

## FY 2014 Sea Grant Social Science Research Projects (as of 5/14/14)

Sea Grant Program	Project Title and Principal Investigators	FY 2014 Federal Funding *	FY 2014 Match Funding *
AK	Economic Viability of a Directed Skate Fishery in the Gulf of Alaska (Andrew Seitz, Keith Criddle)	\$18,002	\$0
AK	Graying of the Fleet in Alaska's Fisheries: Defining the Problem and Assessing Alternatives (Courtney Carothers, Paula Cullenberg, Rachel Donkersloot)	\$86,692	\$0
AK	Sustainability of Coastal Communities and Sea Otters: Harvest and Future Management of Sea Otters (Ginny Eckert, Stephen J. Langdon)	\$77,481	\$0
CA	Spatial Redistribution of Fishing Effort: Identifying Drivers and Testing Model Predictions for Informing Expectations in Marine Spatial Planning (Crow White, Steven Gaines)	\$76,534	\$47,037
CA, OR, WA	Scaling Up Cost-Efficient Community Engagement in Coastal Resource Management (Julia Parrish, Shawn Rowe, Heidi Ballard)	\$124,902	\$88,556
CA, USC, WA	The environmental and economic impacts of moorage marinas on the West Coast (Christine Bae, Nathaniel Trumbull, James Elliott Moore, JiYoung Park)	\$136,185	\$86,718
CT	Human Dimensions of LIS Ecosystems: An Evidence-based Socio-Ecological Model for Education and Management (Christopher Elphick, Chris Field)	\$64,857	\$32,961
CT, ME, MIT, NH, NY, RI, WHOI	Buy Out or Build Back? A Comparative Assessment of Approaches to Employing Public Funding to Vulnerable Coastal Properties in the Northeastern United States (NESGC Regional Project)	\$87,399	\$51,771
CT, ME, MIT, NH, NY, RI, WHOI	Coastal Hazards and Northeast Housing Values: Comparative Implications for climate Change Adaptation and Community Resilience (Robert J. Johnston, Klaus Moeltner, Christine Blinn, Christine Feurt)	\$87,500	\$46,200
DE	A bioeconomic analysis of ecosystem-based horseshoe crab fishery management (Sunny Jardine)	\$66,723	\$0
DE	Social Dimensions of Offshore Wind Power Development off the Delmarva Peninsula (Jeremy Firestone)	\$111,080	\$0
FL	Fisheries Forums: Crafting processes and tools to enable place-based cooperative governance of Florida's saltwater fisheries (Lorenzen, Kai, Monroe, Martha C., Struve, Juliane, Dutka-Gianelli, Jynessa)	\$90,000	\$45,000
GA	Can the Local Food Movement Be an Opportunity For Georgia Seafood Producers to Participate in the Inland Seafood Market? (Tracy Yandle, Peggy Barlett)	\$58,830	\$38,879
GA	Coastal Georgia Regional Wastewater Planning (Laurie Fowler, Katie Sheehan)	\$69,337	\$42,774
GA	Planning for Competitive Port Expansion on the U.S. Eastern Seaboard: The Case of the Savannah Harbor Expansion Project (SHEP). (Stephen Ramos)	\$52,485	\$42,325
HI	Evaluation of the economic feasibility and marketing potential of the new Hawai'i oyster industry (Pingsun Leung, Quentin Fong)	\$74,315	\$38,506
HI	Forecasting climate change impacts on coastal ecosystem services in Hawaii through integration of ecological and social participatory models (Christopher Lepczyk, Steven A. Gray)	\$55,186	\$21,388
IL-IN	Evaluating the Maintenance and Diffusion of Best Management Practices in the Salt Creek Watershed (Linda S. Prokopy, Nicholas L. Babin)	\$70,000	\$0
IL-IN	Mapping Vulnerability in EPA-designated Areas of Concern (Bethany B. Cutts, Andrew Greenlee)	\$62,694	\$10,384
MD	Evaluating the relative impacts of the recreational and commercial sectors of the blue crab fishery in Maryland (Anson Hines, Matthew B Ogburn, Eric G Johnson)	\$72,122	\$30,767
MD	Understanding the Effectiveness of the Watershed Stewards Academies in Maryland (Dana R. Fisher)	\$69,999	\$35,007
MI	Development of Stable Open Channel Design Criteria (Carol J. Miller, Lynne Seymour, Rob Myllyoja)	\$75,000	\$37,722
MI	Governance Approaches to Foster Great Lakes Literacy, Identity and Stewardship: An Integrated Assessment (Shari L. Dann, Janet Vail, Joan Chadde, Steve Stewart)	\$58,598	\$30,078
MI	Where People Meet the Muck: An Integrated Assessment of Beach Muck and Public Perception at the Bay City State Recreation Area, Saginaw Bay, Lake Huron (Donna Kashian, Avik Basu, Joseph DePinto, Ray Fahlsing)	\$74,996	\$48,106
MN	Building Climate Readiness in Nature-Based Tourism-Dependent Coastal Communities (Dr. Mae Deavenport, Sherry A. Enzler)	\$56,579	\$76,820
MN	Factor Contributing to Community Resilience in Extreme Climatic Conditions (Dr. Karlyn Eckman, Dr. Rebecca Teasley, Courtney Kowalczak)	\$56,579	\$46,763

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MS-AL	2014-2015 Social Science RFP for Resilient Communities and Economies (D. LaDon Swann)	\$75,000	\$37,500
NC	Development of Tourism Trails to Benefit Rural Coastal Economies and to Preserve National Resources and Coastal Heritage (Karen Amspacher, Patrick Long, Okmyung Bin, Hans Vogelsong)	\$48,615	\$14,147
NC	Labor Implications of Sustainable Coastal Development: Relations between Coastal and Inland Communities (David Griffith, Barbara Garrity-Blake)	\$43,040	\$13,370
NC, NJ, NY, VA	Understanding the impacts of climate change on the distribution, population connectivity, and fisheries for summer flounder ( <i>Paralichthys dentatus</i> ) in the Mid-Atlantic Bight (Chris Kennedy, Malin Pinsky, Janet Nye, Joel Fodrie, Hyemi Kim, Kenneth Able)	\$251,681	\$122,457
NH	Analysis and Communications of Flood Damage Cost Avoidance in the Lamprey River Watershed of New Hampshire (Cameron Wake, Robert Roseen)	\$70,000	\$25,000
OH	Beneficial reuse of dredged material in manufactured soil blending: Economic/logistical and performance considerations (Elizabeth A. Dayton, Joseph Fiksel)	\$93,404	\$0
OH	Impacts of Climate Change on Public Health in the Great Lakes due to Harmful Algae Blooms (Jay F. Martin, Jiyoung Lee)	\$20,857	\$0
OH	Linking Agricultural Production and Great Lakes Ecosystem Services: Modeling and Valuing the Impacts of Harmful Algal Blooms in Lake Erie (Elena G. Irwin, Mike E. Fraker, Seyoum Y. Gebremariam, Jay F. Martin)	\$99,442	\$66,806
OR	2014-2015 Social Science RFP (Sarah Kolesar, Research and Fellowship Program Coordinator)	\$154,073	\$1,475
PA	Evaluations of Effectiveness of FreshFaceForward: Personal Care Products (PCPs) Social Change Campaign (Anne Zaphiris, Ph.D, Nicole Shoenberger, Ph.D)	\$18,855	\$10,150
PR	Evaluation of Perceptions and Experimental Planting Techniques at Parque La Esperanza, Cataño, Puerto Rico (Concepcion Rodriguez-Fourquet, PhD, Juan Negron-Ayala, PhD, Steven A. Sloan, PhD, Nancy Villanueva-Colon, PhD)	\$29,208	\$29,208
RI	A model for understanding public support for aquaculture and estimating social carrying capacity in Rhode Island waters. (Tracey Dalton, Di Jin, Robert Thompson)	\$99,680	\$55,744
RI	An inventory map and valuation of social uses of Rhode Island coastal waters: a mixed methods approach. (Robert Thompson, Tracey Dalton, James Opaluch, John Lake)	\$95,063	\$49,189
TX	Economic Valuation of Brown and White Shrimps as Forage Species in the Coastal Areas of Texas (Masami Fujiwara, Richard Woodward)	\$108,398	\$55,733
USC	A New Method for Monitoring Urban Beach Ecosystems (Karen Martin, Jenny Dugan)	\$81,009	\$30,433
USC	Developing a Model Ordinance for California Local Governments to Integrate Sea-Level Rise Adaptation into Existing Land Use Plans (Sean Hecht, Megan Herzog)	\$44,169	\$11,587
WA	Evaluating Puget Sound Marine Protected Areas to Increase Social Ecological Resilience (Patrick Christie, David Fluharty, Richard Pollnac, Brad Warren)	\$16,379	\$48,759
WA	Planning for Coastal Community Resilience to Tsunamis Using Transportation and Disaster Recovery Modeling (Scott Miles, Rebekah Green, Anne Goodchild)	\$135,413	\$25,023
WA	Shifting baselines in Puget Sound: population abundance of Pacific herring and its use by Native Americans over the millennia (Lorenz Hauser, Dana Lepofsky, Dongya Yang, Robert Kopperl)	\$121,655	\$62,121
WA	Toward Sustainable Geoduck Aquaculture Management in Puget Sound: Assessing Policy and Social Dimensions (Clare Ryan, P. Sean McDonald)	\$46,439	\$25,800
WI	A Tale of Two Beaches: Bridging the Research and Policy Gap to Improve Urban Beach Ecosystem Health (Sandra McLellan, Jenny Kehl)	\$106,022	\$0
WI	Building Blocks of the Heartland: Underwater Archaeological Investigations of Wisconsin's Stone Industry (John Broihahn, John Karl)	\$48,367	\$5,659
WI	Estimating the Economic Benefits of the Wisconsin Great Lakes Sport Fishery (Daniel Phaneuf)	\$89,487	\$0
WI	Quantifying Coastal Wetland – Nearshore Linkages in Lake Michigan for Sustaining Sport Fishes (Patrick Forsythe)	\$119,251	\$0

\* Funding includes graduate students supported in separate education projects