

Jiahang He

Contact Information	685 Commonwealth Ave, CAS 432 Boston, MA 02215 Languages: Mandarin Chinese (native), English (fluent), Japanese (fluent), French (conversational)	jhhe@bu.edu +1 (608)733-9766
Education	Boston University, Boston, MA Ph.D. in Earth & Environment	2023 – 2027 (expected)
	University of Wisconsin - Madison, Madison, WI M.S. in Agricultural & Applied Economics	2022 – 2023
	University of Wisconsin - Madison, Madison, WI B.S. in Agricultural & Applied Economics; B.S. in Environmental Studies	2018 – 2022
Research Interests & Skills	Interests: Environmental economics, urban economics, climate risk modeling, disaster resilience & adaptation, general equilibrium modeling (CGE) Programming: R, Python, Stata, GAMS, Julia (JuMP), ArcGIS, Git, L ^A T _E X	
Experience	Policy Research Intern InnSure Corporation, Cambridge, MA Supervisor: Charlie Sidoti, Executive Director - Develop a framework for quantifying social burden costs of extreme flooding (displacement, health impacts, service disruption, equity), for integration into InnSure's AI-powered Total Cost of Risk (TCOR) Simulator - Contribute to the Town of Plymouth AI-Driven Flood TCOR Economic Simulator, funded by the Massachusetts Coastal Resilience Grant Program	May – Aug 2026
	Graduate Research Assistant Department of Earth & Environment, Boston University; University of Delaware CHEER Hub Advisor: Professor Ian Sue Wing	2023 – Present
	Research Assistant Department of Agricultural & Applied Economics; Forest & Wildlife Ecology, UW-Madison Advisors: Professors Dominic Parker, Jeremy Foltz, Steven Deller, & Dan Preston	2019 – 2023
Research	Working Papers: Tropical Cyclone Mortality Mechanisms: Infrastructure Failure, Heat, Power Outages, and Health-care Disruption (with Ian Sue Wing) Draft in progress Tropical Cyclone Hazards and Economic Losses in Coastal North Carolina (with Jackson Parker, Brain Blanton, Christine Szpilka, Dahui Liu, Kendra Dresback, Randy Kolar, Brian Colle, Linda Nozick, and Ian Sue Wing) Preparing for submission Economy Dynamics and Disaster Resilience for Households in North Carolina: An Adaptive Rolling Intertemporal Planning Model Draft in progress (with Ian Sue Wing, under CHEER Hub) Household Sorting Over Tropical Cyclones in North Carolina A Parcel-Level Implementation of the Capabilities-Approach Social Burden Metric for Massachusetts Coastal Communities (With InnSure) Draft in progress Other Research:	

Sentiment of Language in Environmental Economics Journals (with D. Parker, N. Ha Do); Benefit-Cost Analysis & Budget-Impact Calculator (UW-Madison Office of Sustainability); Network Analysis of Dairy Supply Chains (UW-Madison)

Teaching, Leadership & Service Teaching Fellow, EE 545: Methods of Environmental Policy Analysis Spring 2026
Boston University, Instructor: Dr. Christoph Nolte

Supplemental Instructor & Grader, AAE 319: International Agricultural Economy Fall 2022
UW-Madison, Instructor: Dr. Charles Nicholson

College of Agricultural & Life Sciences, UW-Madison

- Student Ambassador: Admitted Students Chair (2021–2022), Events Chair (2020–2021)
- Faculty Search Committee Member (2022); Peer Advisor, Summer Orientation (2020)

Boston University URBAN Program

- Symposium Coordinator (2026)

Awards, Presentations & Affiliations

Selected Fellowships & Awards:

Non-Service Scholarship, BU URBAN 2025

Early Stage Urban Research Award, BU Initiative on Cities 2025

Research Fellowship, Boston University Multiple Semesters, 2023 –

NSF-supported BU URBAN Program Fellowship 2023

Dean's List, UW-Madison Multiple Semesters, 2019 – 2022

Renk Scholarship 2020, 2021

Presentations:

IDEAAL DR2 Workshop at U Washington (Scheduled), Camp Resources XIII (Scheduled) 2026

Hurricanes and Health: Understanding Risks and Fostering Resilience, BUSPH-HSPH CAFE 2025

Professional Affiliations:

Boston University URBAN Program (NSF Research Traineeship) 2023 –

University of Delaware CHEER Hub 2023 –

References

Ian Sue Wing

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