

NY Sea Grant Program

Site Review PIER Information

(Information gathered from the Program's Annual Report Submissions in PIER)

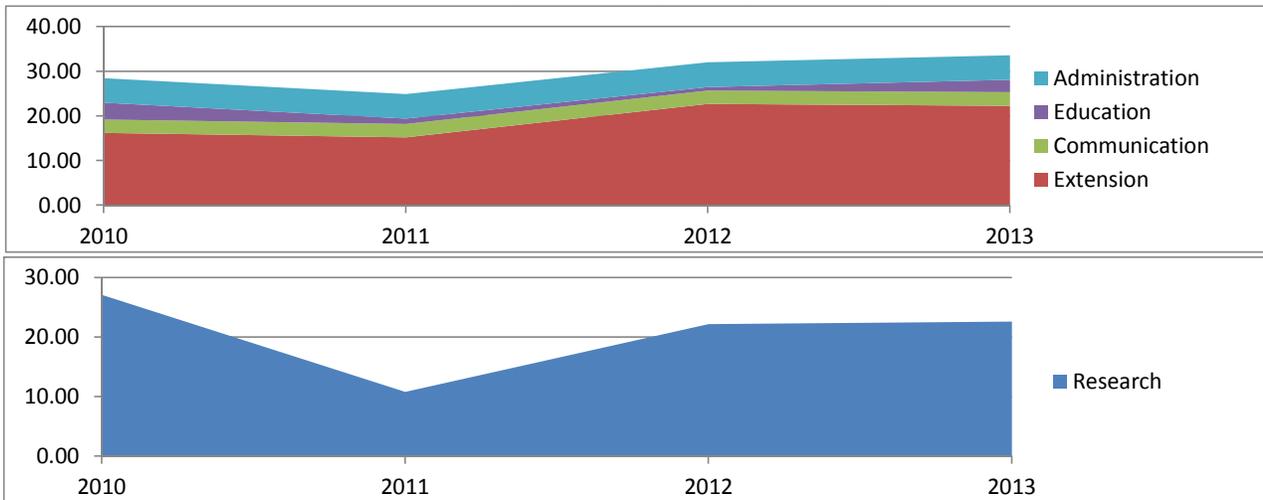
I. Program Management and Organization (organization, program team approach, support).

A. Sea Grant Staffing (2010-2013)

	Range of Annual Number of Individuals	Average Annual Full-Time Equivalents*
Administration	6	5.5
Extension	20-26	19.0
Communication	4	3.0
Education	3-7	2.2
Research	41-81	20.7

*One FTE is equivalent to 12 months of full time effort, and can be funded with Sea Grant Federal or non-Federal dollars.

Full Time Equivalents by Year (2010-2013)

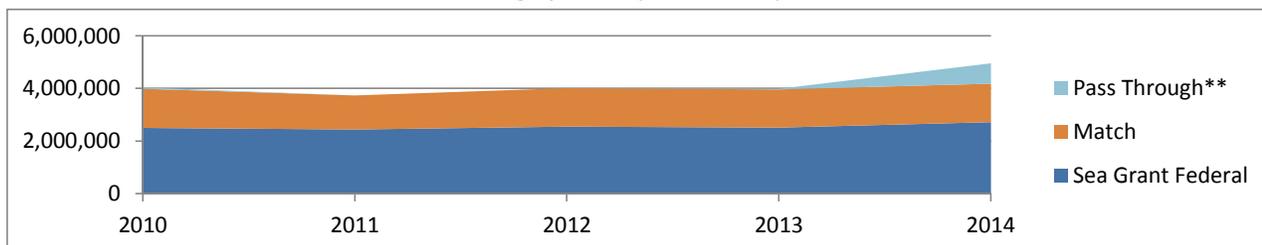


B. Total Funding by Source (2010-2014)

	Sea Grant Federal	Match	Pass Through**	Total Funding
2010	2,502,866	1,484,741	49,498	4,037,105
2011	2,447,200	1,287,282	0	3,734,482
2012	2,547,954	1,467,277	0	4,015,231
2013	2,520,660	1,452,197	21,035	3,993,892
2014	2,726,011	1,460,427	779,247	4,965,685

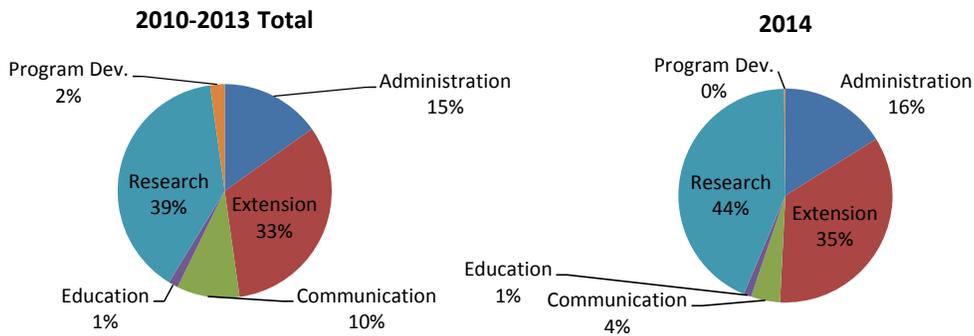
** Pass Through funding refers to federal funds not appropriated to Sea Grant, but administered through the National Sea Grant Office

Funding by Year (2010-2013)

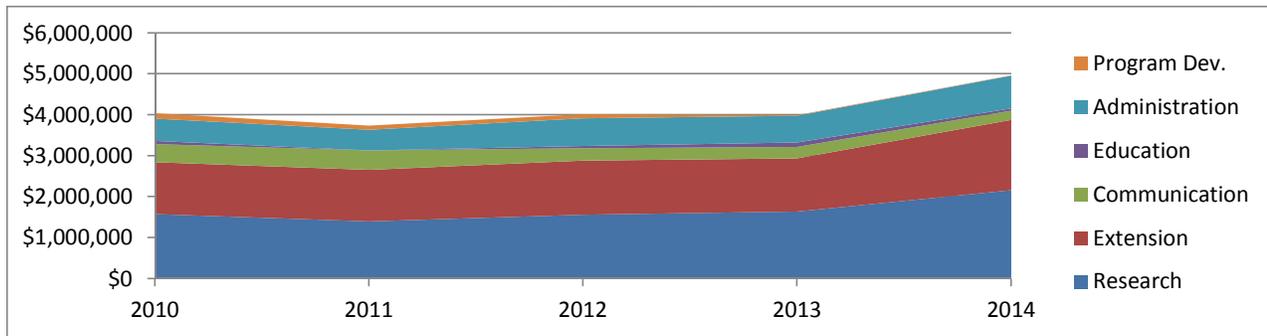


C. Distribution of Funding by Functional Area (Federal + Match + Pass Through)

	2010	2011	2012	2013	2014
Administration	545,342	505,515	679,118	659,470	801,614
Extension	1,261,614	1,261,614	1,323,368	1,301,409	1,721,192
Communication	446,680	471,351	304,595	278,279	219,474
Education	77,000	0	49,000	105,000	56,500
Research	1,576,468	1,396,002	1,559,150	1,635,348	2,157,797
Program Dev.	130,001	100,000	100,000	14,386	9,108



Trend (2010-2014)



D. Total Number of Core Funded Proposals (Not NSIs)

	2011	2013
Pre-Proposals Submitted	38	55
Full Proposals Submitted	16	12
Proposals Funded	9	6
Institutions with Proposals Funded	11	6
Proposals Funded from Home Institution	5	4

E. Core-Funded Research Projects
2014
Assessing bloom dynamics of the toxic dinoflagellate <i>Cochlodinium polykrikoides</i> and impacts on fisheries: Are there mitigation options? (Ying Zhong Tang)
Atlantic salmon restoration in Great Lakes tributaries: An ecological and bioenergetics approach (Neil H. Ringler)
QPX distribution and persistence in the environment (Bassem Allam)
Sea Grant Scholars (CORNELIA G. SCHLENK)
The potential impact of VHSV on future population recovery of St. Lawrence River muskellunge (Rodman G. Getchell)
The role of submarine groundwater discharge (SGD) in promoting hypoxia in Smithtown Bay (Henry J. Bokuniewicz)
Understanding the impacts of climate change on the distribution, population connectivity, and fisheries for summer flounder (<i>Paralichthys dentatus</i>) in the Mid-Atlantic (Janet A. Nye)
Future Competitive Applications: Research Placeholder (William M. Wise)
2013
Ecosystem response to enhanced nutrient loadings following Hurricane Sandy in the Long Island South Shore Estuary: increased nitrogen removal or availability? (Chester B. Zarnoch)
Effects of a storm-induced barrier breach on community assemblages and ecosystem structure within a temperate lagoonal estuary (Michael G. Frisk)
Investigate the Paradox of Nitrogen Limitation in Nitrate-Rich Lake Ontario (Michael R. Twiss)
2012
A Test of Acoustic Telemetry and Radio Frequency Identification Tagging Methods to Evaluate the Success of Fish Passage Restorations for Alewife, American Eel and Brook Trout in the Carman's River (Matthew Sclafani)
Contribution of Marina Activities to the Algal Growth of Sodus Bay, Lake Ontario (Gregory L. Boyer)
Determination of Effective Combinations of Bactericidal and Bacteriostatic Growth Inhibitor Treatments against <i>Listeria monocytogenes</i> on Cold Smoked Salmon (Martin Wiedmann)
Effect of Salinity Intrusion on Hudson River Wetland Nitrogen Cycling (Stuart E. G. Findlay)
Effects of Low Toxicity, High Concentration Alexandrium fundyense Blooms on Growth and Condition of <i>Mercenaria mercenaria</i> and <i>Mya arenaria</i> (Robert M. Cerrato)
Genomic Analysis of Oyster Dispersal and Recruitment Success (Matthew P. Hare)
GIS analysis of resident angler fishing characteristics and demographics (Diane M. Kuehn)
Mercury and Nutrients in Commercial Seafood: Local and National Trends and Mechanisms (Nicholas S. Fisher)
Towards an Integrated Multi-model Storm Surge Prediction System for Coastal New York (Malcolm J. Bowman)
Using Plant Traits to Predict How Plant Community Changes will Affect Denitrification in Wetlands (Stephen B. Baines)
2011
An evaluation of habitat classification schemes for coastal marine systems (ROBERT M. CERRATO)
Development of mitigation strategies to reduce the impact of QPX disease on hard clam transplant fishery (BASSEM ALLAM)
Future changes in east coast storms and its impact on coastal inundation and Long Island Sound mixing (BRIAN A. COLLE)
Management of risk from VHSV in bait minnows (PAUL R. BOWSER)
Research Placeholder for 2011 (Unreported PI)

2010

Assessment of Viral Hemorrhagic Septicemia Virus egg transmission (PAUL R. BOWSER)
Birdsong as an indicator of sublethal polychlorinated biphenyl (PCB) bioavailability in the environment (Timothy J. DeVoogd)
Constraints and motivations related to bass fishing along the Lake Ontario coast (Diane M. Kuehn)
Cumulative impacts of multiple stressors on eelgrass populations in New York estuaries (Bradley J. Peterson)
Development of genomics-based methods to determine effective combinations of growth inhibitors for <i>Listeria monocytogenes</i> on cold smoked salmon (MARTIN WIEDMANN)
Forecasting ecosystem effects of a new invader, <i>Hemimysis anomala</i> , in Lake Ontario (LARS G. RUDSTAM)
Functional genomics investigations of hard clam immune response and resistance against QPX infection (BASSEM ALLAM)
Improved predictions of condition and growth in alewives: Effects of dietary fatty acids, temperature, and ration (Randal J. Snyder)
Managing brown tide: nitrogen physiology of <i>Aureococcus anophagefferens</i> within the plankton community context (Jackie L. Collier)
Natural tracers of submarine groundwater discharge into Long Island Sound (J. KIRK COCHRAN)
Regulation of <i>Phragmites australis</i> invasions by seedling-associated microbes (Eric B. Nelson)
Sea Grant Scholars (CORNELIA G. SCHLENK)
The role of sediments in nitrogen cycling and eutrophication in the Peconic estuary (Robert C. Aller)

F. NSI, Pass-through, and enhancement funds
2014
Climate Change Capacity Building Initiative (Katherine E. Bunting-Howarth) (SG-Climate)
2014 Knauss Fellow (Kenneth Lang) (William Wise) (OAR)
Future Competitive Applications: Research Placeholder (William M. Wise) (SG-Social Science)
NMFS/Sea Grant Fellowship-Population and Ecosystem Dynamics (Katherine Kaplan): Evaluating Atlantic Sea Scallop Incidental Mortality and habitat effects from bottom fishing using the Habitat Mapping Camera System (Patrick Sullivan) (NMFS-SG-Fellowship)
Coastal Storm Awareness Program - NY (Barbara Branca) (OAR-Disaster Relief Appropriations Act)
Coastal Storm Awareness Program - NY (Katherine Bunting-Howarth) (OAR-Disaster Relief Appropriations Act)
Coastal Storm Awareness Program - NY (William Wise) (OAR-Disaster Relief Appropriations Act)
Evaluating Evacuation Decision-making Processes among Residents of Long Beach, NY before Superstorm Sandy: Lessons for the role of authority and language in storm warnings - Subcontract (E. Christa Farmer) (OAR-Disaster Relief Appropriations Act)
Development of small, local shellfish hatcheries and increasing hatchery production methods for existing hatcheries culturing the eastern oyster, <i>Crassostrea virginica</i> (Gregg Rivara) (SG-Aquaculture)
Forecasting evacuation behaviors of coastal communities in response to storm hazard information (Ricardo A. Daziano) (OAR-Disaster Relief Appropriations Act)
Measuring public response to a surge of information: How individuals understand, react, and respond to storm surge media messages (Clifford W. Scherer) (OAR-Disaster Relief Appropriations Act)
Understanding responses to storm warnings: learning from those who 'rode out' Hurricane Sandy (Sharon D. Moran) (OAR-Disaster Relief Appropriations Act)
Establishment of Lake Ontario Climatology and an Indices Monitoring Program (David White) (NOS-CSC)
2013
Dean John A. Knauss Marine Policy Fellowship for Daniel J. Sousa (Ammerman, James W.) (SG-FEL-KNAUSS)
Dean John A. Knauss Marine Policy Fellowship for Zachary N. Schulman (William Wise) (COAST GUARD)
Dean John A. Knauss Marine Policy Fellowship for Zachary N. Schulman (William Wise) (SG-FEL-KNAUSS)
Hurricane Sandy NYSG Rapid Response (Katherine E. Bunting-Howarth) (SG-PD)
Hurricane Sandy NYSG Rapid Response (Unreported PI) (SG-PD)
Contribution of Marina Activities to the Algal Growth of Sodus Bay, Lake Ontario (Gregory L. Boyer) (SG-Social Science)
2012
Dean John A. Knauss Marine Policy Fellowship for Jillian Cohen (AMMERMAN, JAMES) (SG-FEL-KNAUSS)
Preparing Coastal Constituents and Communities for Climate Change (Bunting-Howarth, Katherine) (SG-Climate)
Revision of Fundamentals of a Sea Grant Extension Program guide (Branca, Barbara A.) (SG-NSI)
2010
NMFS Population Dynamics Sea Grant Graduate Fellowship: Assessing spiny dogfish migration and population dynamics in the Northwest Atlantic (Michael G. Frisk) (NMFS-SG-Fellowship)

Winter assessment of microbial biomass and metabolism: Testing the importance of winter productivity to summer hypoxia in Lake Erie (Michael R. Twiss) (OAR-SHIPTIME)

Climate Change Literacy Training Program for Extension and Partner Agency Staff (Unreported PI) (SG-Climate)

II. **Stakeholder Engagement** (relevance, advisory services, and education and training).

A. **Total Number of SG-Sponsored Meetings, Workshops, Conferences, Presentations and Attendees (2010-2013)**

Events	Attendees
1,093	735,347

B. **Total Number of Volunteer Hours (2010-2013)**

2,238

C. **Students Supported (2010-2013)**

	Students		Degrees Awarded
	New	Continuing	
Undergraduate	30	11	2
MS/MA	14	20	8
PhD	15	37	7
Professional Degree	0	0	0

D. **K-12 Students Reached (2010-2013)**

78,740

III. Collaborative Network Activities (relationships and coordination).

A. Program Partners by Scale

FEDERAL or NATIONAL

American Society of Civil Engineers (ASCE)
Aquaculture Industry
Boy Scouts of America (BSA)
Brookhaven National Laboratory
Division of Fisheries and Aquatic Resource Conservation (US DOI, USFWS)
Engineering Research and Development Center (DoD, Army, USACE)
Federal Emergency Management Agency (US DHS, FEMA)
Fire Island National Park Service
Frank M. Flower and Sons Inc.
Great Lakes Environmental Research Laboratory (US DOC, NOAA, OAR, GLERL)
Great Lakes Science Center (US DOI, USGS)
Hudson River National Estuarine Research Reserve (US DOC, NOAA, NOS, NERRS)
Interstate Shellfish Sanitation Conference (ISSC)
Long Island Sound Study (US EPA, NEP, LISS)
Marine Recreational Information Program
National Assembly of Sea Grant Extension Program Leaders
National Estuarine Research Reserve System (US DOC, NOAA, NOS, NERRS)
National Fish and Wildlife Foundation (NFWF)
National Fisheries Institute (NFI)
National Institute of Food and Agriculture (USDA, NIFA)
National Invasive Species Council (AIS)
National Marine Educators Association
National Marine Fisheries Service (US DOC, NOAA, NMFS)
National Non-Point Education for Municipal Officials (NEMO) Network
National Oceanic and Atmospheric Administration (US DOC, NOAA)
National Park Service (US DOI, NPS)
National Science Foundation (NSF)
National Sea Grant College Program (US DOC, NOAA, OAR, NSGCP)
National Sea Grant Office (US DOC, NOAA, OAR, NSGO)
National Seafood HACCP Alliance
National Weather Service (US DOC, NOAA, NWS)
National Weather Service, Wilmington, NC (US DOC, NOAA, NWS)
Natural Resources Conservation Service (USDA, NRCS)
New York District (DoD, Army, USACE)
New York District (US DOI, USGS)
NOAA Fisheries Training Branch
Northeast Fisheries Science Center (US DOC, NOAA, NMFS, NEFSC)
Northeast Shore and Beach Preservation Association
Peconic Estuary Program (US EPA, NEP, PEP)
Region 1 (US EPA)
Region 2 (US EPA)
Save our Shores
Save the River
Sea Grant Association
The New York-New Jersey Harbor Estuary Program (US EPA, NEP, HEP)

U.S. Coast Guard Academy
US Army Corps of Engineers (DOD, Army, USACE)
US Association of Food and Drug Officials (AFDO)
US Coast Guard (US DHS, USCG)
US Coast Guard Auxiliary (US DHS, USCG)
US Department of Agriculture (USDA)
US Environmental Protection Agency (US EPA)
US Fish and Wildlife Service (US DOI, FWS)
US Food and Drug Administration (US HHS, FDA)
US Geological Survey (US DOI, USGS)
USGS Lake Ontario Biological Field Station
Western New York Marine Trades Association
Office of International Affairs (US DOC, NOAA, OAR)

INTERNATIONAL

Association of Food and Drug Officials (AFDO)
BoatUS Foundation
Canadian Consulate
Centre for Aquatic Biotechnology Regulatory Research (CABRR), Centre for Aquaculture and Environmental Research, Fisheries and Oceans Canada (DFO)
China Import/Export Quality Association (Training in China Partners)
Ducks Unlimited
Environment Canada
Fisheries and Oceans Canada
Fisheries and Oceans Canada (DFO)
International Association for Great Lakes Research
International Conference on Shellfish Restoration
Memorial University of Newfoundland
Ontario Ministry of Natural Resources
The Nature Conservancy (TNC)
University of Pierre and Marie Curie
University of Southern Bohemia- Czech Republic

LOCAL

Animal and Plant Health Inspection Service (APHIS)
Atlantis Angler Association
Babylon Town Sport Fishing Education Center
Board Of Cooperative Educational Services of Nassau County (Nassau BOCES)
Boating Industry Association of upstate New York
Brooklyn College
Buffalo Museum of Science
Buffalo Urban Outdoor Education Foundation
Captree Clam Company
Cary Institute of Ecosystem Studies
Casting for Recovery
Cayuga community college
Cayuga county
Central NY Regional Planning and Development Board
City of New York, NY Department of Environmental Protection (NYC DEP)
City of Oswego
Clarkson university

Coastal Farms Inc.
Dock to Dish
Dock-to-Table
Doxsee Sea Clam Company
Eastern Lake Ontario Dunes Foundation
Eastman Place Association
ERIE II BOCES
First Coastal Corporation
Fly Fishermen of Erie County
Fort Drum Military Installation
Friends of Sandy Pond Beach
Friends of the Bay
GEI Consultants
George Brown Oyster Company
George Perkins Marsh institute
Global Computer Systems/ Xiacon (Web site Content Management System)
Golden Meadows Plant Materials Center
H. Lee White Marine Museum
Hauppauge School District
Hempstead Harbor Protection Committee
Henderson, NY
Hewlett Fish Market
Hudson River Estuary Program (NYSDEC)
Hudson Valley Marine Trades Association
IMP Group Limited, Marine Division
Inlet Seafood Company
Inlet Seafood Packing House
Jefferson County Planning Department
Jefferson County Soil & Water Conservation District
Jefferson Sunset Bluff Landowners Association
Jonamac Productions, Ltd. (Videography)
Kara Lynn Dunn (Great Lakes publicist)
Kings Park School District
Kingsborough Community College
Lake Bonaparte Conservation Club, Inc.
Lake Ontario Fisheries Coalition
LC Graphics (Graphic designer)
Lewis County Soil & Water Conservation District
Lewiston-Porter High School
Lighthouse Marine
Lin-Mar Travel, Inc.
Local Ocean Seafood Restaurant
LoGuidice Educational Center
Long Island Commercial Fishermen Association
Long Island Groundwater Research Institute
Long Island Marine Contractors Association
Long Island Shellfish Growers Association
Long Island Traditions
Manhasset Bay Protection Committee

Marathon Boating Group
Marine Resources Advisory Council
Middle Country School District
Mid-Hudson Area Independent Living Centers
miller place school district
Monroe County Department of Planning and Development
Montario Point Landowners Association
Montauk Boatment Association
Nassau County Soil & Water Conservation Districts
New York City Audubon Society
New York City Department of Environmental Protection (NYC DEP)
New York Marine Sciences Consortium
New York Seafood Council
New York State Department of State Office of Communities and Waterfronts
New York State Energy Research Development Corporation
New York State Invasive Species Research Institute
Niagara Frontier Science Supervisors
Noank Aquaculture Cooperative (Groton, CT)
North - South Sandy Pond Association
North Jefferson Park Landowners Association
North Rainbow Shores Landowners Association
Northeast Organic Farming Association (NOFA-NY)
NY/NJ Baykeeper
NYC Greenmarket
NYS Tug Hill Commission
Onandaga County
Onondaga Audubon Society
Orleans County Marine Park
Oswego County BOCES
Oswego County Cooperative Extension
Oswego County Environmental Management Council
Oswego County Planning Department
Oswego County Soil & Water Conservation District
Oswego County Soil and Water Conservation District
Oswego Maritime Alliance
Oswego Maritime Foundation
Peconic Land Trust
Port Authority of Oswego
Renshaw Beach Association
Saint Lawrence River Boaters
Sandy Island Beach Property Owners Association
Sandy Pond Channel Dredging Association
Scriba, NY
Seacoast Enterprises Associates, Inc.
Seaway Trail, Inc
Selkirk Beach Association
Seneca Park Zoo
Sloop Clearwater Inc.
Slow Foods Huntington

Smoked Fish Corp.
Sodus, NY
Southtowns Walleye Association
Sport Fishing Alliance, LTD
Suffolk County
Suffolk County Cooperative Extension, Marine Program
Suffolk County Department of Health Services
Suffolk County Planning Department
Suffolk County Soil and Water Conservation District
Sunrise Lobster Company
Sysco Food Services
Tift Nature Preserve
Town of Babylon, NY
Town of Brookhaven, NY
Town of East Hampton, NY
Town of Hempstead, NY
Town of Islip, NY
Town of Oyster Bay, NY
Town of Sandy Creek
Town of Sandy Creek, NY
Town of Shelter Island
Town of Southampton, NY
Tug Hill Tomorrow Land Trust
Ulster County
Village of East Rockaway
Wading River Central School District
Western NY School Districts
Westhampton Beach Middle School
New York City Mayor's Office of Emergency Management
Town of Smithtown, NY

REGIONAL

Aquarium of Niagara
Barataria-Terrebonne National Estuary Program
Buffalo Niagara Riverkeepers
Catskill Regional Invasive Species Partnership
Centers for Ocean Sciences Education Excellence (COSEE)
Centers for Ocean Sciences Education Excellence, Great Lakes (COSEE)
Columbia University Teachers College
Cooperative Institute of Limnology and Ecosystems Research
Eastern lake ontario salmon and trout association
Erie County Environmental Education Institute
Finger Lakes-Lake Ontario Watershed Protection Alliance
Great Lakes Fishery Commission (GLFC)
Great Lakes Observing System (GLOS)
Great Lakes Regional Research and Information Network (GLRRIN)
Great Lakes Research Consortium
Great Lakes Sea Grant Network
Interstate Environmental Commission
Long Island Convention & Visitors Bureau

Long Island Farm Bureau
Long Island Power Authority
Long Island Regional Planning Board
Long Island Sound Foundation
New England Estuarine Research Society (NEERS)
New England Interstate Water Pollution Control Commission (NEIWPCC)
New York Natural Heritage Program
Northeast Americans with Disabilities Act Center
Northeast Aquatic Nuisance Species Panel (NEANS)
Northeast Center for Agricultural Medicine
Northeast Sea Grant Consortium
Northwest Atlantic Marine Alliance
NY District Office of the Food and Drug Administration (HACCP Segment Two Course Partners)
Port Authority of NY/NJ
Regional Planning Commission
Save the Sound
Water Resources Institute (WRI)

STATE

Adirondeck Park Invasive Plant Program
Association of Marine Industries
Ball State University (BSU)
California Sea Grant
Capital-Mohawk Partnership for Regional Invasive Species Management
Central Utah Water Conservancy District
Clark University
Colby College
College of William and Mary
Columbia University
Connecticut Department of Energy and Environmental Protection (CT DEP)
Connecticut Department of Environmental Protection—Office of Long Island Sound Programs (CT DEP)
Connecticut Department of Public Health
Connecticut Sea Grant
Cornell College of Veterinary Medicine
Cornell Cooperative Extension
Cornell University
Delaware Sea Grant
Division of Fish and Wildlife (DE DNREC DFW)
East Carolina University (ECU)
Empire State Development
Empire State Marine Trade Association
Finger Lakes Partnership for Regional Invasive Species Management
Fordham University
Girl Scouts of America
Gulf of Maine Research Institute (GMRI)
Hudson River Foundation
Hunter College
Illinois-Indiana Sea Grant
Indiana Department of Natural Resources (ID DNR)
Lake Champlain Sea Grant

Long Island Invasive Species Management Area
Long Island occupational and environmental health center (LIOEHC)
Louisiana Sea Grant
Louisiana State University (LSU)
Lower Hudson Partnership for Regional Invasive Species Management
Loyola University Chicago (LUC)
Marine Biological Laboratory (MBL, WHOI)
Michigan Department of Natural Resources (MI DNR)
Michigan Sea Grant
Michigan State University (MSU)
Minnesota Department of Natural Resources (MN DNR)
Minnesota Sea Grant
Mississippi State University (MSState)
New Hampshire Sea Grant
New Jersey Department of Environmental Protection (NJ DEP)
New Jersey Sea Grant
new york center for agricultural medicine and health (NYCAMH)
New York Cooperative Extension, Cornell
New York Fishing Tackle Trade Association
New York Marine Trades
New York Sea Grant
New York State Bureau of Marine Resources (NYSDEC)
New York State Department of Agriculture and Markets
New York State Department of Environmental Conservation (NY DEC)
New York State Department of Environmental Conservation, Division of Fish and Wildlife (NYSDEC)
New York State Department of Health (NY DOH)
New York State Department of Parks, Recreation, and Historic Preservation (NY DPRH)
New York State Department of State
New York State Department of Transportation (NY DOT)
New York State Invasive Species Advisory Committee
New York State Invasive Species Council
New York State Invasive Species Steering Committee
New York State Marine Educators Association (NYSMEA)
New York State Museum
New York University, Medical Center (NYU)
North Carolina Division of Marine Fisheries (NC DENR, DMF)
North Carolina Sea Grant
North Carolina State University (NCSU)
NY Sportfishing Federation
Ohio Department of Natural Resources (OH DNR)
Ohio Sea Grant
Ohio State University Research Foundation (OSU)
Old Dominion University (ODU)
Oregon Sea Grant
Oregon State University (OSU)
Pennsylvania Sea Grant
Recreational Fishing Alliance (RFA)
Research Foundation of SUNY
Rhode Island Sea Grant

Rutgers University
Science Teachers of New York State
Seafood Products Association, Seattle, WA (SPA)
South Carolina Sea Grant Consortium
South Shore estuary reserve office
St. Lawrence- Eastern Lake Ontario Partnership for Regional Invasive Species Mgmt.
State of Delaware
State University of New York (SUNY)
State University of New York, Albany (SUNY)
State University of New York, Brockport (SUNY)
State University of New York, Buffalo (SUNY)
State University of New York, College of Environmental Science and Forestry (SUNY)
State University of New York, Oswego (SUNY)
State University of New York, Stony Brook (SUNY)
Stonybrook University, Marine Sciences Research Center
Syracuse University (SU)
United Boatmen of New York
United Spinal Association
University at Buffalo
University of California (UC)
University of California at Davis
University of Connecticut (UCONN)
University of Delaware (UDEL)
University of Florida (UF)
University of Illinois
University of Maine (UMaine)
University of Maryland (UMD)
University of Massachusetts at Boston (UMass)
University Of Medicine And Dentistry Of New Jersey
University of New Hampshire (UNH)
University of North Carolina, Wilmington (UNCW)
University of Pennsylvania (UPENN)
University of Rhode Island (URI)
University of Tennessee (UT)
University of Texas (UT)
University of Texas at Austin, Marine Science Institute (UT, UTMSI)
University of Vermont (UVM)
University of Wisconsin, Center for Great Lakes Studies and Great Lakes Water Institute (UW)
Virginia Institute of Marine Science (VIMS)
Virginia Polytechnic Institute and State University (VT)
Washington State Department of Health
Western Partnership for Regional Invasive Species Management
Wisconsin Department of Natural Resources (WI DNR)
Wisconsin Sea Grant
Yale University
New York State Emergency Management Office (NY SEMO)

Tribal

Shinnecock Tribe

Unknown

Buffalo State College
Clarkson College Of Technology
Institute Of Ecosystem Studies, Millbrook, Ny
Marine Trades Association
Metropolitan Waterfront Alliance
Queens College
Stevens Institute Of Technology

B. Source and Amount of Leveraged Funds (2010-2013)	
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Amounts	Year			
Source	2010	2011	2012	2013
Managed	\$1,647,915	\$966,361	\$987,058	\$879,222
Buffalo State College				\$13,614
Connecticut Sea Grant		\$71,668		
Cornell Cooperative Extension			\$24,623	
Cornell University				\$5,989
Empire State College				\$212
Finger Lakes-Lake Ontario Watershed Protection Alliance		\$39,327	\$5,000	
Great Lakes Research Consortium				\$8,500
Illinois-Indiana Sea Grant			\$173,819	\$18,820
Interstate Environmental Commission	\$207,285			
Long Island Sound Study (US EPA, NEP, LISS)	\$628,877			
Minnesota Sea Grant		\$107,154		\$34,000
National Oceanic and Atmospheric Administration (US DOC, NOAA)	\$39,012			
National Science Foundation (NSF)	\$65,276			
New England Interstate Water Pollution Control Commission (NEIWPPCC)			\$112,736	\$79,840
New York Seafood Council			\$8,783	
New York State Department of Environmental Conservation (NY DEC)	\$670,853	\$25,000	\$18,419	\$31,214
New York State Department of Environmental Conservation, Division of Fish and Wildlife (NYSDEC)		\$54,396		
Ohio State University (OSU)		\$19,264	\$10,621	\$13,700
Oswego County Soil and Water Conservation District			\$79,981	\$130,997
Penn State University (PSU)		\$64,181		
Research Foundation of SUNY	\$1,500	\$24,733	\$29,751	\$2,550
Seaway Trail, Inc	\$14,000		\$8,500	
State University of New York, Stony Brook (SUNY)	\$7,260	\$44,841		
Town of Oyster Bay, NY				\$9,684
University at Buffalo				\$3,000
University of Illinois				\$14,314
University Of Illinois, Urbana-Champaign (UI)			\$43,750	
University of Maryland (UMD)	\$13,852			
University of Michigan (UM)				\$5,829
University Of Minnesota (UMN)			\$54,056	
US Army Corps of Engineers (DOD, Army, USACE)		\$30,000		
US Environmental Protection Agency (US EPA)		\$417,119	\$385,294	\$506,959
Water Resources Institute (WRI)			\$31,725	
Wisconsin Sea Grant		\$21,113		
Unreported Source		\$47,565		