

Bridging human dimensions research and practice to address water quality concerns in the Great Bay watershed - Literature & Resource Inventory

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Contact Lindsey.Williams@unh.edu with questions, suggestions, additions. Thank you!

Type of Resource	Project/Paper Title	Year	Project Lead	Paper/Resource Link
Carsey Brief	Majority in NH Feel Summers Are Warmer Than They Used to Be, Human-Caused Climate Change Happening Now	2023	UNH Survey Center	https://scholars.unh.edu/survey_center_polls/757/
Carsey Brief	Modest Population Gains, but Growing Diversity in New Hampshire with Children in the Vanguard	2021	Johnson, K	https://carsey.unh.edu/publication/modest-population-gains-growing-diversity-new-hampshire-children-vanguard
Carsey Brief	Public Support for Environmental Protection	2017	Hamilton, Lawrence	https://dx.doi.org/10.34051/p/2020.284
Carsey Brief	Quality of Life High in Granite State But More Than Half of Young People Considering Leaving	2021	UNH Survey Center	http://scholars.unh.edu/survey_center_polls/666
Carsey Brief	Retaining Residents Is Important to New Hampshire's Future: Why Do People Stay?	2023	Bundsschuh, K	https://dx.doi.org/10.34051/p/2023.12
Carsey Brief	Why People Move to and Stay in New Hampshire	2020	Johnson, Kenneth	https://scholars.unh.edu/carsey/410/
Data sets	Census Quick Facts	ongoing	US Census	https://www.census.gov/quickfacts/fact/table/NH,US/PST045222
Data sets	Climate Change in the American Mind	ongoing	Yale Program on Climate Change Communication	https://climatecommunication.yale.edu/about/projects/climate-change-in-the-american-mind/
Data sets	Coastal County SnapShots	ongoing	NOAA Office for Coastal Management	https://coast.noaa.gov/digitalcoast/tools/snapshots.html
Data sets	Communities for Healthy Aging Transitions	ongoing	Strafford Regional Planning Commission	https://strafford.org/uploads/documents/plans/rpc/Report_20230711_CHATFINAL.pdf
Data sets	NH Coastal Viewer	ongoing		https://nhcoastalviewer.unh.edu/
Data sets	NOAA Fisheries Social Indicators	ongoing	NOAA Fisheries Office of Science and Technology	https://www.fisheries.noaa.gov/national/socioeconomics/social-indicators-publications
Data sets	Northeast Ocean Data Portal	ongoing	Northeast Ocean Data Portal	https://www.northeastoceandata.org/
Data sets	Public Perceptions of Water Issues	2017	Safford, T	http://ddc-public-perception.sr.unh.edu/about/project_description/
Data sets	Rockingham Planning Commission	ongoing	Rockingham Planning Commission	https://www.therpc.org/maps-and-data/data
Data sets	Strafford Regional Planning Commission	ongoing	Strafford Regional Planning	https://strafford.org/measure/

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Dataset	Great Bay Estuary Resident Views of Water Quality Issues	2023	FM3 Research	https://tnc.app.box.com/s/meynlrl1gu55d432spbyp9p7woll313f
Dissertation	Coastal Conflicts and Cross-Sectoral Engagement: Learning from Disputes Over Science in Coastal and Ocean Systems	2020	Williams, L	https://scholars.unh.edu/dissertation/2495
Dissertation	Community Decisions about Innovations in Water Resource Management and Protection	2018	Houle, J	http://scholars.unh.edu/dissertation/2236
Dissertation	Seeing and Believing: The Emergent Nature of Extreme Weather Perceptions	2015	Cutler, M	https://scholars.unh.edu/dissertation/2178/
Dissertation	Social science and social capital in the Lamprey River Watershed: A resident survey for community and environmental planning and predicting support for innovative land use	2010	Robertson, Mary	https://scholars.unh.edu/dissertation/606/
Dissertation	Sociocultural Dimensions of Environmental Stewardship in New Hampshire: Implications for Adult Environmental Education	2022	Hanley, Ian Patrick	https://scholars.unh.edu/dissertation/2674/
In-Progress Research	Beliefs about water policies by residents in the Seacoast region of New Hampshire	in progress	Swim, Janet	In-Progress Research - https://docs.google.com/presentation/d/1DfQX2L5Kb_mM_ydWNBtm_kiinmdAmWot/edit#slide=id.p1
Mapper	Climate and Economic Justice Screening Tool	2024	White House Council on Environmental Quality	https://screening-tools.com/climate-economic-justice-screening-tool
Mapper	EJScreen	2023	US EPA	https://screening-tools.com/epa-ejscreen
Peer Reviewed Paper	Building scenarios for ecosystem services tools: Developing a methodology for efficient engagement with expert stakeholders	2016	Berg, C	https://www.sciencedirect.com/science/article/pii/S0016328715001639
Peer Reviewed Paper	Changing Homeowners' Lawn Care Behavior to Reduce Nutrient Runoff	2015	Eisenhauer, Brian	http://dx.doi.org/10.1080/08941920.2015.1062946
Peer Reviewed Paper	Coastal Recreation in Southern New England: Results from a Regional Survey	2022	Mazzotta, M	https://cbe.mis.edu/joce/vol9/iss1/1/
Peer Reviewed Paper	Considerations for using alternative technologies in nutrient management on Cape Cod: Beyond cost and performance	2022	Mulvaney, K	https://onlinelibrary.wiley.com/doi/full/10.1111/1752-1688.13079
Peer Reviewed Paper	Cultivating commitment: how cultural ecosystem services affect visitor loyalty attitudes and intention-to-return in parks and protected areas	2023	Ferguson, Michael	https://www.tandfonline.com/doi/full/10.1080/26395916.2023.2297560

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Peer Reviewed Paper	Evaluating water quality impacts on visitation to coastal recreation areas using data derived from cell phone locations	2022	Furey, R	https://doi.org/10.1371/journal.pone.0263649
Peer Reviewed Paper	Examining the ecosystem service of nutrient removal in a coastal watershed	2016	Berg, C	https://www.sciencedirect.com/science/article/pii/S2212041616301334
Peer Reviewed Paper	Facilitating use of climate information for adaptation actions in small coastal communities	2021	Levesque, V	Facilitating use of climate information for adaptation actions in small coastal communities Elementa: Science of the Anthropocene University of California Press
Peer Reviewed Paper	Factors in homeowners' willingness to adopt nitrogen-reducing innovative/alternative septic systems	2023	Rudman, A	https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2023.1069599/full
Peer Reviewed Paper	I'll be dammed! Public preferences regarding dam removal in New Hampshire	2020	Diessner, N	https://online.ucpress.edu/elementa/article/8/1/003/114206/I-II-be-dammed-Public-preferences-regarding-dam
Peer Reviewed Paper	Understanding stakeholder preferences for flood adaptation alternatives with natural capital implications	2016	Loos, Jonathan	https://www.ecologyandsociety.org/vol21/iss3/art32/
Presentation	Marketing Water Quality Friendly Services	2023	Peterson, J	https://scholars.unh.edu/extension/1646/
Report	Buffer Options for the Bay: Exploring the Trends, the Science, and the Options of Buffer Management in the Great Bay Watershed Key Findings from Available Literature	2017	Flanagan, S	https://scholars.unh.edu/prep/380/
Report	Civic Health Index	2020	Quixada Moore-Vissing, Ph.D.	https://scholars.unh.edu/cgi/viewcontent.cgi?article=1427&context=carsey
Report	How People Benefit from New Hampshire's Great Bay Estuary	2016	NOAA Office for Coastal Management	https://coast.noaa.gov/data/digitalcoast/pdf/great-bay-report.pdf
Report	Local Civic Health: A Guide to Building Community and Bridging Divides	2023	Moore-Vissing, Q	https://scholars.unh.edu/carsey/459/
Report	Maine & New Hampshire Coastal Resident Survey	2016	Noblet, Caroline	http://ddc-coastal-residents.sr.unh.edu/about/executive-summary/
Report	New Floodplain Maps for a Coastal New Hampshire Watershed and Questions of Legal Authority, Measures and Consequences	2012	VT Law School land use clinic	https://lamprey100flood.sr.unh.edu/resources/pdf/2012_VermontLawSchool_LampreyRiver.pdf

Type of Resource	Project/Paper Title	Year	Project Lead	Paper/Resource Link
Report	New Hampshire's Citizens Value and Use Water in Many Ways	2013	Rogers, Shannon	https://campus.plymouth.edu/cfe/wp-content/uploads/sites/127/2013/01/Water-Survey-Report-March-2014.pdf
Report	Pathways to Play / Promoting Outdoor Play	2022	Strafford Regional Planning Commission	https://strafford.org/uploads/documents/plans/rpc/pathwaystoplay_regionalgismapingreport_2020.pdf
Report	Strengthening Connections: Downtowns & Trails - Hopkinton-Contoocook	2023	Rogers, S	https://extension.unh.edu/resource/strengthening-connections-downtowns-trails-hopkinton-contoocook-2023
Report	Sustaining Champions of Climate Adaptation in Coastal Communities: A Northern New England Study	2014	Phillip, Alexandra	https://seagrant.unh.edu/sites/default/files/media/2021-07/climate-champions-2014.pdf
Report	The Social Indicator Project: integrating social science into ecosystem management for New Hampshire's estuaries	2017	Barley-Greenfield, Simone	https://scholars.unh.edu/cgi/viewcontent.cgi?article=1410&context=prep
Survey Instrument	Assessing Homeowner Risk and Knowledge in Mitigating Nonpoint Source Pollution in Coastal Watersheds	2006	Robertson, M	https://scholars.unh.edu/nh_wrrc_scholarship/74
Thesis	Access to Nature in New Hampshire: Equity and Quality of Life	2023	Crytzer, C	https://scholars.unh.edu/thesis/1700/
Thesis	Characteristics that Influence Valuation of Ecosystem Services and Environmental Worldview in the Great Bay Watershed	2018	El-Naboulsi, N	https://www.proquest.com/docview/2158865500?%20Theses&sourcetype=Dissertations%20
Thesis	Collaborating for Coastal Resilience: Stakeholder Assessment and Perception of Interdependence in Seabrook, NH	2017	Bialowas, E	https://scholars.unh.edu/thesis/1128/
Thesis	Cultivating Commitment: How Cultural Ecosystem Services Affect Visitor Loyalty in Parks and Protected Areas	2023	Robinson, Thomas	https://scholars.unh.edu/thesis/1719
Thesis	Outreach and citizen engagement in the Winnicut River watershed: A participatory action study	2011	Farrell, Jill	https://scholars.unh.edu/thesis/668
Thesis	Preparing for climate change in three New England coastal communities: Lessons on motivations, approaches, and outcomes	2012	Keeley, Chris	https://scholars.unh.edu/thesis/757/
Thesis	U.S East Coast Community Resilience from a Community Capitals Perspective: Application of Indexing and Spatial Cluster Analysis	2021	Daigle, Taylor	https://scholars.unh.edu/thesis/1454/

Resources from this point on are general (not specific to NH or New England)

Type of Resource	Project/Paper Title	Year	Project Lead	Paper/Resource Link
Book	Why Good People Do Bad Environmental Things	2018	DeSombre, Elizabeth	https://academic.oup.com/book/11654
Book Chapter	Cognitive Mapping as Participatory Engagement in Social Science Research on Sustainability	2017	Guckian, M	https://link.springer.com/chapter/10.1007/978-3-319-67122-2_19
Book Chapter	Sense of Place and Water Quality: Applying Sense of Place Metrics to Better Understand Community Impacts of Changes in Water Quality	2020	Mulvaney, K	https://www.intechopen.com/chapters/71622
Carsey Brief	Conservative and Liberal Views of Science, Does Trust Depend on Topic?	2015	Hamilton, L	https://dx.doi.org/10.34051/p/2020.242
Carsey Brief	Do You Trust Scientists About the Environment? News Media Sources and Politics Affect New Hampshire Resident Views	2014	Hamilton, Lawrence	https://scholars.unh.edu/carsey/213/
Carsey Brief	Voting and Attitudes Along the Red Rural–Blue Urban Continuum	2020	Johnson, Kenneth	https://dx.doi.org/10.34051/p/2021.10
Peer Reviewed Paper	A new approach for studying social, behavioral, and environmental change through stakeholder engagement in water resource management	2023	Eaton, W	https://doi.org/10.1007/s13412-023-00835-8
Peer Reviewed Paper	A simplified approach to stakeholder engagement in natural resource management: the Five-Feature Framework	2016	Talley, J	https://www.ecologyandsociety.org/vol21/iss4/art38/
Peer Reviewed Paper	An assessment of the effectiveness of in-situ signage in multiple-use marine protected areas in providing information to different recreational users	2015	Martin, C	https://www.sciencedirect.com/science/article/pii/S0308597X15000512
Peer Reviewed Paper	Conservation social science: Understanding and integrating human dimensions to improve conservation	2017	Bennett, N	https://www.sciencedirect.com/science/article/pii/S0006320716305328?via%3Dihub
Peer Reviewed Paper	Context matters: The drivers of environmental concern in European regions	2023	Peisker, J	https://www.sciencedirect.com/science/article/pii/S095937802300002X?via%3Dihub
Peer Reviewed Paper	Early-Life Outdoor Experiences and an Individual's Environmental Attitudes	2011	Ewert, Alan	https://doi.org/10.1080/01490400590930853
Peer Reviewed Paper	Education, outreach, and inclusive engagement: Towards integrated indicators of successful program outcomes in participatory science	2013	Haywood, B	https://journals.sagepub.com/doi/10.1177/0963662513494560
Peer Reviewed Paper	Evaluating Collaborative Environmental Planning Outputs and Outcomes: Restoring and Protecting Habitat and the New York—New Jersey Harbor Estuary Program	2008	Mandarano, L	https://journals.sagepub.com/doi/10.1177/0739456X08315888

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Peer Reviewed Paper	Lessons from bright-spots for advancing knowledge exchange at the interface of marine science and policy	2022	Karcher, D	https://www.sciencedirect.com/science/article/pii/S0301479722005679
Peer Reviewed Paper	Messaging on Slow Impacts: Applying Lessons Learned from Climate Change Communication to Catalyze and Improve Marine Nutrient Communication	2021	Canfield, K	https://www.frontiersin.org/journals/environmental-science/articles/10.3389/fenvs.2021.619606/full
Peer Reviewed Paper	New Ecological Paradigm (NEP) Scale	2012	Anderson, M	https://umaine.edu/soe/wp-content/uploads/sites/199/2013/01/NewEcologicalParadigmNEPScale1.pdf
Peer Reviewed Paper	Positive Deviance in Theory and Practice: A Conceptual Review	2017	Herington, M	https://www.researchgate.net/publication/313834436_Positive_Deviance_in_Theory_and_Practice_A_Conceptual_Review
Peer Reviewed Paper	Predicting Intent to Install a Rain Garden to Protect a Local Lake: An Application of the Theory of Planned Behavior	2011	Shaw, Bret	https://open.clemson.edu/joe/vol49/iss4/7/
Peer Reviewed Paper	The Application and Usefulness of Economic Analyses for Water Quality Management in Coastal Areas	2017	Jewhurst, S	https://cbe.miis.edu/joce/vol4/iss1/7/
Peer Reviewed Paper	Why facts don't change minds: Insights from cognitive science for the improved communication of conservation research	2023	Toomey, A. H	https://doi.org/10.1016/J.BIOCON.2022.109886
Report	How to Quantify Coastal Recreation in an Estuary: Methods for estimating the number of participants and value of recreation for coastal access points	2020	Mazzotta, M	https://cfpub.epa.gov/si/si_public_record_Report.cfm?dirEntryId=351497&Lab=CEMM
Report	Lead with Listening: A Guidebook for Community Conversations on Climate Migration			https://www.clmigration.org/guidebook
Report	The Slow Dawn of Climate-Change Awareness, and Its Challenge for a Sustainable Planet	2021	Hamilton, Lawrence	https://scholars.unh.edu/carsey/428/