy	February 2024
Poster Presentation	
<i>“Effect of Information on Climate Engineering Public Perceptions and Climate Resource Allocation”</i>	

American Sociological Association , Philadelphia, PA	August 2023
Production and Management of Environmental Risks Roundtable	
<i>“Changing Concepts of Risk in Justifying Solar Geoengineering”</i>	

Eastern Sociological Society , Baltimore, MD	February 23, 2023
Environmental sociology mini-conference paper session: Envisioning climate change mitigation across multiple scales	
<i>“Contingencies of Geoengineering’s Moral Hazard Problem”</i>	

American Sociological Association , Virtual	August 2021
Energy and Environment Roundtable	
Roundtable Organizer/Presider	

Advancing Research and Scholarship at Boston College , Chestnut Hill, MA	December 2016
Undergraduate poster session	
<i>“Feminist Foodies: Prioritizing Women in Coastal Fisheries Management and Fisheries Development in the Pacific Islands”</i>	

Research Projects & Experience

Climate Engineering and Climate Change Beliefs

In Progress

- Manuscript in progress using data from “To assess the impact of different online survey samples in eliciting public preferences for energy system decarbonization” (Rachel Shwom, Steven Brechin, Frederic Traylor)
- Investigating preferences for climate actions amongst climate engineering, mitigation, and adaptation

Graduate Research Assistant

Sept 2022 – November 2023

- RA for Melissa Aronczyk’s project “The Business of Influence: Networks, Narratives, and Strategies of Influence and Non-Influence around Climate Change” funded by Climate Social Science Network
- Conducting background research and writing report on PR firms involved in shaping strategies for energy companies on climate change

Climate Change Solutions Project

July 2019 – 2021

- In collaboration with Steven Brechin, advisor
- Develop database of climate change mitigation solutions, both existing and proposed
- Analyze attitudes towards each solution from different social groups to better understand feasibility of solutions

Undergraduate Research Fellow, Boston College Dept. of Sociology

May – Dec. 2016

Advisor: Andrew Jorgenson

- Conducted literature reviews on Chinese provincial energy policies and EU energy policies in recently-joined Eastern European nations
- Validated data using online databases, processed and analyzed raw data to be used for analysis models

Undergraduate Research Fellow, Boston College Dept. of Sociology

Summers 2014 – 2015

Advisor: Brian Gareau

- Developed methods for the quantitative analysis of historical cranberry agricultural publications for future studies of sustainable agricultural trends
- Coordinated primary resource analysis with research associates
- Analyzed historical cranberry farming literature for insights relevant to our research hypothesis

Teaching

Instructor, Rutgers University

Fall 2024

Sociology 101, Introduction to Sociology

Instructor, Rutgers University

Fall 2023

Sociology 359, Environmental Sociology

Teaching Assistant, Rutgers University

Spring 2025

Sociology 311, Social Research Methods, Instructor: Chris Drue

Teaching Assistant, Rutgers University

Spring 2024

Sociology 115, Color of Health, Instructor: Dawne Mouzon

Teaching Assistant, Rutgers University

Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2022, Spring 2023

Human Ecology 279, Politics of Environmental Issues, Instructor: Ethan Schoolman

Workshops

Action for Climate Justice: Contributions from Social Science, Yale University

2025

Participant

Environmental Sociology Workshop, Rutgers University

2023, 2024

Presented research; led workshop on climate anxiety

Environmental Governance Group Workshop, Rutgers University

2021

Organized and led Zoom workshop on governance of solar geoengineering

Problem Solving Sociology Dissertation Development Workshop, Northwestern University May

2020

Professional Memberships

Climate Social Science Network

American Sociological Association

Eastern Sociological Association

Work & Service

Non-Narrative Writing Group, The Ruby, San Francisco CA

Nov 2024 – current

Organize and facilitate monthly workshops about research and non-narrative focused writing.

Workshops have focused on research and data methods, writing accountability, developing research questions, and growing communities.

Associate Dean of Recruitment and Retention, School of Graduate Studies,

Rutgers University

Jan 2021 – Aug 2022

Graduate Assistant

Mentored undergraduate participants in summer research program, organized events, administered fellowships

Faculty Search Committee, Rutgers University Dept of Sociology

Fall 2021

Graduate Representative

Organized job interview meetings with graduates, and graduate input for environmental job hire

Graduate Union of Sociology Students, Rutgers University

2019 – 2023

President, Treasurer, Social Coordinator, First Year Rep

Facilitated communication between dept. leadership and graduate students, organized meetings and social events

Technical Skills

- R
- Stata
- SPSS
- NVivo
- ArcGIS