

WI Sea Grant Program

Site Review PIER Information

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

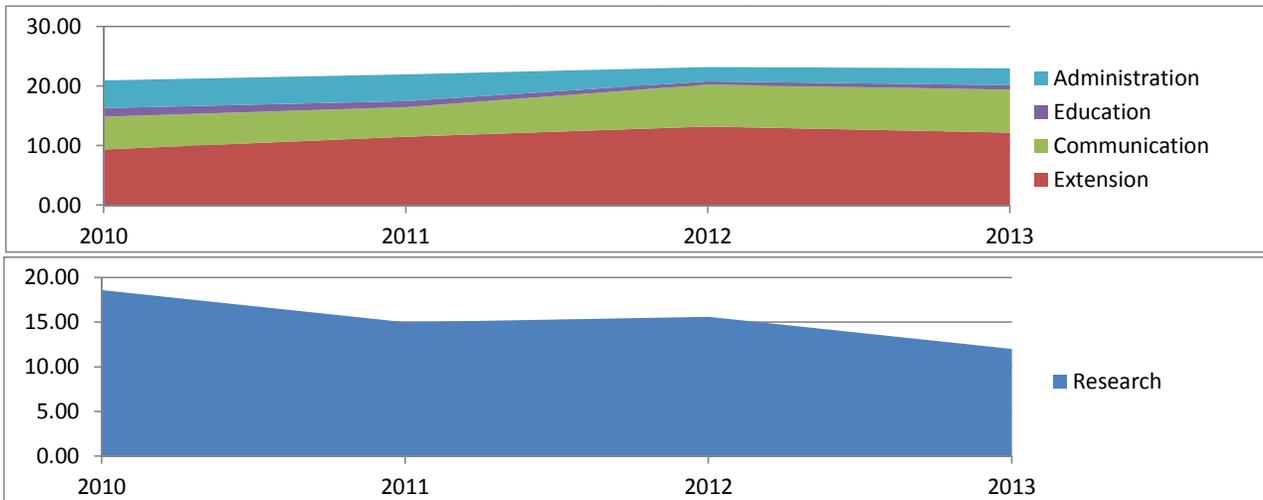
I. Program Management and Organization (organization, program team approach, support).

A. Sea Grant Staffing (2010-2013)

	Range of Annual Number of Individuals	Average Annual Full-Time Equivalents*
Administration	6-10	3.6
Extension	22-38	11.6
Communication	9-12	6.2
Education	5-10	0.9
Research	50-64	15.3

*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)

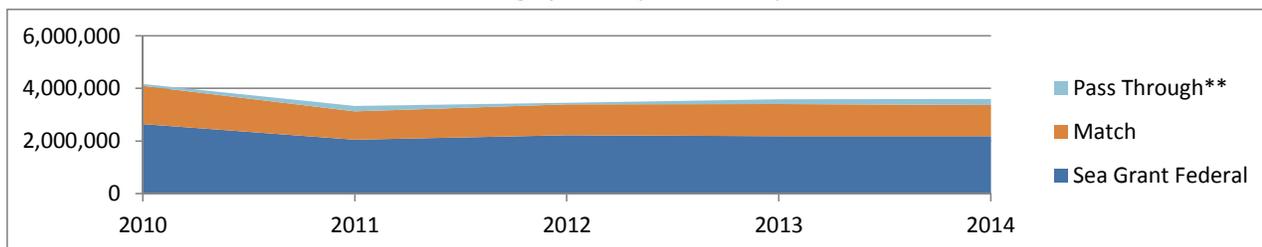


B. Total Funding by Source (2010-2014)

	Sea Grant Federal	Match	Pass Through**	Total Funding
2010	2,651,608	1,447,701	80,000	4,179,309
2011	2,053,199	1,082,571	197,453	3,333,223
2012	2,226,980	1,169,917	58,900	3,455,797
2013	2,191,733	1,220,939	181,837	3,594,509
2014	2,188,622	1,185,193	233,498	3,607,313

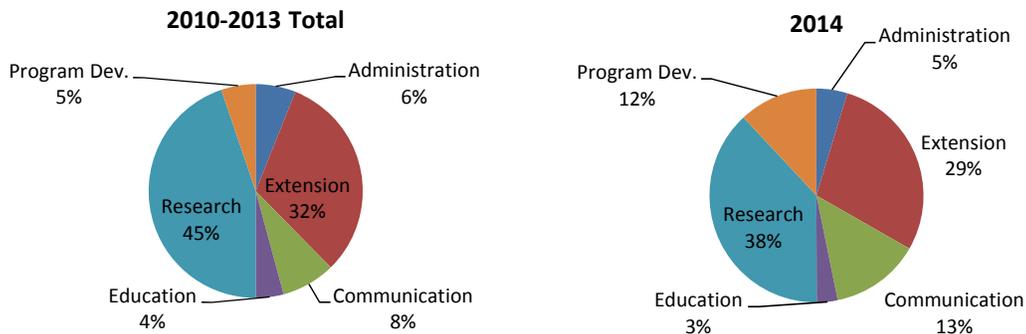
** Pass Through funding refers to federal funds not appropriated to Sea Grant, but administered through the National Sea Grant Office

Funding by Year (2010-2013)

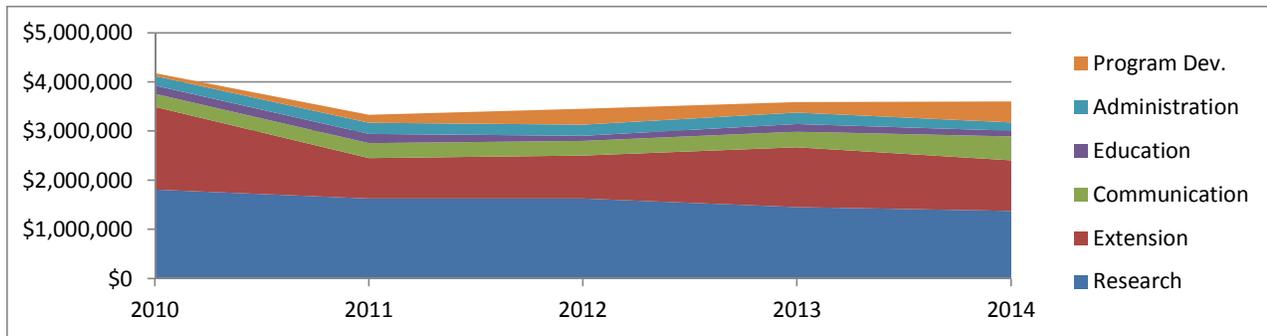


C. Distribution of Funding by Functional Area (Federal + Match + Pass Through)

	2010	2011	2012	2013	2014
Administration	190,543	229,650	226,309	233,054	168,237
Extension	1,682,216	823,574	875,692	1,218,832	1,031,469
Communication	266,522	304,689	301,011	314,832	487,984
Education	170,902	184,901	102,731	156,289	113,589
Research	1,812,417	1,628,352	1,626,635	1,453,097	1,374,821
Program Dev.	56,709	162,057	323,419	218,405	431,213



Trend (2010-2014)



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

	2011	2013
Pre-Proposals Submitted	73	70
Full Proposals Submitted	38	40
Proposals Funded	16	17
Institutions with Proposals Funded	5	7
Proposals Funded from Home Institution	7	6

E. Core-Funded Research Projects

2014

A Tale of Two Beaches: Bridging the Research and Policy Gap to Improve Urban Beach Ecosystem Health (Sandra McLellan)

Algal Bioremediation of Wastewater Inputs to Great Lakes Ecosystems (Erica Young)

An Ancient but Unrecognized Mechanism for Harvesting Light Energy in Great Lakes Bacterioplankton (Katherine McMahon)

Assessment of Beach Remediation Efforts at Select Lake Michigan Beaches (Gregory Kleinheinz)

Changing Benthic Metabolism in the Great Lakes (J. Val Klump)

Constructing a Lake Michigan Nearshore Ecosystem Model (Harvey Bootsma)

Estimating the Economic Benefits of the Wisconsin Great Lakes Sport Fishery (Daniel Phaneuf)

Genetic Analysis of Virulence Factors of the Fish Pathogen *Flavobacterium Columnare* (Mark McBride)

Integrating Prior Vegetation Surveys to Test Spatial and Temporal Patterns of Wetland Floristic Quality in the St. Louis River Estuary (Nicholas Danz)

Investigate the Proliferation of Antimicrobial Resistance in Lake Michigan Coastal Waters (Krassimira Hristova)

Measuring iodine-131 in Coastal Lake Michigan: A Point Source Tracer for Wastewater (James Waples)

Modeling the Chequamegon Bay Ecosystem to Facilitate Climate Adaptation (Randy Lehr)

Quantifying Coastal Wetland – Nearshore Linkages in Lake Michigan for Sustaining Sport Fishes (Patrick Forsythe)

Role of Invasive Quagga Mussels in Regulating Organic Carbon Dynamics in Lake Michigan (Laodong Guo)

A New Tool for Studying Food Web Change in the Great Lakes: Amino Acid-Specific Nitrogen Isotope Analysis (M. Jake Vander Zanden)

Extreme Events, Watershed Loadings, and Climate Change: Implications for the Management and Long Term Health of the Green Bay, Lake Michigan Ecosystem (Michael Zorn)

An In Situ Molecular Detection System for Microcystin Monitoring (Matthew Smith)

Development of Geo-Indicators for Assessment of Coastal Bluff Ecosystem in Lake Michigan for Regional Integrated Bluff Management (IBM) (Chin Wu)

The Basis for Microbially Mediated Mercury Methylation in Oxygen Depleted Zones of the Great Lakes (Katherine McMahon)

2013

Algal Bioremediation of Wastewater Inputs to Great Lakes Ecosystems (Erica Young)

Assessment of Beach Remediation Efforts at Select Lake Michigan Beaches (Gregory Kleinheinz)

Changing Benthic Metabolism in the Great Lakes (J. Val Klump)

Genetic Analysis of Virulence Factors of the Fish Pathogen *Flavobacterium Columnare* (Mark McBride)

2012

Alteration of nutrient cycling and food web structure by profundal quagga mussels in Lake Michigan (Harvey Bootsma)

Development of a Submersible Electroshocking Sampler for Invertebrates and Larval Fishes in Rocky Habitats (John Janssen)

Dreissenid Impacts on Nearshore Carbon and Phosphorus Dynamics in Lake Michigan (Harvey Bootsma)

Geotools for Fostering Citizen Engagement and Understanding of the Socio-Environmental Complexities of Great Lakes Coastal Estuaries (Janet Silbergael)

Interactions Between Dreissenid Mussels and River Sediment Plumes After Resuspension in the Coastal Area Around Sheboygan Harbor (Qian Liao)
Landscape Regulators of Biogeochemical Pattern and Process in the Saint Louis River Estuary (Emily Stanley)
Linking Primary Production and Fish along the Trophic Gradient in Green Bay, Lake Michigan (M. Jake Vander Zanden)
Living on the Edge: The Role of the Microbial Community at the Sand Water Interface in Degraded Beach Water Quality and Ecosystem Health (Sandra McLellan)
Multigenerational Effects of Sublethal TCDD on Fish Reproduction and Development (Warren Heideman)
The Wisconsin Coastal Atlas as a Foundation for Effective Spatial Decision Support Tools Addressing Great Lakes Management (Steven Ventura)
2011
Characterization of the Water Environment at the Apostle Islands, Lake Superior (Chin Wu)
Climate Change Increases Sea Lamprey Impact in Lake Superior (James Kitchell)
Effectiveness of a Lake Trout Refuge at Gull Island Shoal, Lake Superior (Michael Hansen)
Novel Epidemiologic and Diagnostic Approaches for Reducing the Impact of Viral Hemorrhagic Septicemia Virus on Aquatic Ecosystems in Wisconsin (Tony Goldberg)
2010
An Autonomous Microbial Genosensor for Detection of Gene Expression in Toxic Cyanobacteria (Katherine McMahan)
An Economic Spatial-Dynamic Model of Great Lakes Coastal Development (R. WILLIAM PROVENCHER)
Application of Molecular Based Methods for Investigation Sources of Fecal Pollution at Great Lakes Beaches (SANDRA MCLELLAN)
Constructing the Nearshore Lake Michigan Food Web Using Multiple Trophic Indicators (HARVEY A. BOOTSMA)
Determining and Mitigating the Effects of Climate Change on Stormwater Hydrology and Management for Great Lakes Coastal Communities (Kenneth Potter)
Development of Yellow Perch Broodstocks for Genetic Selection: Assessing Reproductive Performance and Manipulation for Out-of-Cycle Spawning (FRED GOETZ)
Ecological Immunology and Pathogen Resistance of Amphibians in Stressed Great Lakes Ecosystems (William Karasov)
Increasing the Efficiency of Yellow Perch Fingerling Production by Optimizing Pond Trophic Dynamics and Feed-Training Strategies (JEFFREY A. MALISON)
Influence of Regional Mercury Sources on Lake Michigan Tributaries: A 15-Year Comparison (Christopher Babiarz)
Lake-Wide Sustainability of Lake Trout Stocks in Lake Superior (MICHAEL J. HANSEN)
Modeling the Interactive Effects of Dreissenid Invasion and Nutrient Loading on Autotrophic and Food Web Structure in Green Bay, Lake Michigan (JAKE VANDER ZANDEN)
Physical and Biological Processes Associated with Resuspension of Contaminated Sediments in the Sheboygan River Estuary (CHIN WU)
Reducing the Level of Bio-Contaminants in Fish-Based Foods (Mark Richards)
Stressor Gradients and Spatial Narratives of the St. Louis River Estuary (Janet Silbernagel)
Target Organ Toxicity and Blue Sac Syndrome (RICHARD PETERSON)
The Wisconsin Coastal Atlas: Building a Coastal Spatial Data Infrastructure for Wisconsin (STEPHEN VENTURA)

Understanding Biological Impacts of Metals in Coastal and Urban Waters of the Great Lakes: Ligand-Interactions, Novel Biochemical Endpoints, and Model Development (Martin Shafer)

Utilizing Molecular Genetic Markers to Develop Wild Rice Restoration and Management Guidelines for Great Lakes Coastal Habitats (Anthony Kern)

F. NSI, Pass-through, and enhancement funds
2014
2014 Knauss Fellow (Sarah Wilkins) (Jim Hurley) (NOS)
Great Lakes Coastal Storms Program - Outreach Coordinator - Coastal Hazards Planning and Mitigation (Philip Moy) (NOS-CSC)
Advisory Services (Philip Moy) (SG-Climate)
Estimating the Economic Benefits of the Wisconsin Great Lakes Sport Fishery (Daniel Phaneuf) (SG-Social Science)
Term Health of the Green Bay, Lake Michigan Ecosystem (Michael Zorn) (SG-Social Science)
Production and economic evaluations of new technologies for raising yellow perch fingerlings-PI Hartleb (Christopher Hartleb) (SG-Aquaculture)
Web-based Tool for Predicting Coastal Structure/Shoreline Processes and Nearshore Habitat Interactions Due to Coastal Storms (Gene Clark) (NOS-CSC)
2013
Design and Development Recommendations for a Great Lakes Water Level Visualization Tool (David Hart) (EPA - GLRI (Great Lakes Restoration Initiative))
Jennifer Phillips_WI_Sea Grant Knauss Fellowship 2013 (James Hurley) (NOAA)
Sea Grant Aquaculture Extension: 2013 Workforce Education and Training for Environmentally and Economically Sustainable Great Lakes Aquaculture (Christopher Hartleb) (SG-Aquaculture)
2012
Climate Change Adaptation Initiative – 2012-2014 (Philip Moy) (SG-Climate)
Climate Change Impacts on Anuran Ecotoxicology in Great Lakes Ecosystems (William Karasov) (SG-Social Science)
Developing Land Intensity Data for the St. Louis River Estuary and Watershed in Minnesota and Wisconsin (David Hart) (SG-PD)
Great Lakes Coastal Storms Program - Outreach Coordinator - Coastal Hazards Planning and Mitigation (Philip Moy) (NOS)
2011
Climate Adaptation Implementation Assistance for Coastal Communities in Wisconsin and Minnesota (David Hart) (EPA)
Knauss Fellowship 2011, WI, Joseph Fillingham (Anders Andren) (OAR)
Program Development (ANDERS ANDREN) (OAR-SHIPTIME)
Program Management (ANDERS ANDREN) (SG-PD)
Fishing Tournament Organizers and Professional Anglers: Preventing the Spread of AIS by Extending AIS-HACCP and the Stop Aquatic Hitchhikers Campaign in the Great Lakes (PHILIP B. MOY) (SG-Invasives)
GIS-Based Analysis of Sustainable Domestic Aquaculture Development in Wisconsin (Christopher Hartleb) (SG-Aquaculture)
Urban Aquaculture - A Game Changer (FRED P. BINKOWSKI) (SG-Aquaculture)
2010
Assessment and Evaluation of the NOAA Climate Services Portal (Margaret Mooney) (OAR)
Advisory Services: Program Coordination, Field Offices and Specialists (JAMES HURLEY) (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
975	121,895

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

15,504

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

	Students		Degrees Awarded
	New	Continuing	
Undergraduate	96	42	0
MS/MA	31	42	19
PhD	24	38	8
Professional Degree	3	0	0

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

76,283

III. Collaborative Network Activities (relationships and coordination).

A. Program Partners by Scale

FEDERAL or NATIONAL

American Meteorological Society (AMS)
American Planning Association
American Society of Civil Engineers, Coastal Practice Team (ASCE, CPT)
American Society of Civil Engineers, Dredging Team (ASCE, DT)
American Waterways Operators
AmeriCorps
Apostle Islands National Lakeshore, National Park Service (US DOI, NPS)
Ashland Fishery Resources Office (US DOI, FWS)
Association of Public and Land-grant Universities
Baird and Associates
Bodin Fisheries
Boy Scouts of America (BSA)
Brigham and Women's Hospital
Buffalo District (DoD, Army, USACE)
Bureau of Indian Affairs (US DOI, BIA)
Chicago District (DoD, Army, USACE)
Chippewa Ottawa Resources Authority (CORA)
Coastal Services Center (US DOC, NOAA, NOS, CSC)
Consortium for Ocean Leadership
Detroit District (DoD, Army, USACE)
Discovery World at PIER Wisconsin
Divers Alert Network (DAN)
Federal Emergency Management Agency (US DHS, FEMA)
Great Lakes Environmental Research Laboratory (US DOC, NOAA, OAR, GLERL)
Great Lakes National Program Office (US EPA)
Green Bay Office (US DOI, FWS)
Habitat Solutions
Harvest Studio
Ho-Chunk Nation
Hydraulics Laboratory (DoD, Army, USACE)
JASON Project
Lake Superior National Estuary Research Reserve (US DOC, NOAA, NOS, NERRS)
Library of Congress
Los Alamos National Laboratory (US DOE)
Marine Advanced Technology Education Center
National BASS Federation
National Education Association Foundation
National Estuarine Research Reserve System (US DOC, NOAA, NOS, NERRS)
National Invasive Species Council (AIS)
National Marine Educators Association
National Marine Fisheries Service (US DOC, NOAA, NMFS)
National Oceanic and Atmospheric Administration (US DOC, NOAA)
National Park Service (US DOI, NPS)
National Professional Anglers Association
National Science Foundation (NSF)

National Sea Grant Office (US DOC, NOAA, OAR, NSGO)
National Weather Service (US DOC, NOAA, NWS)
National Weather Service, Los Angeles, CA (US DOC, NOAA, NWS)
National Wildlife Health Center (US DOI, USGS)
North Central Regional Aquaculture Center (USDA)
Office of National Marine Sanctuaries (US DOC, NOAA, NOS, ONMS)
Office of the President of the United States
Parametrix, Inc
Pentair Water Treatment, Pentair, Inc.
Pet Industry Joint Advisory Council
Region 5 (US EPA)
Schlitz Audubon Center
Sea Grant Association
Seagull Marina
Seger Fisheries
Sheboygan River Basin Partnership
Smith-Root, Inc.
Sturgeon for Tomorrow
Susie Q Fisheries
The Bass Federation
Thunder Bay National Marine Sanctuary and Underwater Preserve (US DOC, NOAA, NOS, ONMS)
Trust for Public Land
U.S. Senator Russ Feingold - Wisconsin
US Army Corps of Engineers (DOD, Army, USACE)
US Coast Guard (US DHS, USCG)
US Coast Guard Auxiliary (US DHS, USCG)
US Coast Guard Auxiliary Flotilla 5-6 (US DHS, USCG)
US Coast Guard Auxiliary Vessel Examinations (US DHS, USCG)
US Department of Agriculture (USDA)
US Department of Commerce (US DOC)
US Department of Transportation (US DOT)
US Environmental Protection Agency (US EPA)
US Fish and Wildlife Service (US DOI, FWS)
US Forest Service (USDA, USFS)
US Geological Survey (US DOI, USGS)
US National Park Service (US DOI, NPS)
Wildlife Forever
Winkelman Productions, Inc.
Policy and Constituent Affairs Division (US DOC, NOAA, NOS, PCA)

INTERNATIONAL

Agricultural University of Norway
Bird Studies Canada
Conservation Ontario
Department of Fisheries and Oceans, Canada
Ecological Monitoring and Assessment
Environment Canada
Fisheries and Oceans Canada (DFO)
Global Lake Ecological Observatory Network
Great Lakes Beach Association

Institut Superieur Agricole de Beauvais
Instituto de Catalisis y Petroleoquimica, Campus de Cantoblanco, Madrid, Spain
Instituto Tecnologico de Veracruz (Mexico)
International Aquaponics Association
International Coastal Atlas Network
Julius Kuhn-Institut
Korea University
Lake Carriers Association
Miller Brewing Co., Milwaukee
Ontario Ministry of Natural Resources
The Nature Conservancy of Wisconsin (TNC)
University Consortium for Geographic Information
University Corp. for Atmospheric Research
Uppsala University
Vilnius University (Lithuania)

LOCAL

16th Street Community Health Center
Algoma City Department of Recreation
Allied Drive Learning Center
AMI Consulting Engineers
Apostle Islands Sport Fisherman Assn.
Arizona State University
Ashland City Engineer
Ashland County
Bayfield County
Bay-Lake Regional Planning Commission
Brown County Land and Water Conservation Department
Brown County, Wis.
Carlton County, Minnesota
Centerville Cares, Manitowoc, Wis.
Centro Hispano
Chequamegon Bay Area Partnership
Chicago Department of the Environment
Chicago Metropolitan Water Reclamation District of Greater Chicago
City of Ashland
City of Au Train, Mich.
City of Bayfield, WI
City of Duluth, MN
City of Green Bay, WI
City of Manitowoc, WI
City of Milwaukee, WI
City of Port Washington, WI
City of Racine, WI
City of Sheboygan, WI
City of Superior, WI
City of Washburn, WI
Clinton Middle School
Cooperative Educational Service Area 6
Department of Public Health for Madison and Dane County

Dockside Fish Market
Door County Maritime Museum
Door County, WI
Douglas County, WI
Duluth Port Authority
East Central Wisconsin Regional Planning Commission
Eco Modeling
Eden Gardens, Living Waters, Muskegon Heights, Mich.
Ephraim, Village of
Escuela Verde
Fallen Timbers Environmental Center
Fernwood Middle School
Fish Creek, Village of
Fond du Lac Band Natural Resources Department
Forestville, Town of
Fort Fremont Marine
Fox River Navigation System Authority
Fox-Wolf Watershed Alliance
Freedom High School, Freedom, Wis.
Friends of the Apostle Islands
Friends of the Fox River
Friends of the Manitowoc River Watershed
Friends of the State Parks
Friends of Wind Point Lighthouse
Gardner, Town of
Great Lakes Ecological Services
Green Bay Metropolitan Sewerage District, Wis.
Green Bay Port Authority
Groundwork Milwaukee
Hospital Concepcion, Mayaguez, PR
Hospital Perea, Mayaguez, PR
Iron County
Jacksonport Historical Society
Kenosha City Parks
Kenosha Public Museum
Kewaunee City Parks
Kingdom Animalia Exotic Animal Rescue
Lake Michigan Stakeholders
Lakefront Brewery
Lakeshore and Lower Fox River Basin Partnerships
Liberty Grove, Town of
Los Angeles County Natural History Museum
Madeline Island Historical Museum
Madison School and Community Recreation (MSCR) Safe Haven Program
Madison Wisconsin School District
Manitowoc Maritime Museum
McKinley Marina
Metropolitan Water Reclamation District of Greater Chicago
Milwaukee County Division of Emergency Management (Mil. DEM)

Milwaukee County Parks Department
Milwaukee Kayak Company
Milwaukee Metropolitan Sewerage District
Milwaukee Public Museum
Milwaukee Public School System
Milwaukee Riverkeeper
Milwaukee Riverwalk
Neptune Nimrods Dive Club
Neville Public Museum, Green Bay, Wis.
NEW Water
Oconto County 4-H
Oneida Nation of Indians
Oshkosh Public Museum
Outagamie County, WI
Outagamie Museum, Appleton, WI
Outpost Natural Foods
Ozaukee County
Point Beach State Forest
Port of Indiana
Port Washington, WI City Parks and Recreation
Princess Marissa Charters, Port Washington
Racine City Parks
Red Cliff Band of Lake Superior Chippewa Indians
River Edge Nature Center
Riveredge Nature Center
Rogers Street Fishing Village
Saint Louis County
Salmon Specialists
Save Our Rice Alliance
Seafood Center
Sheboygan City Parks Division
Sheboygan County (WI)
Shedd Aquarium
South Shore Park Watch
Southeast Wisconsin Watershed Trust (Sweet Water)
St. Croix Chippewa Indians
St. Croix Marina
St. Norbert College
Superior Port Director
Superior Public Museums
Two Rivers City Parks
Union, Town of
University of Wisconsin, Green Bay
University of Wisconsin, Manitowoc
University of Wisconsin-Madison Science Alliance
Urban Farm Project
Van's Catch Sportfishing, Port Washington
Vilas County
Vilas County Land and Conservation

Village of Egg Harbor Municipal Marina, Bayfield City Dock
Village of Sister Bay
Vincent High School, Milwaukee
Warren Pinnacle Consulting
Washburn Marina
Washburn Public Schools
Washington Island, Wis.
Water Action Volunteers
Wauwatosa Public Schools
Wauwatosa Recreational Department, Wis.
Will Allen Farms LLC
Willy Street Co-op

REGIONAL

Alliance for the Great Lakes
Bay Renaissance
Blue Iris Fish Farm
Brown County Port Authority
Cabela's Master Walleye Circuit
Caribbean Marine Research Center
Center for Great Lakes Environmental Education
Center for Great Lakes Literacy
Council of Great Lakes Governors
Erie-Western Port Authority
Federation of Great Lakes Sport Fishing Clubs
Fund for Lake Michigan
Great Lakes Commission
Great Lakes Fishery Commission (GLFC)
Great Lakes Fishery Commission, Lake Superior Technical Committee (GLFC)
Great Lakes Indian Fish and Wildlife Commission (GLIFWC)
Great Lakes Institute for Environmental Research
Great Lakes Observing System (GLOS)
Great Lakes Protection Fund
Great Lakes Research Consortium
Great Lakes Sea Grant Network
Great Lakes Shipwreck Preservation Society
Great Lakes Shipwreck Research Foundation
Great Lakes Shipwrecks Research Foundation, Inc.
Great Lakes Sport Fishing Council
Herrick Foundation, Michigan
Inland Seas School of Expeditionary Learning
Lake Michigan Car Ferry Company
Lake Michigan Lakewide Management Plan Forum
Lake Michigan Monitoring Coordinating Council
Lake Sturgeon Bowl, Great Lakes WATER Institute (UWM)
Lake Superior National Estuarine Research Reserve
Lake Superior Research Institute
Midwest Partners in Amphibian and Reptile Conservation
Milwaukee Talent Dividend, Greater Milwaukee Committee
Milwaukee Water Council

Minnesota Lake Superior Basin Team
Northeast Wisconsin Stormwater Consortium
Northland College
Northwest Wisconsin Regional Planning Commission
Port of Duluth
Port of Superior
Racine Public Health Department
Science, Corvallis, Ore.

STATE

Abbey Marina, Lake Geneva, Wis.
AquaFauna Bio-Marine, Inc. Hawthorne, Ca.
Association of Floodplain Managers, Madison, Wis.
Avery Point campus administration, University of Connecticut (UConn)
Badgerland Resource Conservation and Development Council
Bell Aquaculture, Albany, Ind.
Bemidji State University
Bowling Green State University (BGSU)
Carroll College
Center and Quarterdeck
Central Michigan University (CMICH)
Clean Wisconsin
Coolwater Farms, Deerfield, Wis.
Ecosystem Based Management Tools Network (EBM)
Emory University
Fox Brothers Charters, Port Washington
Gaslight Pointe Marina, Racine, Wis.
Gathering Waters, Milwaukee
Growing Power, Milwaukee and Chicago
Harbor Centre Marina, Sheboygan, Wis.
Harrington Beach State Park, Belgium
Harvard School of Public Health
Hunger Task Force, Milwaukee
Illinois-Indiana Sea Grant
Illinois Coastal Management Program
Illinois Department of Natural Resources (IL DNR)
Illinois Environmental Protection Agency
Illinois Marine Towing, Lemont, Ill.
Illinois Natural History Survey (IL NHS)
Illinois State Geological Survey (IL SGS)
Indiana Coastal Management Program
Indiana Department of Environmental Management (IL DEM)
Indiana Department of Natural Resources (ID DNR)
Iowa Department of Natural Resources (IA DNR)
Jerry's Dock, Shawano, WI
Kindra Marine, Chicago
Kohler-Andrae State Park, Sheboygan
Lake Champlain Sea Grant
Lakeshore Towers Marina, Racine, Wis.
Lawrence University

Loyola University Chicago (LUC)
Marine Biological Laboratory (MBL, WHOI)
Marquette University
Material Service Corp., Chicago
Michigan Coastal Management Program (MDEQ)
Michigan Department of Environmental Quality (MI DEQ)
Michigan Department of Natural Resources (MI DNR)
Michigan Department of Transportation (MDOT)
Michigan Sea Grant
Michigan Small Harbors Coalition
Michigan State University (MSU)
Michigan Technological University (MTU)
Minnesota Board of Water and Soil Resources
Minnesota Department of Natural Resources (MN DNR)
Minnesota Department of Transportation (MN DOT)
Minnesota Pollution Control Agency (MN PCA)
Minnesota Sea Grant
Mississippi River Basin Panel on Aquatic Nuisance Species (ANS)
Nestegg Marine, Marinette, Wis.
NEW North, De Pere, Wis.
New York Sea Grant
New York State Department of Environmental Conservation (NY DEC)
Newport State Park, Ellison Bay
North Carolina State University (NCSU)
Ohio Department of Natural Resources (OH DNR)
Ohio Sea Grant
Ohio State University (OSU)
Oregon Coastal Zone Management Association (OR CZMA)
Oregon State University (OSU)
Penn State University (PSU)
Pennsylvania Department of Environmental Protection (PA DEP)
Pennsylvania Sea Grant
Pikes Bay Marina, Bayfield, Wis.
Racine Riverside Marine
Racine Yacht Club
Skipper Bud's Marinas (Harbor Club, Reefpoint, Yacht
South Bay Marina, Green Bay, WI
Southeastern Wisconsin Regional Planning Commission
Southport Marina, Kenosha, Wis.
Southshore Yacht Club, Milwaukee
Star Prairie Trout Farm, Star Prairie, Wis.
State University of New York, Brockport (SUNY)
State University of New York, Oswego (SUNY)
Sweet Water Organics, Milwaukee
University of Florida (UF)
University of Georgia, Marine Institute (UGA)
University Of Illinois, Urbana-Champaign (UI)
University of Maine (UMaine)
University of Miami (UM)

University of Michigan Department of Naval Architecture and Marine Engineering (UM)
University Of Minnesota, Duluth (UMD)
University of New Hampshire (UNH)
University of North Carolina, Chapel Hill (UNC)
University of Notre Dame (ND)
University of Puerto Rico Medical School (UPR)
University of South Carolina (USC)
University of South Florida (USF)
University of Vermont (UVM)
University of Wisconsin Digital Collections
University of Wisconsin, Center for Great Lakes Studies and Great Lakes Water Institute (UW)
University Of Wisconsin, Center Manitowoc County (UW)
University of Wisconsin, Cooperative Extension (UW)
University Of Wisconsin, Extension (UW)
University of Wisconsin, Great Lakes WATER Institute (UW)
University of Wisconsin, Green Bay Cofrin Biodiversity Center (UW)
University of Wisconsin, La Crosse River Studies Center (UW)
University of Wisconsin, Madison (UW)
University of Wisconsin, Madison Arboretum (UW)
University of Wisconsin, Madison Center for Limnology (UW)
University of Wisconsin, Madison Department of Urban and Regional Planning (UW)
University of Wisconsin, Madison Gaylord Nelson Institute for Environmental Studies (UW)
University of Wisconsin, Madison Libraries (UW)
University of Wisconsin, Madison School of Business (UW)
University of Wisconsin, Madison Special Purpose Libraries Group (UW)
University Of Wisconsin, Marinette (UW)
University of Wisconsin, Milwaukee (UWM)
University of Wisconsin, Milwaukee Center for International Education (UWM)
University of Wisconsin, Milwaukee Continuing Education (UWM)
University of Wisconsin, Milwaukee Geosciences Department (UWM)
University of Wisconsin, Milwaukee Great Lakes WATER Institute (UWM)
University of Wisconsin, Milwaukee Jason Project (UWM)
University of Wisconsin, Oshkosh (UWOSH)
University of Wisconsin, School of Library and Information Studies (UW)
University of Wisconsin, Stevens Point (UWSP)
University of Wisconsin, Superior (UWS)
University of Wisconsin, Water Resources Institute (UW)
West Shore Marine, Racine, Wis.
Western Michigan University (WMU)
Whitefish Dunes State Park, Sturgeon Bay
Wisconsin Academy of Sciences, Arts and Letters
Wisconsin Alumni Association
Wisconsin Aquaculture Association
Wisconsin Biodiversity Project
Wisconsin Boating Law Administrator
Wisconsin Commercial Ports Association
Wisconsin Department of Administration, Coastal Management Program
Wisconsin Department of Agriculture, Trade and Consumer Protection (WI WIDA)
Wisconsin Department of Health Services (WI DHS)

Wisconsin Department of Natural Resources (WI DNR)
Wisconsin Department of Natural Resources, Ashland Office (WI DNR)
Wisconsin Department of Public Instruction
Wisconsin Department of Tourism
Wisconsin Department of Transportation (WI DOT)
Wisconsin Environmental Education Board
Wisconsin Extension
Wisconsin Green Industry Association
Wisconsin Harbor Towns Association
Wisconsin Historical Society
Wisconsin Initiative on Climate Change Impacts
Wisconsin Lake Superior Basin Team
Wisconsin Libraries Delivery Network
Wisconsin Marina Association
Wisconsin Maritime Museum
Wisconsin River Alliance
Wisconsin Sea Grant
Wisconsin State Cartographer's Office
Wisconsin State Laboratory of Hygiene
Wisconsin Underwater Archaeology Association
Wisconsin Veterinary Diagnostic Laboratory
Woods Hole Oceanographic Institution Sea Grant (WHOI)
Yale University

Tribal

Bad River Tribe of Lake Superior Chippewa
Fond du Lac Band of Lake Superior Chippewa
Menominee Indian Tribe of Wisconsin

Unknown

Esri
Fish and Wildlife Service
Four County Land and Water Departments (Douglas-Bayfield-Ashland-Iron counties, Wis.)
Living Adventures
Medical College Of Wisconsin
National Weather Service
Sixteenth Street Community Health Center
Trek Trail
Urban Ecology Center
Wisconsin Department of Natural Resources

Unknown2

JJR Engineering
Kulpa Fisheries
Madison JASON Schools and Partners

B. Source and Amount of Leveraged Funds (2010-2013)	
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Amounts	Year			
Source	2010	2011	2012	2013
Managed	\$256,324	\$415,912	\$396,466	\$391,677
Association of Floodplain Managers, Madison, Wis.		\$22,005		
Great Lakes Observing System (GLOS)	\$36,355			
Illinois-Indiana Sea Grant		\$42,144	\$120,691	\$21,052
Michigan Sea Grant	\$30,096	\$30,934	\$23,859	\$22,479
Minnesota Sea Grant		\$100,315	\$9,749	\$48,666
National Oceanic and Atmospheric Administration (US DOC, NOAA)		\$119,753		
Ohio Sea Grant			\$22,615	\$9,696
University Of Illinois, Urbana-Champaign (UI)	\$23,611			
University Of Minnesota, Duluth (UMD)	\$144,671			
US Department of Transportation (US DOT)			\$16,954	
US Environmental Protection Agency (US EPA)			\$61,421	\$147,410
Wisconsin Department of Natural Resources (WI DNR)		\$100,761	\$141,177	\$142,374
Wisconsin Marina Association	\$21,591			