Mark A. Nepf

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Education

PhD Public Policy & Management 2022 – Present
University of Washington; Seattle, WA
Distinctions: Data Science Concentration (exp. 2027)
Civic Health Initiative Research Grant
Statistics Concentration
Demographic Methods Certificate
Blalock Statistics & Social Science Fellowship
Evans School Doctoral Assistantship Award

MS Marine Science 2015 – 2017
Stony Brook University; Stony Brook, NY
Distinctions: DAAD Research Scholarship
SUNY Research Grant
Dean's Scholarship
Maze-Landeau Travel Award
2017 Waterfront Alliance Scholar

BA Economics; BS Environmental Policy 2010 – 2014
Marist College; Poughkeepsie, NY
Distinctions: Economics Honor Society
Economics Research Grant
1st place Target Case Study Competition

Work & Research

Ocean Nexus; Seattle, WA 2023 – Present
Student Fellow
- Exploring structural participation barriers inside U.S. National Estuary Programs (NEPs)
- Leveraging spatial data to understand climate risk within NEP boundaries
- Assessing whether estuaries exhibit unique vulnerability warranting policy attention
- Interviewing NEP Directors to understand public engagement strategies

Population Health Initiative; Seattle, WA Summer 2025
Applied Research Fellow
- Evaluated the accessibility of public parks in King County, WA
- Performed and visualized spatial analyses to identify regions of low access
- Interviewed park users to understand existing barriers

Evans School of Public Policy & Governance; Seattle, WA 2022 – Present
Graduate Researcher
- Reviewing how the administrative state contributes to environmental injustice
- Differentiating recognitional equity as a critical but overlooked component
- Developing framework to inform environmental justice public administration research

U.S. Environmental Protection Agency; Washington, DC 2020 – 2022
ORISE Research Fellow
- Used Census data to identify regional disparities in federal Brownfield grant dollars
- Assessed potential environmental justice issues in Brownfields program
- Outlined policy changes to help underserved individuals

Leibniz Institute for Baltic Sea Research; Warnemünde, Germany 2018 – 2020
DAAD Research Fellow
- Measured possible tourism growth given coastal water clarity improvements
- Found tourism rise could equate to additional 500,000€/year in local spending
- Analyzed cost-effectiveness of using mussels to remediate water impairments

Resources For The Future; Washington, DC 2018
Research Assistant

– Identified gaps in air quality monitoring by comparing ground and satellite data
– Wrote Python code to collate, analyze, and visualize data; Git to collaborate
– Between 2016-2017, poor monitoring lead to 5,652 preventable deaths

The Research Foundation for SUNY; Stony Brook, NY 2015 – 2017
Graduate Researcher
– Ran hedonic analysis of coastal water quality and Long Island real estate
– Modeled data using spatial regression; evaluated policy implications
– Rise in home values could offset 80% of water quality improvement costs

Conservation International; Arlington, VA Summer 2017
Social Impacts of Marine Protected Areas Intern
– Documented the impacts of Marine Protected Areas on coastal populations
– Examined large spatial datasets to assess socioeconomic changes over time
– Studied quasi-experimental methods to establish causal relationships

Proxy Mosaic LLC; New York, NY 2015
Financial Research Associate
– Reviewed executive compensation and drafted reports
– Analyzed whether company performance justified compensation
– Collected data through EDGAR, Bloomberg Terminal, and Thomson Reuters

Marist College Economics Department; Poughkeepsie, NY 2013 – 2014
Undergraduate Researcher
– Studied the rationale behind the Tragedy of the Commons
– Used behavioral economic theory to explain overuse of resources
– Authored research paper and presented findings to faculty and students

Office of the Mayor; Village of Wappingers Falls, NY 2012 – 2013
Economics and Environmental Policy Intern
– Developed cost/benefit analysis for Wappingers Lake remediation
– Proposed artificial wetland to Town Board; approved by Mayor Matt Alexander
– Worked with grant writer to obtain funding; awarded Green Innovation Grant

Teaching

Truth, Evidence, and Public Policy Analytics; University of Washington Fall 2026
Teaching Assistant (Crystal Hall)

Summer Institute in Computational Social Science; University of Washington Summer 2026
Teaching Assistant

Methods of Policy Inquiry; University of Washington Summer 2026
Teaching Assistant (Isaac Sederbaum)

Quantitative Analysis II; University of Washington Spring 2026
Teaching Assistant (Luis Navarro)

Calculus A; Stony Brook University Fall 2021
Teaching Assistant (Debra Wertz)

Environmental Economics; Rostock University (Germany) December 2018
Guest Lecturer (2x)

Entomology; National Museum of Natural History 2018
Lecturer & Public Engagement Volunteer

Marine Science & Conservation; Eastport-South Manor High School May 2017
Guest Lecturer (1x)

General Chemistry; Stony Brook University Spring 2016
Teaching Assistant (Mohammad Akhtar)

Micro & Macroeconomics; Marist College 2013 – 2014
Tutor

Presentations & Workshops

Graduate Climate Conference; Eatonville, WA — Fall 2026

Midwest Political Science Association; Chicago, IL — Spring 2026

CSDE Lightning Talks; University of Washington — Fall 2025

Association for Public Policy Analysis & Management; Seattle, WA — Fall 2025
- *Organized panel: Developing Collaborative Environmental Policy Solutions in a Warming World*

CSDE 75th & Counting Anniversary; University of Washington — Spring 2025
- *2nd place poster contest*

Pacific Northwest Tribal Coding Group; Olympia, WA — Winter 2025

Climate Equity & Resilience Summer Institute; Seattle, WA — Summer 2024

Public Management Research Conference; Seattle, WA — Summer 2024

Public Administration Theory Network Conference; Camden, NJ — Summer 2024
- *PA Theory Network Fellow*

Public Management Research Conference; Utrecht, Netherlands — Summer 2023

Public Administration Theory Network Conference; Portland, OR — Summer 2023
- *PA Theory Network Fellow*

ORISE Ignite Talks Competition; Virtual — Summer 2022

Ecosystem Services in Coastal Waters Workshop; Stralsund, Germany — Fall 2019

BONUS MicroPoll Project Workshop; Klaipeda, Lithuania — Spring 2019

German Academic Exchange Conference; Hannover, Germany — Spring 2019

Littoral Coastal Conference; Leeuwarden, Netherlands — Fall 2018

Master's Seminar; Stony Brook University, NY — Winter 2017

Western Economic Association International Conference; San Diego, CA — Summer 2017

Long Island GIS User Conference; Stony Brook, NY — Fall 2016

Celebration of Research & Creative Activity; Marist College, NY — Spring 2014

Cornell Cooperative Extension; Millbrook, NY — Fall 2013

Dutchess County Town Hall; Poughkeepsie, NY — Spring 2013

Town Board and Lake Committee; Village of Wappingers Falls, NY — Spring 2013

Toastmasters International; Marist College, NY — 2012 – 2014

Publications & Completed Works

- **Mark Nepf**, Xinyuan Hao, Annie Xu, Sarah Desai, Nupur Gorkar, Jessica Godwin. "A Spatial Analysis of Parks in King County, Washington: Identifying Access Disparities through Isochrone-Based Cluster Analysis" *Case Studies in the Environment* (2026) 10 (1): 2881982.
- **Mark Nepf**. "Research Brief on Just Transition."*Special Reports: Climate Adaptation.* Ocean Nexus (2024). https://oceannexus.org/specialreports/research-brief-on-just-transition/
- **Mark Nepf**, Anthony Dvarskas, Patrick J. Walsh. "Economic Valuation for Coastal Water Infrastructure Planning: Analysis of the Housing Market and Nutrient Pollution in Suffolk County, NY." *Marine Resource Economics* (2022) 37:4.
- Anna-Lucia Buer, Marie Maar, **Mark Nepf**, Lukas Ritzenhofen, Sven Dahlke, René Friedland, Peter Krost, Florian Peine, Gerald Schernewski. "Potential and feasibility of Mytilus spp. farming along a salinity gradient." *Frontiers in Marine Science* 7 (2020): 371.
- **Mark Nepf**. "An Economic Insight into the Irrational World of Environmental Choice." Independent Research for Marist College Economics Department (2014).

Working Papers

- **Mark Nepf**, Yulan Kim, Grant Blume. "Collaborative Governance in Context: Natural Hazard Risk and the National Estuary Program."
- Yulan Kim, **Mark Nepf**, Grant Blume. "Knowledge Pluralism and Knowledge Equity: Rethinking Knowledge Integration in Collaborative Governance."
- **Mark Nepf**, Cory Struthers, Alison Cullen. "Does Priority Status Matter? Evidence from Wildfire Mitigation Funding in California."
- **Mark Nepf**. "Performing Recognition: A Methodological Approach to Environmental Justice."
- **Mark Nepf** & Grant Blume. "Disentangling the Underlying Assumptions of Environmental Justice: Implications for Public Administration Research & Theory."
- Karen Sullivan, Taylor Lange, **Mark Nepf**, Achyut Kafle, Jacqueline Waite. "The Value of Greenspace Reuse at Remediated Brownfields: Applying a Benefits Transfer using a Meta-Analysis of Hedonic Studies."

Volunteer Work

Tribal Exchange Network; Virtual	2024 – Present
Birds Connect Seattle; Seattle, WA	2022 – Present
Four Harbors Audubon Society; Brookhaven, NY	2021 – 2022
Atlantic Marine Conservation Society; Long Island, NY	2021 – 2022
WAC Lighting Science Fair; Great Neck South High School, NY	Spring 2017, 2021, 2022
Greenpeace; Rostock, Germany	2018 – 2020
Smithsonian National Museum of Natural History; Washington, DC	2018
Stony Brook University EcoLeaders; Stony Brook University	Fall 2017
LGBT Network; Bay Shore, NY	2017 – 2018
Coastal Stewards of Long Island; Mount Sinai, NY	2017 – 2018
Sprout by Design; Bronx, NY	2014 – 2015
The Beacon Institute for Rivers & Estuaries; Beacon, NY	Summer 2014
Flax Pond Research Institute; Old Field, NY	Summer 2013
Cornell Cooperative Extension (GIS Division); Millbrook, NY	2012 – 2013
Students Encouraging Environmental Dedication; Marist College	2010 – 2014

Skills

Computer: R, ArcGIS, Python, Stata, ATLAS.ti, LaTeX, SQL, Git, Sourcetree, Zotero, Excel

Language: Conversational German (B2.2)

Interests

Birding, Penny Collecting, Cycling, Reality TV (guilty pleasure)

Personal Project: "Donating my Body to (Data) Science"

References

Cory Struthers
- Assistant Professor
- Evans School of Public Policy & Governance
- PhD adviser

Grant Blume
- Associate Teaching Professor
- Evans School of Public Policy & Governance
- Ocean Nexus supervisor

Anthony Dvarskas
- Regional Adviser
- Environment Statistics at United Nations
- MS adviser

Karen Sullivan
- Economist
- U.S. Environmental Protection Agency
- ORISE research fellowship supervisor