

Carolyn J. Hall
CURRICULUM VITAE: MARINE ECOLOGY

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Education:

- 2009 **Stony Brook University, School of Marine and Atmospheric Sciences**
M.S. Marine Science
Advisor: Dr. Michael G. Frisk
Area of Study: Historical Ecology of Fisheries and Waterways
- 1991 **Oberlin College**
B.A. Biology (major) and Dance (minor)

Professional Experience:

- April 2018 – Present **Works on Water: Core Member and Resident Historical Marine Ecologist**
Co-facilitator of interdisciplinary communication workshop, the Power of Ten (2017, 2018); Governors Island residency coordinator (2020); art-science resident: Through a Fish Eye Lens, the history of NYC and its fish and fisheries (2019), and Sunk Shore, an experiential shoreline tour to the future about climate change with Clarinda Mac Low (2018); Walking the Edge, a public shoreline awareness project, contributor (Sunk Shore) and co-organizer in partnership with the New York City Department of City Planning and Culture Push (2020).
- Nov 2013 – Present **Author Paul Greenberg: Fact Checker and Research Assistant**
Fact checked *American Catch* (June 2014). Assisted with *American Catch* workshops on local and sustainable seafood and fisheries across US. Researched and fact checked *The Omega Principle* (June 2018). Researched and fact checked *The Climate Diet*, to be published April 2021.
- April 2012 – Present **Guest Lecturer: Historical Marine Ecology & Embodying Climate Data**
Queens College 2012; Hunter College 2015 & 2016; Lehman College 2016; New York University 2019 & 2020; also Ridgewood Elementary Schools, Hudson River Foundation.
- October 2015 – June 2020 **Alan Alda Center for Communicating Science: Certified Instructor/Lecturer**
“Distilling Your Message” course lecturer for science and medical graduate students and post-doctorates at Stony Brook University. Instructor for workshops at academic institutions, national laboratories, and other science-based institutions across the U.S.
- Nov 2012 – Nov 2015 **University of Massachusetts, Amherst: Consultant and Researcher**
Historical research on New England and Mid-Atlantic forage fish populations and fisheries funded by Pew Charitable Trust Lenfest Ocean Program grant awarded to Assistant Professor Adrian Jordaan. Graduate student advising and mentoring. Journal article editing and revising.
- July 2011 – July 2015 **Wildlife Conservation Society: Contract Independent Researcher**
New York City historical fish and fisheries research for New York Seascapes Program: archival and current data collection, GIS formatting, co-design of public display/interactive information, analysis, talks, and writings.

Sept 2010 - **Environmental Defense Fund: Contract Independent Researcher**
Nov 2011 Co-design, coordination, and analysis of river herring stakeholder survey of New England government, non-profit, academic, and business organizations.

June 2010 - **Trout Unlimited: Contract Independent Researcher**
Nov 2011 U.S. Atlantic coast historical and current diadromous species distribution research; archival and current data collection, GIS formatting, analysis, and report.

Publications:

2020 Wheelan, G, DM Day, JM Casselman, L Gephart, CJ Hall, J Lichatowich, M Matylewich, N Mercado-Silva, L Miranda, L Roulson, PD Shirey, J Waldman, D Winters. Tracking fisheries through time: the American Fisheries Society as a historical lens. *Fisheries* 45(8); doi: 10.1002/fsh.10457.

2017 Mattocks, S, CJ Hall, A Jordaan. Damming, lost connectivity, and the historical role of anadromous fish in freshwater ecosystem dynamics. *BioScience* 67(8):713-728.

2017 Hall, CJ. "Fisheries and the Absent Referent"
Essay featured in the Culture Push publication Push/Pull Issue #5.

2017 Alexander, KE, WB Leavenworth, TV Willis, CJ Hall, S Mattocks, SM Bittner, E Klein, M Staudinger, A Bryan, J Rosset, BH Carr, A Jordaan. Tambora and the mackerel year: phenology and fisheries during an extreme climate event. *Science Advances* 2017;3: e1601635.

2015 Hall, CJ. "A Brief History of the Fish on Our Plate"
Article in *Fish Stories Community Cookbook* published by the Oyster City Project for Paths to Pier 42 and the Lower Manhattan Cultural Council Process Space Program.

2012 Dauwalter, DC, CJ Hall, JE Williams. Assessment of Atlantic Coast watersheds for river herring and diadromous fish conservation. Trout Unlimited final report to National Fish and Wildlife Foundation. Trout Unlimited, Arlington, Virginia.

2012 Hall, CJ, A Jordaan, MG Frisk. Centuries of anadromous forage fish loss: consequences for ecosystem connectivity and productivity. *BioScience* 62(8):723-731.

2011 Hall, CJ, A Jordaan, MG Frisk. The historical influence of dams on diadromous fish habitat with a focus on river herring and hydrologic longitudinal connectivity. *Landscape Ecology* 26(1):95-107.

Conference Participation:

2020 **American Fisheries Society**, 150-year anniversary virtual conference
September 14-25 Co-led three Media Interview science communication workshops with Marcy McGinnis, contributed to the World Aquatic Societies Climate Statement, co-author of "Best Practices for Communicating Climate Science for Fisheries Professionals."

2019 **American Association of Geographers**, Washington, D.C.
April 3-7 Workshop "Liminal Embodiment" with Eve Mosher and Clarinda Mac Low. On-site experiential exploration of the Rock Creek watershed, data investigation, and ecotones.

- 2014
August 17-21 **American Fisheries Society**, Quebec City, Quebec
River Herring Technical Expert Working Group (TEWG) meeting: Discussions about river herring research and conservation approaches.
- 2012
January 31 **University of New Hampshire**, Durham, NH
River Herring Workshop: Sharing of ideas and data concerning new stock assessment and potential threatened or endangered species status.
- 2010
May 12-15 **North American Society for Oceanic History**, Avery Point, CT
Panel Participation and Oral Presentation: Damming of Maine watersheds and the consequences on coastal ecosystems with a focus on the anadromous river herring: a four century analysis.
- 2009
November 1-5 **Coastal and Estuarine Research Federation**, Portland, OR
Oral Presentation: Dam construction on Maine river systems and the consequences for river herring: an historical ecology perspective.
- 2009
July 22-24 **Diadromous Species Restoration Research Network Science Meeting (DSRRN)**, Orono, ME

Other positions of note:

- 2019-Present **American Fisheries Society: Climate Change Communications Liaison**
Member of the Committee on Climate Change.
- 2018-Present **Culture Push: Board Member**
Culture Push is a community-focused organization that creates programs to nurture and mentor artists/activists who are confronting societal issues through hands-on civic participation and imaginative problem solving.
- 2011-Present **Interdisciplinary Laboratory for Art, Nature & Dance (iLAND): Board Member and Project Mentor**
Research organization for creating and mentoring projects that combine ecological research, art, and movement exploration in urban, suburban, and wild ecosystems.
Co-compiler/editor of and contributor to *A Field Guide to iLANDing* (Brooklyn: 53rd State Press, 2017).