

MICHAEL J. WEIR

Marine Policy Center MS #41
Woods Hole Oceanographic Institution
Woods Hole, MA 02543-1050

Phone: (508) 289-2895
mweir@whoi.edu

EDUCATION

- Ph. D. Environmental and Natural Resource Economics 2019
University of Rhode Island, College of Environmental and Life Sciences, Kingston, RI
Dissertation title: Health Information Campaigns and Genetically Modified Food Labels in the Seafood Market
- M.S. Environmental and Natural Resource Economics 2016
University of Rhode Island, College of Environmental and Life Sciences, Kingston, RI
- B.A. Economics, minor in Mathematics 2014
Lebanon Valley College, Department of Business and Economics, Annville, PA

RESEARCH EXPERIENCE

- Research Specialist**, Marine Policy Center, Woods Hole Oceanographic Institution 2022- present
- Postdoctoral Investigator**, Marine Policy Center, Woods Hole Oceanographic Institution 2021- 2022
- Postdoctoral Scholar**, Environmental Market Solutions Lab, University of California, Santa Barbara 2020 – 2021
- Postdoctoral Fellow**, Environmental and Natural Resource Economics, University of Rhode Island 2019 - 2020
- Research Assistant**, University of Rhode Island, Environmental and Natural Resource Economics 2015 - 2019
- Research Assistant**, University of Rhode Island, College of Business 2017 – 2019
- Field Technician**, Atlantic Coastal Cooperative Statistics Program 2017

RESEARCH AND PUBLICATIONS

Primary Research Areas: natural resource valuation, ocean and coastal resource management

Peer-reviewed publications

- Weir, Michael J.**, Callan Yanoff, Di Jin, and Tracey Dalton. 2026. “Understanding public perceptions associated with aquaculture development and farm design in Southern New England” *Marine Policy* 187 (May): 107050.
<https://doi.org/10.1016/j.marpol.2026.107050>.
- Weir, Michael J.**, Maya Lozinsky, and Di Jin. 2025. “Assessing public support for commercial fishing in the ocean twilight zone considering climate trade-offs and ocean literacy.” *Frontiers in Marine Science* 12.
<https://doi.org/10.3389/fmars.2025.1420203>
- Di Jin, Melina Kourantidou, **Michael J. Weir**, and Isabella Horstmann. 2024. “Assessing the value of harmful algal bloom forecasts in the Pacific Northwest.” *ICES Journal of Marine Science*, fsae126,
<https://doi.org/10.1093/icesjms/fsae126>
- Lang, Corey, Casey J. Wichman, **Michael J. Weir**, and Shanna Pearson-Merkowitz. 2024. “Cost Misperception and Voting for Public Goods.” *American Journal of Agricultural Economics* 1–25. <https://doi.org/10.1111/ajae.12492>
- Mazzocco, Vivianne, Hirotugu Uchida, David Bidwell, and **Michael J. Weir**. 2024. “Risky Business: Can Oyster Farmers Defend Themselves Against Foodborne Illness related Demand Shocks?” *Marine Resource Economics* 39 (1). <https://doi.org/10.1086/727496>
- Weir, Michael J.**, Melina Kourantidou, and Di Jin. 2022. “Economic Impacts of Harmful Algal Blooms on Fishery Dependent Communities” *Harmful Algae* 118. <https://doi.org/10.1016/j.hal.2022.102321>

- Weir, Michael J.**, Hirotugu Uchida, and Maya Vadiveloo. 2021. “Quantifying the Effect of Market Information on Demand for Genetically Modified Seafood.” *Aquaculture Economics and Management* 25(1) <https://doi.org/10.1080/13657305.2020.1803447>.
- Lang, Corey, **Michael J. Weir**, Shanna Pearson-Merkowitz. 2021 “Status Quo Bias and Public Policy: Evidence in the Context of Carbon Mitigation.” *Environmental Research Letters*. <https://doi.org/10.1088/1748-9326/abeb0>.
- Halpern, Benjamin S., Jason Maier, Heather J. Lahr, Gordon Blasco, Christopher Costello, Richard S. Cottrell, Olivier Deschenes, Danielle M. Ferraro, Halley E. Froehlich, Gavin G. McDonald, Katherine D. Millage, **Michael J. Weir**. 2021. “The long and narrow path for novel cell-based seafood to reduce fishing pressure for marine ecosystem recovery.” *Fish and Fisheries*. <https://doi.org/10.1111/faf.12541>.
- Dalton, Tracey, **Michael J. Weir**, Aislyne Calianos, Nelle D'Aversa, Julia Livermore. 2020. “Recreational boaters’ preferences for boating trips associated with offshore wind farms in US waters.” *Marine Policy* 122. <https://doi.org/10.1016/j.marpol.2020.104216>.
- Weir, Michael J.**, Catherine M. Ashcraft, Natallia Leuchanka Diessner, Emily Vogler, Bridie McGreavy, and Todd Guilfoos. 2020. “Language Effects on Bargaining.” *PLoS ONE* 15(3): e0229501. <https://dx.plos.org/10.1371/journal.pone.0229501>. *Featured on PLoS ONE homepage, March 2020*
- Weir, Michael J.**, and Thomas W. Sproul. 2019. “Identifying Drivers of Genetically Modified Seafood Demand: Evidence from a Choice Experiment.” *Sustainability* 11 (14): 3934. <https://doi.org/10.3390/su11143934>.
- Other research-related publications*
- Bastian, Liliana, Sara Nawaz, Romany Webb, Rob Bellamy, Amanda Borth, Neil Craik, Harry Hilser, Jan McDonala, Alexander Proelss, Eric Wade, **Michael J. Weir**. April 2025. “Guiding Recommendations on Collaborative Research Governance, Community Engagement, and Social Science for ExOIS: A Focus on the First 12 months of Field Trial Planning” <https://oceaniron.org/our-plan/#SSG>
- Popular Press publications*
- Rheault, Robert, **Michael J. Weir**, Azure Giroux, and Jason Walsh. (2017, April). “Miss Virginica 2017: The Most Beautiful Oyster Competition.” *East Coast Shellfish Grower’s Association*
- Reports*
- Kite-Powell, Hauke, Di Jin, and **Michael J. Weir**. 2024. “Fisheries Exposure in Massachusetts from the SouthCoast Wind Lease Area and the SouthCoast Export Cable Routes.” Marine Policy Center, Woods Hole Oceanographic Institution, Woods Hole, MA.
- Kite-Powell, Hauke, Di Jin, and **Michael J. Weir**. 2023. “Fisheries Baseline Analysis for Massachusetts from the SouthCoast Wind Lease Area and Export Cable Routes.” Marine Policy Center, Woods Hole Oceanographic Institution, Woods Hole, MA.
- Kite-Powell, Hauke, Di Jin, and **Michael J. Weir**. 2023. “Fisheries Baseline Analysis for Rhode Island for the SouthCoast Wind Brayton Point Export Cable Route and Rhode Island GLDs.” Marine Policy Center, Woods Hole Oceanographic Institution, Woods Hole, MA.
- Kite-Powell, Hauke, Di Jin, and **Michael J. Weir**. 2023. “Fisheries Exposure Analysis for Rhode Island for the SouthCoast Wind Brayton Point Export Cable Route and Rhode Island GLDs.” Marine Policy Center, Woods Hole Oceanographic Institution, Woods Hole, MA.
- Kite-Powell, Hauke, Di Jin, and **Michael J. Weir**. 2023. “Rhode Island Fisheries Exposure from the Sunrise Wind Lease Area and the Sunrise Export Cable Route.” Marine Policy Center, Woods Hole Oceanographic Institution, Woods Hole, MA. 34 pages

Kite-Powell, Hauke, Di Jin, and **Michael J. Weir**. 2022. “Fishery Impacts in RI State Waters from Revolution Wind.” Marine Policy Center, Woods Hole Oceanographic Institution, Woods Hole, MA. 31 pages.

Kite-Powell, Hauke, Di Jin, and **Michael J. Weir**. 2022. “Baseline Fishery Landings in Rhode Island from the Sunrise Wind Lease Area and Export Cable Route.” Marine Policy Center, Woods Hole Oceanographic Institution, Woods Hole, MA. 21 pages

Sproul, Thomas W., Andrew Bechard and **Michael J. Weir**. 2019. “The Economic Impact of the Roger Williams Park Zoo.” Department of Environmental & Natural Resource Economics, College of the Environment and Life Sciences, University of Rhode Island, Kingston, RI. 10 pages. <https://riepr.org/pdf/roger-williams-park-zoo-full-report.pdf>

Sproul, Thomas W., Andrew Bechard and **Michael J. Weir**. 2019. “The Economic Impact of Rhode Island Aquaculture.” Department of Environmental & Natural Resource Economics, College of the Environment and Life Sciences, University of Rhode Island, Kingston, RI. 1 page. <https://riepr.org/pdf/ri-aquaculture-2019.pdf>

FUNDING AWARDED

2025- *Interdisciplinary Award (WHOI Internal)*, “Chasing the Sun: Advancing the Adoption Potential of Floating Photovoltaics,” Funding awarded: \$99,125

2024- *Woods Hole Sea Grant Biennial Competition*, “Enhancing Coastal Community Climate Resilience through Flood Insurance and Other Climate Adaptation Measures,” Funding awarded: \$200,000;

Equinor, “Fisheries Economic Exposure,” Funding Awarded: \$340,000;

NOAA NCCOS SEAHAB, “Assessing the Value of the SoundToxins Partnership,” Funding Awarded (WHOI Subaward): \$57,850

2023- *NOAA Saltonstall-Kennedy Competition*, “Development of sustainable lobster pot baits made from invasive carp and marine fish processing waste,” Funding awarded (WHOI subaward): \$100,000

SouthCoast Wind, “SouthCoast Wind Fisheries Impact Analysis,” Funding Awarded: \$233,000

2022- *Orsted/Hinckley Allen*, “Revolution Wind Fisheries Impact Analysis Phase III,” Funding Awarded: \$180,200

Orsted/Hinckley Allen, “Sunrise Wind Fisheries Impact Analysis Phase III,” Funding Awarded: \$159,120

2021- *Orsted/Hinckley Allen*, “Revolution Wind Fisheries Impact Analysis Phases I & II,” Funding Awarded: \$148,276

Orsted/Hinckley Allen, “Sunrise Wind Fisheries Impact Analysis I & II,” Funding Awarded: \$104,400

TEACHING AND MENTORING EXPERIENCE

Lead Instructor: Topics in Biological Oceanography: Marine Policy and Ocean Management, Water Resource Economics, Economics of Natural Resource Management and Policy

Teaching Assistant: Wildlife Biometrics, Introductory Statistics

Other Mentoring Roles: WHOI SSF Advisor (4 students), WHOI Guest Student Advisor (1 student), WHOI PEP Advisor (2 students)

CONFERENCE PRESENTATIONS

2024 Islands Coastal Conference (invited speaker)

2023	North American Association of Fisheries Economists Forum, WHOI Ocean Twilight Zone Symposium (invited speaker)
2022	U.S. Symposium on Harmful Algae, WHOI Postdoc Symposium
2021	NAAFE /NMFS Webinar Series, WHOI Postdoc Symposium
2020	Association of Environmental and Resource Economists Virtual Conference, USDA W4133
2019	Northeastern Agricultural and Resource Economics Association Annual Meeting, North American Association of Fisheries Economists Forum, American Association of Geographers Annual Meeting
2018	Northeastern Agricultural and Resource Economics Association Annual Meeting, URI Graduate Student Conference
2017	URI Graduate Student Conference, North American Association of Fisheries Economists Forum

SERVICE

Invited Participant , Environmental Defense Fund Mesopelagic Science to Action Workshop	2025
Member , WHOI ACECS	2025
Member , ExOIS Social Science and Governance Advisory Board	2024-2025
Member , Social Sciences Working Group for OAE Data Standards	2024-2025
Review Editor , Frontiers in Marine Science: Marine Affairs and Policy	2023 – present
Invited Panelist , WHOI Ocean Twilight Zone Symposium, “The Impact of Science: Public and Policy Outreach”	2023
Local Organizing Committee , 2023 North American Association of Fisheries Economists Forum	2022-2023
Sustainability Task Force , Woods Hole Oceanographic Institution	2021-present
Postdoctoral Association Representative , Woods Hole Oceanographic Institution	2021-2022
Invited Guest Lecturer , Department of Nutrition and Food Sciences, University of Rhode Island	2018 – 2020
Peer reviews	
<i>Journals</i> : Frontiers in Marine Science, Aquaculture Economics and Management, Fisheries Research, Food Policy, Sustainability, Nutrients	
<i>Grants</i> : European Commission, Graduate Women in Science National Fellowship Program, National Fund for Scientific and Technological Development (Chilean Research Council)	