

JOSHUA S. STOLL

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Fisheries Governance • Coastal Community Sustainability • Marine Policy • Social-Ecological Systems

UNIVERSITY OF MAINE, School of Marine Sciences
Ecology and Environmental Sciences Program | Advisor: James A. Wilson
Doctor of Philosophy, 2016

DUKE UNIVERSITY, Nicholas School of the Environment
Masters of Environmental Management, 2010
Certificate in Geographic Information Systems (GIS)

BATES COLLEGE, Department of Environmental Studies
Bachelor of Arts, 2005
Study abroad in Tanzania and New Zealand

PROFESSIONAL EXPERIENCE

2017 - present	Assistant Research Professor of Marine Policy, School of Marine Sciences, University of Maine; Cooperating Scientist, Maine Center for Coastal Fisheries
2017 (Jan – Apr)	Post-Doctoral Fellowship, Royal Swedish Academy of Sciences
Present – 2014	Founder, Georgetown Island Oyster Company
Present – 2011	Founder, LocalCatch.org
2016 – 2013	Research Assistant, School of Marine Sciences, University of Maine
2013 – 2012	Policy Analyst, Office of Policy, National Marine Fisheries Service
2012 – 2011	John A. Knauss Fellow, Office of Policy, National Marine Fisheries Service
2010 – 2008	Research Assistant, Nicholas School of the Environment, Duke University
2008 – 2007	Fisheries Research Technician, Columbia River Research Laboratory, U.S Geological Survey
2006 – 2006	Education and Outreach Assistant and Hatchery Technician, Columbia River Research Laboratory, U.S Geological Survey
2005 (Jun – Sep)	Research Technician, Tanzania Fisheries Research Institute
Multiple seasons	Sternman, commercial lobster vessels

SELECT FUNDING, AWARDS & HONORS

Northeast Fisheries Science Center, Do catch shares shape market entrepreneurship and diversification in New England? 2017 (\$92,000)
Big Ideas Competition, University of California Berkeley, *SeaTech*, 2017 (\$6,000)
Mitchell Center for Sustainability Solutions, University of Maine, *Nested Ecosystem-Based Fisheries Management*, 2017 (\$17,927)
Michael J. Eckardt Dissertation Fellowship, University of Maine, 2016 (\$20,000)

Concerned Citizens of Montauk, 2016 (\$37,000)
Outstanding student contribution to sustainability research, Mitchell Center for Sustainability Solutions, University of Maine, 2015 (non-monetary)
Research Reinvestment Fund, University of Maine, *A Changing Global Seafood Economy*, 2015 (\$4,985)
Robert and Patricia Switzer Foundation Fellowship, 2015 (\$15,000)
School of Marine Sciences' Graduate Student Symposium, Best student presentation, 2015 (non-monetary)
Green Lake Travel Grant, Department of Ecology and Environmental Sciences, University of Maine, 2015 (\$1,500)
Safina Foundation, *Building a Network of Direct Marketing Arrangements*, 2015 (\$2,000)
Food and Farm Communications Fund, *Building a Network of Direct Marketing Arrangements*, 2015 (\$6,000)
National Fish and Wildlife Foundation, *LocalCatch.org*, 2015 (\$44,442)
Institute for Coastal Research Fellowship, Vancouver Island University, 2015 (\$2,500)
National Socio-Ecological Synthesis Center (SESYNC), *Shifting Fish and Fishers*, 2014 (\$2,000)
Mitchell Center of Sustainability Solutions, University of Maine, *Institutions and Ecosystems in Eastern Maine*, 2014 (\$41,784)
National Fish and Wildlife Foundation, *A New Take of Working Waterfront in North Carolina*, 2013 (\$83,320)
John A. Knauss Policy Fellowship, 2011 (\$45,000)
Community Forestry and Environmental Research Partnerships Fellowship, University of California, Berkeley, 2010 (\$11,000)
Doris Duke Conservation Fellowship, 2009 (\$35,000)
North Carolina Sustainable Business Council Spark Award, 2009 (non-monetary)

PEER REVIEWED PUBLICATIONS

In review or accepted

Fuller, E., J. Samhour, **J. Stoll**, S. Levin, J. Watson. Characterizing Fisheries Connectivity in Marine Social-Ecological Systems. Accepted: *ICES Journal of Marine Science*
Stoll, J., B. Crona, M. Fabinyi. Seafood trade routes amplify teleconnected vulnerabilities in fisheries. Target Journal: *TBD*
Coleman, K., M. Provost, **J. Stoll**, SB. Jones, K. St. Martin, M. Pinsky. "Two worlds apart: a call for coupled social-ecological research in climate change science." Target Journal: *Fish & Fisheries*

Published

Stoll, J., E. Fuller, B. Crona. Uneven adaptive capacity among fishers in a sea of change. *PloS One*. 12 (2017): 1-13.
Stoll, J. Fishing for leadership: The role diversification plays in facilitating change agents. *Journal of Environmental Management* 199 (2017): 74-82.
Stoll, J. Transforming the Fisheries: Neoliberalism, Nature, and the Commons. Invited Book Review. *Social & Cultural Geography*. 18 (2017): 599-600.
Witter, A. and **J. Stoll**. Participation and resistance: alternative seafood marketing in a neoliberal era. *Marine Policy* (Special Issue). 80 (2017): 130-140.
Otto, S., S. Simon, **J. Stoll**, P. Lawson. Making progress on bycatch avoidance in the ocean salmon fishery using a transdisciplinary approach. *ICES Journal of Marine Science* (2016).
Stoll, J., C. Beitzl, and J. Wilson. How access to Maine's fisheries has changed over a quarter century: The cumulative effects of licensing on resilience. *Global Environmental Change* 37 (2016): 79-91.
Bolton, A., B. Dubik, **J. Stoll**, and X. Basurto. Describing the diversity of community supported fisheries

in North America. *Marine Policy* 66 (2016): 21-29.

Stoll, J., P. Pinto da Silva, J. Olson, and S. Benjamin. Expanding the geography of resilience in fisheries: Seafood distribution in the Atlantic herring and spiny dogfish fisheries in New England. *Ocean and Coastal Management* 116 (2015): 185-192.

Stoll, J., B. Dubik and L. Campbell. Local seafood: rethinking the direct marketing paradigm. *Ecology and Society*. 20.2 (2015): 40.

Stoll, J., and T. Johnson. Under the banner of sustainability: The politics and prose of an emerging US federal seafood certification. *Marine Policy* 51 (2015): 415-422.

Campbell, L. N. Boucquey, **J. Stoll**, H. Coppola, and M. Smith. From vegetable box to seafood cooler: applying the Community Supported Agriculture model to fisheries. *Society and Natural Resources* 27.1 (2014): 88-106.

Boucquey, N., L. Campbell, G. Cumming, Z. Meletis, C. Norwood, and **J. Stoll**. Interpreting amenities, envisioning the future: common ground and conflict in North Carolina's rural coastal communities. *GeoJournal*. 77.1 (2012): 83-101.

SELECT PRESENTATIONS (* Invited)

***Stoll, J.** Community supported fisheries in South Australia. Adelaide, Meningie, Port Wakefield, Port Lincoln, Port Adelaide (South Australia). Invited Workshops. June 2017.

Stoll, J., B. Crona, M. Fabinyi. "Global Trade Routes of Lobster (*Homarus spp.*).” International Conference and Workshop on Lobster Biology and Policy. Portland, Maine. June 2017.

* **Stoll, J.** "Local Seafood Marketing: An Alternative (to) Market Solution(s).” Invited Seminar. Dalhousie University. Halifax, Nova Scotia. November 2016.

Stoll, J., C. Beitzl, and J. Wilson. "How access to Maine's fisheries has changed over a quarter century: The cumulative effects of licensing on resilience.” Regional Association of Research in the Gulf of Maine (RARGOM) Conference. Portsmouth, New Hampshire. October 2016.

* **Stoll, J.** "Ecosystems and Institutions: Understanding Institutional Transformability in Maine's Fisheries.” Invited Seminar. NOAA Fisheries. Silver Spring, Maryland. June 2016.

* **Stoll, J.** "LocalCatch.org: Building a network engaged in local and direct marketing of seafood.” Too Big to Ignore. Webinar. May 2016.

* **Stoll, J.** "LocalCatch.org: Building a network engaged in local and direct marketing of seafood.” Maine Seafood Network Meeting. Gulf of Maine Research Institute. Portland, Maine. May 2016.

Stoll, J. "Institutional starters: Building local capacity by way of direct marketing.” Society for Applied Anthropology 76th Annual Meeting. Vancouver, British Columbia. March 2016.

* **Stoll, J.** "US-China Seafood Trade in a Changing Global Seafood Economy.” Invited Seminar. Xiamen, University. March 2016.

* **Stoll, J.** Economic Diversification for Maine's Fishermen. Panel Presentation. Maine Fishermen's Forum. Rockland, Maine. March 2016.

Battista, N., and **J. Stoll**. "Building Innovative Partnerships that Support Working Waterfront Industries.” National Working Waterfronts and Waterways Symposium. Session Co-organizer: Building Innovative Partnerships that Support Working Waterfront Industries. Tampa, Florida. November 2015.

* **Stoll, J.**, and J. Wilson. "Adaptive management: so you say it's a key to resilience? Towards a social-ecological approach to licensing commercial fisheries in Maine.” Invited Seminar. Mitchell Center for Sustainability Solutions, University of Maine. Orono, Maine. November 2015.

* **Stoll, J.** "Local Seafood Marketing: An Opportunity for Innovation.” Invited international keynote. Seafood Directions Conference. Perth, Australia. Note: with additional invited travel to Sydney to meet with fishermen. November 2015.

- Stoll, J., C. Beitzl, J. Wilson.** “No Fish, No Knowledge? An evaluation of the licensing ecology of Maine over twenty-four years and implications for the erosion of local ecological knowledge.” Transformations2015 Conference. Stockholm, Sweden. October 2015.
- * **Stoll, J.** “A New Take on Working Waterfronts.” Invited Seminar. Institute for Coastal Research, Vancouver Island University. Note: with additional invited travel in Vancouver to meet with fishermen. Vancouver, British Columbia. September 2015.
- * **Stoll, J.** “The Design and Use of Fishing Community And Regional Fishery Association Entities in Limited Access Privilege Programs.” Kodiak Fisheries Working Group. Kodiak, Alaska. September 2015.
- Simon, S., S. Otto, **J. Stoll**, P. Lawson, and G. Sylvia. “Weak stock bycatch avoidance in the west coast ocean salmon fishery: a bioeconomic model using spatio-temporal data from commercial fishermen.” American Fisheries Society 145th Annual Meeting. Portland, Oregon. August 2015
- Stoll, J.,** and J. Wilson. “New Institutions on Old Boundaries: Mapping Management Boundaries in Gulf of Maine Fisheries.” Society for Applied Anthropology 75th Annual Meeting. Session Co-organizer: Marine Fisheries Management in a Sea of Change. Pittsburgh, Pennsylvania. March 2015.
- Stoll, J.,** P. Pinto da Silvo, J. Olson, and S. Benjamin. “Expanding the Geography of Resilience in Fisheries.” Society of Human Ecology XXst Conference. Bar Harbor, Maine. October 2014.
- Stoll, J.,** B. Dubik, and L. Campbell. “Local seafood: Rethinking the direct marketing paradigm.” Social Coast Forum. Charleston, South Carolina. February 2014.
- * **Stoll, J.** Marine Conservation and Policy Invited Seminar. Stony Brook University, New York. October 2013.
- Stoll, J.,** and M. Holliday. “Linking NOAA Fisheries to Working Waterfronts: Existing Resources and Funding Opportunities.” National Working Waterfronts and Waterways Symposium. Tacoma, Washington. March 2013.
- * **Stoll, J.** “An Overview of the Walking Fish Cooperative.” Maryland Blue Crab Industry Design Team Session. Annapolis, Maryland. September 2012.
- Stoll, J.,** and M. Holliday. “Policy Innovation to Strengthen Coastal and Marine Habitat Conservation.” American Fisheries Society 142nd Annual Meeting. Minneapolis, Minnesota. August 2012.
- * **Stoll, J.** “The Growth of Community Supported Fisheries in North America.” Virginia Institute of Marine Science’s Visiting Scholar Seminar Series. Gloucester Point, Virginia. November 2011.
- Stoll, J.** “Community Supported Fisheries: Broadening the Scope of Traditional Fisheries Management.” SeaWeb Seafood Summit. Vancouver, British Columbia. February 2011.
- * **Stoll, J.** “Community Supported Fisheries: A Case Study from North Carolina.” Presented to multiple fishing communities (w/ translation to Spanish). Baja California, Mexico. November 2010.

REVIEWER

Conservation Biology; Conservation Letters; Marine Policy; Fish & Fisheries; ICES Journal of Marine Sciences; Society and Natural Resources; Journal of Culture & Agriculture; Saltonstall-Kennedy Grant Program

OTHER RELEVANT PROJECTS & EXPERIENCES

LocalCatch.org: Founder and Steering Committee member (North America, June 2011 – current)
 Maine Food Strategy: Steering Committee (Maine, October 2015 – current)
 Georgetown Island Oyster Company: Owner/Operator (Georgetown, Maine, January 2014 – current)
 Walking Fish Cooperative: Co-founder (Carteret County, North Carolina, September 2008 – 2016)
 Columbia River Research Laboratory, U.S Geological Survey: Fisheries Research Technician (Cook, Washington, April 2007 - July 2008)

Spring Creek National Fish Hatchery U.S Fish and Wildlife Service: Education and Outreach Assistant and Hatchery Technician (White Salmon, Washington, January - December 2006)
Tanzania Fisheries Research Institute: Limnology Research Technician (Kigoma, Tanzania, June – September 2005)
Commercial lobster fishing: Sternman (Portland and Freeport, Maine, Multiple seasons)