

Teresa R. Johnson, Ph.D.

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Associate Faculty, Margaret Chase Smith Policy Center
University of Maine, School of Marine Sciences
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Education:

Rutgers University, New Brunswick, NJ	Human Ecology	Post-Doc, 2007-08
Rutgers University, New Brunswick, NJ	Ecology and Evolution	Ph.D., 2007
University of Maine, Orono, ME	Marine Policy	M.S., 2001
Bowdoin College, Brunswick, ME	Biology and Government	A.B., 1997

Appointments:

- April 2019-present, Associate Faculty, Margaret Chase Smith Policy Center, University of Maine
Sept. 2014-present, Associate Professor of Marine Policy, University of Maine
Apr. 2015-present, Courtesy Appointment, Oregon State University, Marine Resources Management
Apr. 2015-2019, Cooperating Faculty, Margaret Chase Smith Policy Center, University of Maine
Jan. 2011-present, Cooperating Faculty, School of Policy and International Affairs, University of Maine
Sept. 2008-present, Cooperating Faculty, Department of Anthropology, University of Maine
Sept. 2008-2014, Assistant Professor of Marine Policy, University of Maine
Sept. 2007-2008, Postdoctoral Research Associate, Department of Human Ecology, Rutgers University

PEER REVIEWED PUBLICATIONS

***Graduate Students, Post-docs**

- **Johnson, T.R.**, Beard, K., Brady, D.C., Byron, C.J., **Cleaver, C.**, **Duffy, K.**, **Keeney, N.**, **Kimble, M.**, **Miller, M.**, Moeykens, S., Teisl, M., van Walsum, G.P., & Yuan, J. (2019). A social-ecological system framework for marine aquaculture research. *Sustainability*, 11, 2522; doi:10.3390/su11092522
- **Ovitz, K.L.** & **Johnson, T.R.** (2019). Seeking Sustainability: Employing Ostrom's SESF to explore spatial fit in Maine's sea urchin fishery. *International Journal of the Commons*.
- **Johnson, T.R.** & Hanes, S.P. (2019). Considering social carrying capacity in the context of sustainable ecological aquaculture. In Morrissey, J.E. and C.P. Heidkamp (eds.), *Towards Coastal Resilience and Sustainability*, Routledge.
- **Johnson, T.R.** & **Mazur, M.** (2018). A mixed method approach to understanding the graying of Maine's lobster fleet. *Bulletin of Marine Science*, 94(3):1185-1199.
- **Cleaver, C.**, **Johnson, T.R.**, Hanes, S.P., & **Pianka, K.** (2018). From fishers to farmers: Assessing aquaculture adoption in a training program for commercial fishers. *Bulletin of Marine Science*, 94(3):1215-1222.
- **Ebel, S.A.**, Beitl, C.M., **Runnebaum, J.**, Alden, R., & **Johnson, T.R.** (2018). The power of participation: Challenges and opportunities for facilitating trust in cooperative fisheries research in the Maine lobster fishery. *Marine Policy*, 90:47-54
- Brewer, J., Springuel, N., Wilson, J., Alden, R., Morse, D., Schmitt, C., Bartlett, C., **Johnson, T.**, Guenther, C., & Brady, D. (2017). Engagement in a public forum: Knowledge, action, and cosmopolitanism. *Antipode*, 49(2):273-293.
- **Thompson, C.**, **Johnson, T.R.**, Hanes, S.P. (2016). Vulnerability of fishing communities undergoing gentrification. *Journal of Rural Studies*, 45:165-174.
- **Levesque, V.**, Bell, K., Calhoun, A., & **Johnson, T.** (2016). Turning contention into collaboration: Engaging power, trust and learning in collaborative networks. *Society and Natural Resources*, 30(2):245-260.
- **Johnson, T.R.**, K. Athearn, S. **Randall**, M. Garland, K. Ross, K. Cline, C. Peterson, R. Alden, & C. Guenther. (2015). Profiles of sixteen eastern Maine fishing communities. Maine Agricultural and Forest Experiment Station Miscellaneous Report 446. (peer reviewed)
- Hart, D., Bell, K., Lindenfeld, L., **Johnson, T. R.**, Ranco, D. (2015). Strengthening the role of universities in addressing sustainability challenges: The Sustainability Solutions Initiative as an institutional experiment. *Ecology and Society*, 20(2):4. http://dx.doi.org/10.5751/ES-07283-200204
- **Henry, A.M.**, & **Johnson, T.R.** (2015). Understanding social resilience in the Maine lobster industry. *Marine and Coastal Fisheries*. 7(1):33-43.
- **Johnson, T.R.**, **Jansujwicz, J.**, & Zytlewski, G. (2015). Tidal power development in Maine: Stakeholder

- identification and perceptions of engagement. *Estuaries and Coasts*, 38(S1):266-278.
- Jansujwicz, J.S., & **Johnson, T.R.** (2015). Understanding and informing permitting decisions for tidal power development in Maine. *Estuaries and Coasts*, 38(S1):253-265.
- Teisl, M., McCoy, S., Marrinan, S., Noblet, C.L., **Johnson, T.**, Wibberly, M., Roper, R., & Klein, S. (2015). Will offshore energy face ‘fair winds and following seas’?: Understanding the factors influencing marine energy acceptance. *Estuaries and Coasts*, 38(S1):279-286.
- Stoll, J.S. & **Johnson, T.R.** (2014). Under the banner of sustainability: The politics and prose of an emerging US federal seafood certification. *Marine Policy*, 51:415-422.
- **Johnson, T.R.**, Henry, A., Thompson, C. (2014). Identifying qualitative indicators of social resilience in small-scale fishing communities: An emphasis on perceptions and practice. *Human Ecology Review*, 20(2):97-115
- Jansujwicz, J.S., **Johnson, T.R.** (2014). The Maine Tidal Power Initiative: Transdisciplinary sustainability science research for the responsible development of tidal power. *Sustainability Science*, doi: 10.1007/s11625-014-0263-7.
- Wilson, J., Acheson, J., & **Johnson, T.** (2013). The cost of useful knowledge and collective action in three fisheries. *Ecological Economics*, 96:165-172.
- **Johnson, T.R.**, Wilson, J.A., Cleaver, C., Morehead, G., & Vadas, R. (2013). Modeling fine scale urchin-kelp dynamics: Implications for fisheries management. *Fisheries Research*, 141:107-117.
- Gorczyca, E., Lyons, P., Leahy, J., **Johnson, T.**, & Straub, C. (2013). Improving family forest knowledge transfer through social network analysis. *Journal of Applied Environmental Education and Communication*, 11 (3-4):157-165.
- Wilson, J., Hill, J., Kersula, M., Wilson, C.L., Whitsel, L., Yan, L., Acheson, J., Chen, Y., Cleaver, C., Congdon, C., Hayden, A., Hayes, P., **Johnson, T.**, Morehead, G., Steneck, R.S., Turner, R., Vadas, R., & Wilson, C.J. (2012). Costly information and the evolution of self-organization in a small, complex economy. *Journal of Economic Behavior and Organization*, 90:S76-S93. doi:10.1016/j.jebo.2012.12.019
- **Johnson, T.R.**, & McCay, B.J. (2012). Trading expertise: The rise and demise of an industry/government committee on survey trawl design. *Maritime Studies*, 11:14. doi:10.1186/2212-9790-11-14
- **Johnson, T.R.**, Wilson, J.A., Cleaver, C., & Vadas, R. (2012). Social-ecological scale mismatches and the collapse of the Maine sea urchin fishery. *Ecology and Society*, 17 (2):15. doi:10.5751/ES-04767-170215
- **Johnson, T.**, & Zydlewski, G.B. (2012). Research for the sustainable development of tidal power in Maine. *Maine Policy Review*, 21 (1):58-64.
- Nenadovic, M., **Johnson, T.**, & Wilson, J. (2012). The process of implementing the Western Gulf of Maine area closure: The role and perception of fisher’s ecological knowledge. *Ecology and Society*, 17 (1):20. doi:10.5751/ES-04431-170120.
- Ramírez Sánchez, S., McCay, B.J., **Johnson, T.R.**, & Weisman, W. (2011). Surgimiento, formación, y persistencia de organizaciones sociales para la pesca ribereña de la península de Baja California: un enfoque antropológico. *Region y Sociedad*, 50 (51):71-99.
- **Johnson, T.R.** (2011). Fishermen, scientists, and boundary spanners: Cooperative research in the US *Illex* squid fishery. *Society and Natural Resources*, 24 (3):242–255.
- Murray, G., **Johnson, T.R.**, McCay, B.J., Danko, M., St. Martin, K., & Takahashi, S. (2010). Cumulative effects, creeping enclosure, and the marine commons of New Jersey. *International Journal of the Commons*, 4 (1):367-389.
- **Johnson, T.R.** (2010). Cooperative research and knowledge flow in the marine commons. *International Journal of the Commons*, 4 (1):251-272.
- **Johnson, T.R.** (2008). Book review: Fishers’ knowledge in fisheries science and management, *Fish and Fisheries*, 9 (1):118
- St. Martin, K., McCay, B., Murray, G., **Johnson, T.R.**, & Oles, B. (2007). Communities, knowledge, and fisheries of the future. *International Journal of Global Environmental Issues*, 7 (3): 221-239
- **Johnson, T.R.**, & van Densen, W.L.T. (2007). Benefits and organization of cooperative research. *ICES Journal of Marine Science*, 64 (4):862-840.

PUBLICATIONS (NOT REFEREED)

- **Johnson, T.R.**, and Hanes, S.P. (2018). Marine Aquaculture in Restructuring Regions: Understanding a Key Coastal Sustainability Transition. *Regions Magazine*, 308.
- Jansujwicz, J.S., and **Johnson, T.R.** Human dimensions research on marine hydrokinetic energy. In: Maine *Proceedings of the 2nd International Conference on Environmental Interactions of Marine Renewable*

Technologies (EIMR 2014) 28 April 02 May, Stornoway, Isle of Lewis, Outer Hebrides Scotland EIMR2014-259.

- Pastoors, M.A., Ulrich, C., Wilson, D.C., Röckmann, C., Goldsborough, D., Degnbol, D., Berner, L., **Johnson, T.**, Haapasaari, P., Dreyer, M., Bell, E., Borodzicz, E., Hauge, K.H., Howell, D., Mäntyniemi, S., Miller, D., Aps, R., Tserpes, G., Kuikka, S. & Casey, J. 2012. JAKFISH Policy Brief: Coping with uncertainty, complexity and ambiguity in fisheries management through participatory knowledge development. In: *ICES CM*. vol. L:16, International Council for the Exploration of the Sea (ICES), Copenhagen.
- Hayes, P.S., Wilson, J., Congdon, C.B., Yan, L., Hill, J., Acheson, J., Chen, Y., Cleaver, C., Hayden, A., **Johnson, T.**, Kersula, M., Morehead, G., & Steneck, R. 2011. A complex adaptive systems investigation of the social-ecological dynamics of three fisheries. Complex Adaptive Systems: Energy, Information and Intelligence: AAAI Fall Symposium Series, North America, Nov. 2011. Available at: <http://www.aaai.org/ocs/index.php/FSS/FSS11/paper/view/4195>. Date accessed: 01 Mar. 2012.
- McCay, B.J., **Johnson, T.R.**, St. Martin, K., & Wilson, D.C. (2006). “Gearing up for improved collaboration: The potentials and limits of cooperative research for incorporating fishermen’s knowledge.” Pages 111-115 in A. N. Read and T. W. Hartley, editors. *Partnerships for a Common Purpose: Cooperative Fisheries Research and Management*. American Fisheries Society, Bethesda, MD

COLLECTIONS

NOAA Voices from the Fisheries Oral History Collection, “Vulnerability in Maine Fishing Communities.” Archive of oral history interviews with Maine Fishermen, 2010-present.

SELECT TECHNICAL REPORTS

- **Johnson, T.R.** and Cleaver, C. (2017). *2016 Aquaculture in Shared Waters Training Course: Summary Report for Instructors*. Technical report, University of Maine: Orono, Maine.
- **Johnson, T.R.** and Belknap, C. (2015). *2015 Aquaculture in Shared Waters Training Course: Summary Report for Instructors*. Technical report, University of Maine: Orono, Maine. **Johnson, T.R.** and Pianka, C. (2015). *2013 Aquaculture in Shared Waters Training Course: Summary Report for Instructors*. Technical report, University of Maine: Orono, Maine.
- **Johnson, T.R.**, Henry, A., Thompson, C. (2014). In Their Own Words - Fishermen’s Perspectives of Community Resilience. Maine Sea Grant Research-in-Focus Report. Maine Sea Grant, Orono, ME.
- Peterson, M., Zydlowski, G., Xue, H., & **Johnson, T.R.** (2014). Maine Tidal Power Initiative: Environmental Impact Protocols for Tidal Power. University of Maine Office of Research and Sponsored Programs: Grant Reports, Available at: http://digitalcommons.library.umaine.edu/orsp_reports/1.
- Pastoors, M.A., Ulrich, C.M., Wilson, D.C., Röckmann, C., Goldsborough, D., Degnbol, D., Berner, L., **Johnson, T.**, Haapasaari, P., Dreyer, M., Bell, E., Borodzicz, E., Hiis Hauge, K., Howell, D., Mäntyniemi, S., Miller, D., Aps, R., Tserpes, G., Kuikka, S., & Casey, J. 2012. Final Report: Judgment and knowledge in fisheries involving stakeholders (JAKFISH). Report to the European Commission within the Seventh Framework Programme (2007-13). February 2012.

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

- Society for Applied Anthropology; International Association for the Study of the Commons, American Fisheries Society, Ecological Society for America

TEACHING AND MENTORING (UMaine)

- Recent courses taught:
 - SMS 230: Introduction to Marine Policy & Fisheries Management
 - SMS 552: Coupled Human and Natural Systems
 - SMS 567: Knowledge and Participation in the Science Policy Process
- Total post-doctoral research mentee: 1
- Total Ph.D. advisees: 3; served on additional 10 committees
- Total Master’s advisees: 14; served on additional 9 committees
- Total undergraduate research assistants: 19, 3 Honors students