

# MN Sea Grant Program

## Site Review PIER Information

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

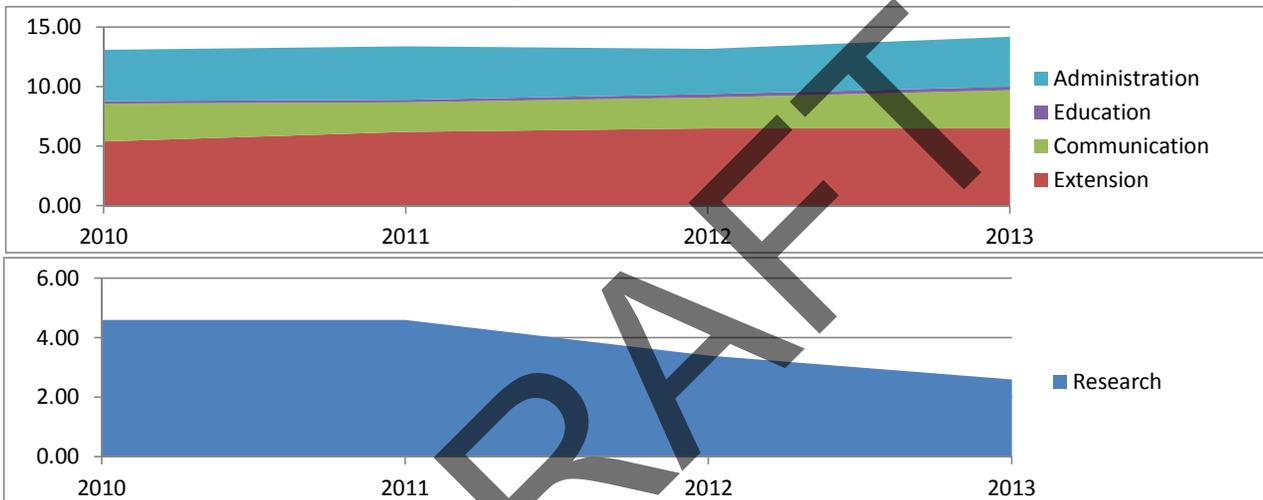
### I. Program Management and Organization (organization, program team approach, support).

#### A. Sea Grant Staffing (2010-2013)

	Range of Annual Number of Individuals	Average Annual Full-Time Equivalents*
<b>Administration</b>	5-6	4.3
<b>Extension</b>	6-11	6.1
<b>Communication</b>	3-6	2.9
<b>Education</b>	1	0.2
<b>Research</b>	24-29	3.8

\*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)**

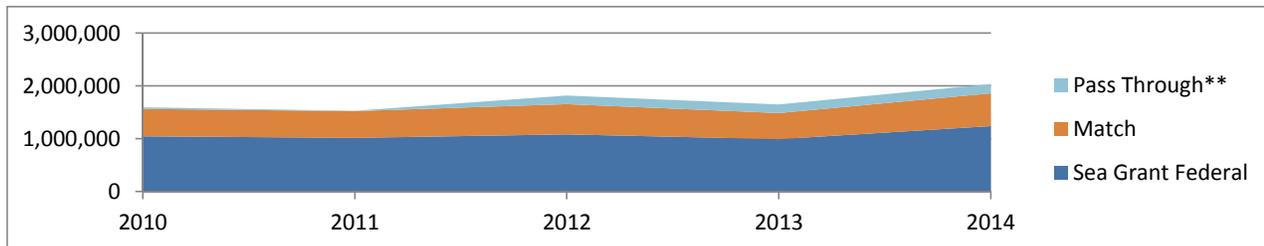


#### B. Total Funding by Source (2010-2014)

	Sea Grant Federal	Match	Pass Through**	Total Funding
<b>2010</b>	1,046,200	523,099	25,000	1,594,299
<b>2011</b>	1,016,200	510,900	2,800	1,529,900
<b>2012</b>	1,085,700	568,652	165,447	1,819,799
<b>2013</b>	993,027	496,514	161,500	1,651,041
<b>2014</b>	1,239,355	619,678	176,951	2,035,984

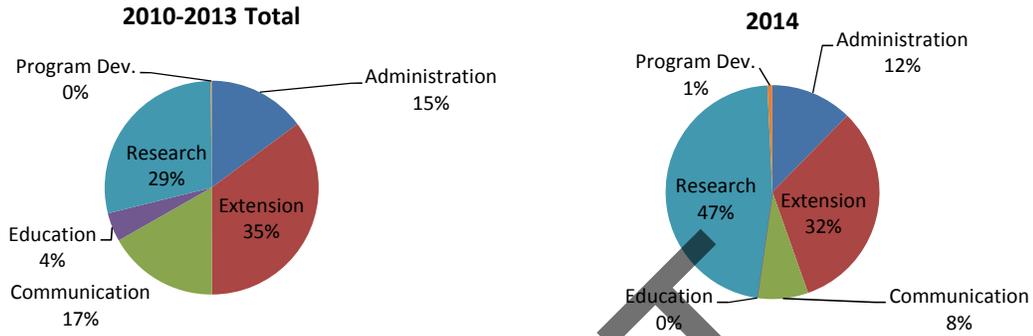
\*\* Pass Through funding refers to federal funds not appropriated to Sea Grant, but administered through the National Sea Grant Office

**Funding by Year (2010-2013)**

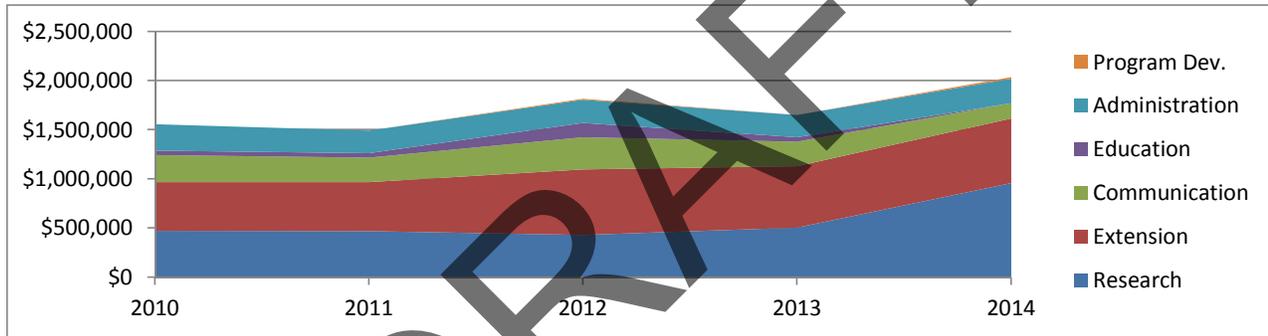


**C. Distribution of Funding by Functional Area (Federal + Match + Pass Through)**

	2010	2011	2012	2013	2014
Administration	270,591	230,619	236,753	226,792	250,399
Extension	496,691	499,260	665,713	627,901	657,877
Communication	273,351	248,236	328,616	246,587	156,145
Education	44,737	45,632	144,546	47,476	0
Research	471,179	468,403	429,921	502,285	956,363
Program Dev.	0	0	9,500	0	15,200



**Trend (2010-2014)**



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

	2011	2013
Pre-Proposals Submitted	18	18
Full Proposals Submitted	12	17
Proposals Funded	5	6
Institutions with Proposals Funded	7	6
Proposals Funded from Home Institution	5	6

**E. Core-Funded Research Projects**

**2014**

A Metagenomics-Based Approach to Determine sources of Fecal Bacteria in Lake Superior Watershed and

Building Climate Readiness in Nature-Based Tourism-Dependent Coastal Communities (Dr. Mae

Factor Contributing to Community Resilience in Extreme Climatic Conditions (Courtney Kowalczak)

Long-term aquatic conditions to inform delisting efforts on the St. Louis River (Dr. Euan D. Reavie)

Research Assistanships (Jeffrey L Gunderson)

The biogeochemical habitat of wild rice (Dr. John Pastor)

Intergrative social and hydrologic models for enhanced resiliency of coastal communities under extrme

**2012**

Fine-scale Characterization of Corrosion Tubercles to Refine a Risk Assessment Tool that Predicts Loss of

Foraging Mechanisms and Interactions between Siscowet, Kiyi, and Deepwater Sculpin (Thomas Hrabik)

Gonadal Deformities in Smallmouth Bass as Indicators of Endocrine Disruption in the St. Louis River

Landscape Regulators of Biogeochemical Pattern and Process in the St. Louis River Estuary (Jacques

What Feeds Lake Superior Food Webs? A multi-isotope Investigation (Elizabeth Minor)

**2010**

A Whole-Lake Assessment of Long-Term Human Impacts in Lake Superior (Reavie, Euan)

Feeding the Deep: Interdependencies Between the Vertically Migrating Deep Water Fauna and the Deep

Chlorophyll Layer in Lake Superior (Guildford, Stephanie)

Prevalence and Persistence of Indigenous Enterococci Growing in the Soils and Sands of Great Lakes

Research Assistantship (Gunderson, J.)

Stressor Gradients and Spatial Narratives of the St. Louis River Estuary (Host, George)

Program Development (Gunderson, J.)

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**F. NSI, Pass-through, and enhancement funds**

**2014**

Climate (Jesse Schomberg) (SG-Climate)

Intergrative social and hydrologic models for enhanced resiliency of coastal communities under extreme weather events (Geogre Host) (SG-Social Science )

Using Social Science to Assist Local Governments in Coastal Hazard Preparedness and Resiliency Planning (Jesse Schomberg) (NOS-CSC)

**2013**

Duluth Community Resilience and Green Infrastructure: Description of Local Liaison Role to Support Economic Assessment of Flood Impacts in Duluth, MN (Jeffrey L. Gunderson) (EPA - GLRI (Great Lakes Restoration Initiative))

Great Lakes Restoration Initiative (GLRI) Coordiantion for Coastal Residents and Communities (Jeffrey L. Gunderson) (EPA - GLRI (Great Lakes Restoration Initiative))

**2012**

Brooke White MN Sea Grant Knauss Fellowship 2012 (Jeffrey L. Gunderson) (Department of Energy )

Climate Change Challenges - Tools for Vulnerability Assessments and Integration of Adaptation Goals and Strategies into Local Plans (Jeffrey L. Gunderson) (SG-Climate)

Great Lakes Coastal Weather, Water, and Beach Safety Forecasts and Products for Recreational Users and Coastal Residents (Jeffrey L. Gunderson) (NOS)

Leah Sharpe MN Sea Grant Knauss Fellowship 2012 (Jeffrey L. Gunderson) (NMFS)

**2011**

Ship Time - Minnesota Sea Grant (Cindy Hagley) (OAR-SHIPTIME)

**2010**

Climate Change and Stormwater Adaptation (Jeff Gunderson) (SG-Climate)

Ecology of Lake Superior Conference Publications (Unreported PI) (EPA)

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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
979	53,017

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

3,912
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C. **Students Supported (2010-2013)**

	Students		Degrees Awarded
	New	Continuing	
Undergraduate	71	23	9
MS/MA	19	30	13
PhD	3	7	4
Professional Degree	0	0	0

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

32,410
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### III. Collaborative Network Activities (relationships and coordination).

#### A. Program Partners by Scale

##### FEDERAL or NATIONAL

American Culinary Federation  
American Engineering and Testing  
American Society of Limnology and Oceanography (ASLO)  
Aquaculture Demonstration Facility  
Carlson Media  
Center of Excellence for Great Lakes and Human Health (US DOC, NOAA, OAR, GLERL, CEGLHH)  
Centers for Ocean Sciences Education Excellence (COSEE)  
Clean Marina Program  
Coastal Services Center (US DOC, NOAA, NOS, CSC)  
Environmental Effects Research Laboratory (US EPA)  
Estuarine Reserve Division (US DOC, NOAA, NOS, ERD)  
Grand Portage Band of Chippewa  
Grand Portage National Monument (US DOI, NPS)  
Great Lakes Aquarium  
Great Lakes Environmental Research Laboratory (US DOC, NOAA, OAR, GLERL)  
Great Lakes National Program Office (US EPA)  
Izaak Walton League  
Lake Superior National Estuary Research Reserve (US DOC, NOAA, NOS, NERRS)  
Maritime Administration (US DOT, MARAD)  
Mid-Continent Ecology Division (US EPA)  
National Geographic Society  
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 Professional Angler Association  
National Professional Anglers Association  
National Weather Service, Duluth, MN (US DOC, NOAA, NWS)  
National Wildlife Federation (NWF)  
Naval Research Laboratory  
NOAA  
NOAA Coastal Storms Program  
North America Media Group  
North Central Regional Aquaculture Center (USDA)  
Northeast-Midwest Institute  
Pet Industry Joint Advisory Council  
Region 5 (US EPA)  
Sea Grant Association  
Sea Grant Climate Network  
Superior National Forest (USDA, FS)  
The Bass Federation  
Transport Canada  
US Army Corps of Engineers (DOD, Army, USACE)  
US Coast Guard (US DHS, USCG)  
US Coast Guard Auxiliary (US DHS, USCG)

US Department of Agriculture (USDA)  
US Department of Energy (US DOE)  
US Department of Interior (US DOI)  
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)  
West Central Bait  
Wildlife Forever

**INTERNATIONAL**

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Association of Natural Resource Extension Professionals  
Canadian Green Marine Program  
Canadian Ship Owners Association  
Canadian St. Lawrence Seaway Management Corporation  
FedNav  
Fisheries and Oceans Canada (DFO)  
Freshwater Society  
Great Lakes and St. Lawrence Cities Initiative  
International Association of Great Lakes Research  
International Great Lakes Ports Association  
International Joint Commission  
International Maritime Organization  
Lake Superior Binational Program  
Murray-Darling Basin Authority Australia  
Ontario Federation of Hunters and Anglers  
Ontario Ministry of Natural Resources  
Parks Canada  
St. Lawrence Seaway Development Corporation  
The Nature Conservancy (TNC)  
Trout Unlimited

**LOCAL**

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A.H. Zeppa Foundation  
Afton Marina  
AMI Consulting Engineers, P.A.  
Appold Design  
Architecture Advantage  
Arrowhead Builder's Association  
Arrowhead Regional Development Commission  
Arrowhead Water Quality Team  
Association of Marina Industries  
Barr Engineering  
Bayport Marina  
Big Sandy Lake Association  
Boreal Natives  
Botanical Designs with Barbara  
Chris Benson Photography  
Christie Printing Company  
City of Cloquet  
City of Duluth, MN

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City of Duluth, MN Environmental Advisory Council  
City of Duluth, MN Fire Department  
City of Duluth, MN Housing and Redevelopment Authority  
City of Duluth, MN School District  
City of Duluth, MN Utilities  
City of Hermantown, MN  
City of Proctor, MN  
City of Proctor, MN School District  
City of Superior, MN Waste Water Treatment Plant  
City of Superior, WI  
Cleveland-Cuyahoga County Port Authority  
Cloquet High School  
College of Exploration  
Cook County Coalition of Lake Associations  
Cook County, MN Soil and Water Conservation District  
CR Planning  
Desotelle Consulting  
Dockside Fish Market  
Douglas County Lake Association  
Duluth Boat Club  
Duluth Energy Efficiency Program (DEEP)  
Duluth League of Women Voters  
Duluth Local Initiatives Support Corporation (LISC)  
Duluth Superior Sailing Association  
Duluth YMCA  
Duluth, MN Parks and Recreation Department  
EnviroScience  
FI Salter  
Finnecut Productions  
Flathead Lake Association  
Fond du Lac Band Natural Resources Department  
Fond du Lac School District  
Frabill, Inc.  
Friends of the Mississippi River  
Glacier Park Boat Company  
Great Expectations Charter School  
Great Lakes Shipping News  
Green Bay Port Authority  
Gustavus Adolphus College  
Harbor City International School  
Hartley Nature Center  
Hennepin County Parks and Recreation  
Hubbard County, MN Coalition of Lake Associations  
Hub's Landing and Marina  
Illinois Coastal Zone Management  
Jamar  
KUMD Green Visions  
Lake Cabin Tackle  
Lake Minnewashta Preservation Association

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Lake Seven Lake Association  
Lake Superior Days Planning Committee  
Lake Superior Magazine  
LHB, Inc.  
Lincoln Bait  
Living Green Conference  
Lower South Long Lake Improvement Association  
Lower South Long Lake Improvement District  
Metropolitan Council  
Midwest Energy  
Mille Lacs County, MN Soil and Water Conservation District  
Minneapolis Park and Recreation Board  
Minnehaha Creek Watershed District  
Minnesota Townships Midway  
Minnesota Townships Rice Lake  
Minnesota Trout Association  
Moccasin Telegraph  
Nettleton Magnet Elementary School  
North Fork Crow River Watershed District  
North Long Lake Association  
Northland Newscenter  
One.D Design  
Osher Lifelong Learning Institute  
Oshki Ogimaag  
Partners in Education, GLA  
Pelican Lake Property Owners Association  
Port Authority of Oswego  
Propeller Club of America  
Ramsey Washington Metro Watershed District  
Red Pebble Design  
Rice Creek Watershed District  
River Quest Planning Committee  
Rockvam Boat Yards  
Sauk River Soil and Water Conservation District  
Seaway Port Authority of Duluth  
Sigurd Olson Environmental Institute  
Smith Partners  
Soil and Water Conservation Districts (many counties)  
Sportsman's Club of Lake Vermillion  
St. Anthony Falls Laboratory  
St. Croix Aquatic Invasive Species Task Force (AIS)  
St. Croix Marina  
St. Louis River Citizens Action Committee  
Sugarloaf Environmental Center  
Tall Ships Festival  
The Fish Guys  
Township of Duluth, MN  
Twin Ports Freshwater Folks  
Two Harbors Rotary

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United Northern Sportsmens Club  
University of Minnesota, College of Continuing Education (UMN)  
University of Minnesota, Department of Civil Engineering (UMN)  
University of Minnesota, Department of Soil, Water, and Climate (UMN)  
University of Minnesota, Duluth, Center for Freshwater Research and Policy (UMD)  
University of Minnesota, Duluth, Data Visualization and Imaging Lab (UMD)  
University of Minnesota, Duluth, Department of Communications (UMD)  
University of Minnesota, Duluth, KUMD radio program (UMD)  
University of Minnesota, Duluth, School of Business (UMD)  
University of Minnesota, Duluth, Stormwater Pollution and Prevention Plan Steering Committee (UMD)  
University of Minnesota, Duluth, University for Seniors (UMD)  
Village of Oliver  
Village of Superior  
VisitDuluth.com  
Vista Fleet - River Quest  
Wagner Zaun Architects  
Western Lake Superior Sanitary District  
White Iron Chain of Lakes Association  
Windmill Marina  
Woodland Hills Academy  
WTIP Radio Grand Marais

**REGIONAL**

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1854 Treaty Authority  
AIS-HACCP  
American Great Lakes Ports Association and Its Members  
Becker County Soil and Water Conservation District  
Cabela's Master Walleye Circuit  
Cabin Life Magazine  
Canon River Watershed Partnership  
Center for Great Lakes Literacy  
Cook County Invasives Team  
Cooperative Institute of Limnology and Ecosystems Research  
Crown Managers Partnership  
Environmental Association for Great Lakes Education  
Erie-Western Port Authority  
Extension and Universities in OH  
Extension and Universities in OR  
Fish Smart Minnesota Zoo  
Great Lakes AIS Education Stewardship Network  
Great Lakes Commission  
Great Lakes Cruising Coalition  
Great Lakes Education Collaborative  
Great Lakes Fishery Commission (GLFC)  
Great Lakes Fleet, Inc.  
Great Lakes Indian Fish and Wildlife Commission (GLIFWC)  
Great Lakes Maritime Research Institute (GLMRI)  
Great Lakes Observing System Regional Alliance  
Great Lakes Panel on Aquatic Nuisance Species (ANS)  
Great Lakes Protection Fund

Great Lakes Region Maritime Administration  
Great Lakes Regional Collaboration (GLRC)  
Great Lakes Regional Research and Information Network (GLRRIN)  
Great Lakes Research and Outreach Consortium  
Great Lakes Restoration Initiative (US EPA)  
Great Lakes Sea Grant Network  
Great Lakes Surf Rescue Project  
Great Lakes United  
Great Lakes Worm Watch  
Habitattitude Campaign  
Harbor Technical Advisory Committee  
Healing Our Waters Alliance  
Introduced Species and Genotypes - IGERT Program  
Lake and Ponds Association of Western MN  
Lake Carrier's Association  
Lake Pulaski Improvement District  
Lake Superior Aquatic Invasive Species Prevention Task Force  
Lake Superior Association of Muskies  
Lake Superior Steelhead Association  
League of Cities  
Midwest Invasive Plant Network  
Mills Fleet Farm Kid's Fishing Appreciation Day  
Minneapolis/St. Paul Magazine  
Minnesota Lake Superior Coastal Program  
Mississippi River Watershed Management Organization  
MNWIISC Conference  
Nab the Aquatic Invaders  
North Shore Management Board  
Northland College  
Northland Non-Point Education for Municipal Officials (NEMO)  
Northland Red Cross  
Ottertail County Crow Wing County Lakes and Rivers Alliance  
Regional Stormwater Protection Team  
Sauk River Watershed District  
Save Lake Superior Association  
Sea Grant Coastal Community Development Group  
South St. Louis County Soil and Water Conservation District  
St. Louis County  
St. Louis River Alliance  
Stop Aquatic Hitchhikers! Campaign  
U.S. Great Lakes Maritime Task Force and Its Member Groups  
University of Minnesota Extension Pesticide Safety and Environmental Education Program (UMN)  
University of Minnesota, Clean Energy Resource Team (UMN)  
University of Minnesota, Extension for Food, Agricultural and Natural Resouces Sciences (UMN, EFANS)  
University of Minnesota, Extension for Woodland Advisors (UMN)  
University of Minnesota, Extension Shoreland Education Program (UMN)  
University of Minnesota, Institute on the Environment (UMN)  
Vadnais Lakes Area Water Management Organization  
Washington Conservation District

Western Lake Superior Trollers Association  
Western Regional Panel on Aquatic Nuisance Species (ANS)  
Wolf Ridge Environmental Learning Center

**STATE**

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AIS Stakeholder Team/MNDNR  
American Institute of Architects, MN Chapter  
Clean Water Action Alliance of Minnesota  
College of Science and Engineering University of Minnesota  
College of St. Scholastica  
Dartmouth College  
Geographic Alliance of Minnesota  
Illinois-Indiana Sea Grant  
Illinois Department of Natural Resources (IL DNR)  
Indiana Department of Natural Resources (ID DNR)  
Iowa Department of Natural Resources (IA DNR)  
Iowa State University (ISU)  
Lake Champlain Sea Grant  
Lake Superior College  
Lake Superior State University (LSSU)  
Lake Superior Zoo  
Large Lakes Observatory  
Large Lakes Observatory (UMD), University of Minnesota, Duluth  
Legislative Commission on Minnesota Resources  
Michigan Coastal Management Program (MDEQ)  
Michigan Department of Environmental Quality (MI DEQ)  
Michigan Department of Natural Resources (MI DNR)  
Michigan Sea Grant  
Michigan State University (MSU)  
Michigan State University County Extension Offices (MSU)  
Michigan Technological University (MTU)  
Minnesota Aquaculture Association  
Minnesota Association of County Agricultural Inspectors  
Minnesota Association of Extension Educators  
Minnesota Board of Water and Soil Resources  
Minnesota Conservation Corps  
Minnesota Counties - 30 of 87 counties  
Minnesota Department of Agriculture (MDA)  
Minnesota Department of Health (MN DOH)  
Minnesota Department of Natural Resources (MN DNR)  
Minnesota Department of Natural Resources MinnAqua Program  
Minnesota Department of Transportation (MN DOT)  
Minnesota DNR Invasive Species Education Planning Committee  
Minnesota Environmental Partnership (MN EPA)  
Minnesota Erosion Control Association  
Minnesota Fish and Bait Farmers  
Minnesota Invasive Species Advisory Council (AIS)  
Minnesota Master Naturalist Program  
Minnesota Monthly Magazine  
Minnesota Nursery and Landscape Assn.

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Minnesota Nursery and Landscape Association  
Minnesota Pollution Control Agency (MN PCA)  
Minnesota Power  
Minnesota Sea Grant  
Minnesota Waters  
MN Resort and Campground Association  
Montana Fish, Wildlife and Parks (MT FWP)  
National Sea Grant Law Center  
New Jersey Sea Grant  
New York Sea Grant  
Ohio Sea Grant  
Ohio State University (OSU)  
Oregon Sea Grant  
Pennsylvania Department of Environmental Protection (PA DEP)  
Pennsylvania Sea Grant  
Purdue University  
Science Museum of Minnesota  
State University Of New York, Syracuse (SUNY)  
University of Connecticut (UCONN)  
University of Maryland, Biology Department (UMD)  
University of Michigan (UM)  
University Of Minnesota (UMN)  
University of Minnesota Alumni Association  
University Of Minnesota Duluth  
University Of Minnesota Duluth, Large Lakes Observatory (UMN)  
University Of Minnesota Duluth, Natural Resources Research Institute (UMN)  
University of Minnesota Extension Service (UMN)  
University of Minnesota, Department of Ecology, Evolution, and Behavior (UMN)  
University of Minnesota, Department of Fisheries, Wildlife, and Conservation Biology (UMN)  
University of Minnesota, Department of Horticulture Science (UMN)  
University of Minnesota, Duluth  
University Of Minnesota, Duluth (UMD)  
University of Minnesota, Duluth, Biology Department (UMD)  
University of Minnesota, Duluth, Communicator's Forum (UMD)  
University of Minnesota, Duluth, Education Department (UMD)  
University of Minnesota, Duluth, Facilities Management (UMD)  
University of Minnesota, Duluth, Natural Resources Research Institute (UMD)  
University of Minnesota, Duluth, Outdoor Program, Bagley Nature Center (UMD)  
University of Minnesota, Institute for Social, Economic and Ecological Sustainability (UMN)  
University of Minnesota, Invasion Biology Research Consortium (UMN)  
University of Minnesota, James Ford Bell Museum of Natural History (UMN)  
University of Minnesota, Water Resources Center (UMN)  
University of MN Alumni Association  
University of MN Duluth  
University of MN Extension Service  
University of Notre Dame (ND)  
University of Wisconsin, Center for Great Lakes Studies and Great Lakes Water Institute (UW)  
University of Wisconsin, Cooperative Extension (UW)  
University of Wisconsin, Madison (UW)

University of Wisconsin, Madison Gaylord Nelson Institute for Environmental Studies (UW)  
University of Wisconsin, Milwaukee (UWM)  
University of Wisconsin, Stevens Point (UWSP)  
University of Wisconsin, Superior (UWS)  
University of Wisconsin, Water Resources Institute (UW)  
Wisconsin Department of Administration, Coastal Management Program  
Wisconsin Department of Natural Resources (WI DNR)  
Wisconsin Department of Natural Resources, Ashland Office (WI DNR)  
Wisconsin Department of Transportation (WI DOT)  
Wisconsin Invasive Species Council  
Wisconsin Sea Grant

**Unknown**

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City of Duluth  
Environmental Initiative  
Grand Portage National Monument (US DOI, NPS)  
Illinois Coastal Zone Management  
Lake Superior National Estuary Research Reserve  
Large Lakes Observatory (UMD)  
Large Lakes Observatory (UMN)  
MN Department of Natural Resources  
MN Lake Superior Coastal Program  
MN Pollution Control Agency  
National Non-point Education for Municipal Officials (NEMO)  
National Weather Service  
National Weather Service, Duluth, MN (US DOC, NWS)  
Natural Resources Research Institute  
Natural Resources Research Institute (UMD)  
Natural Resources Research Institute (UMN)  
Stormwater Pollution and Prevention Plan Steering Committee (UMD)  
The Natures Conservancy  
Univerisy of Minnesota, Duluth  
US EPA Mid Continent Research Laboratory  
Wisconsin Sea Grant  
Wolf Ridge Environmental Learning Center  
Duluth, MN (US DOC, NOAA, NWS)  
Great Lakes Maritime Research Institute (GLMRI)  
MN Fire Department

**Unknown2**

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B. Source and Amount of Leveraged Funds (2010-2013)	
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<b>Amounts</b>	<b>Year</b>			
<b>Source</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Managed</b>	<b>\$2,045,853</b>	<b>\$541,598</b>	<b>\$383,849</b>	<b>\$247,767</b>
Minnesota Lake Superior Coastal Program		\$5,000		
National Oceanic and Atmospheric Administration (US DOC, NOAA)	\$128,411	\$30,000	\$120,631	
National Park Service (US DOI, NPS)	\$37,000	\$32,000	\$34,000	\$32,000
NOAA				\$197,648
University of Minnesota Extension Service (UMN)	\$52,208	\$49,598		
University of Minnesota, Extension for Food, Agricultural and Natural Resources Sciences (UMN, EFANS)			\$49,598	
US Army Corps of Engineers (DOD, Army, USACE)			\$16,480	
US Department of Interior (US DOI)	\$1,555,234			
US Environmental Protection Agency (US EPA)	\$198,000	\$425,000	\$163,140	\$18,119
US Fish and Wildlife Service (US DOI, FWS)	\$75,000			
<b>Influenced</b>	<b>\$140,000</b>	<b>\$535,000</b>	<b>\$500,000</b>	<b>\$400,000</b>
Great Lakes Restoration Initiative (US EPA)		\$400,000	\$400,000	\$400,000
Legislative Commission on Minnesota Resources	\$100,000	\$100,000	\$100,000	
US Environmental Protection Agency (US EPA)	\$40,000	\$35,000		

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