

# LC Sea Grant Program

## Site Review PIER Information

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

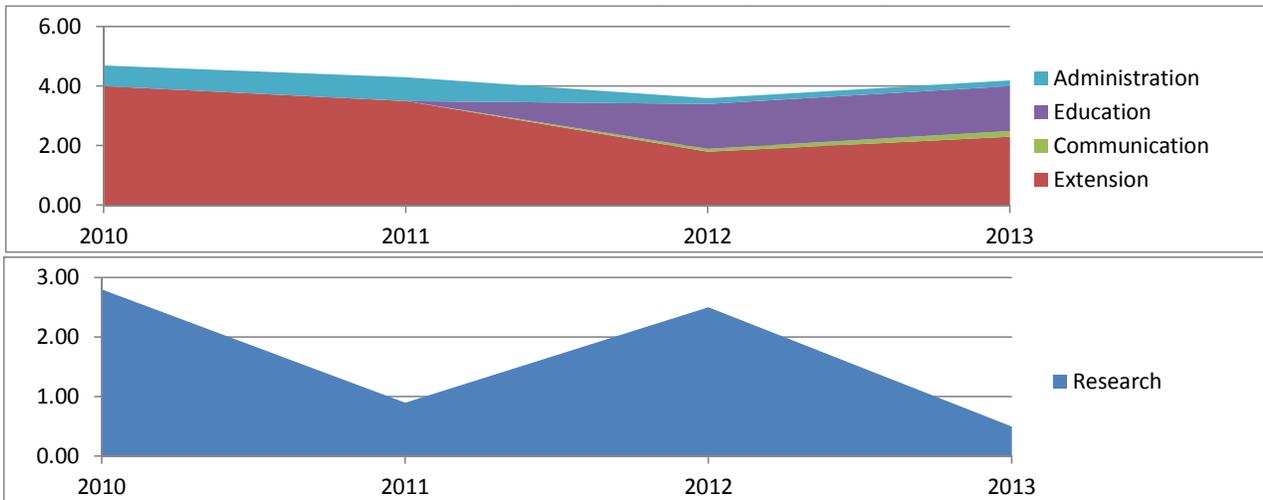
### I. Program Management and Organization (organization, program team approach, support).

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

	Range of Annual Number of Individuals	Average Annual Full-Time Equivalents*
<b>Administration</b>	1-6	0.5
<b>Extension</b>	3-13	3.3
<b>Communication</b>	0-1	0.1
<b>Education</b>	0-10	1.0
<b>Research</b>	3-11	1.7

\*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)**

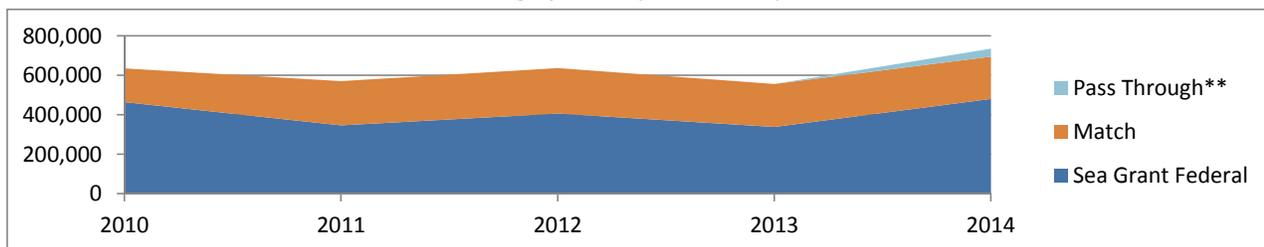


#### B. Total Funding by Source (2010-2014)

	Sea Grant Federal	Match	Pass Through**	Total Funding
<b>2010</b>	465,000	170,234	0	635,234
<b>2011</b>	347,000	224,592	0	571,592
<b>2012</b>	407,000	230,142	0	637,142
<b>2013</b>	338,966	217,167	0	556,133
<b>2014</b>	480,477	215,000	40,000	735,477

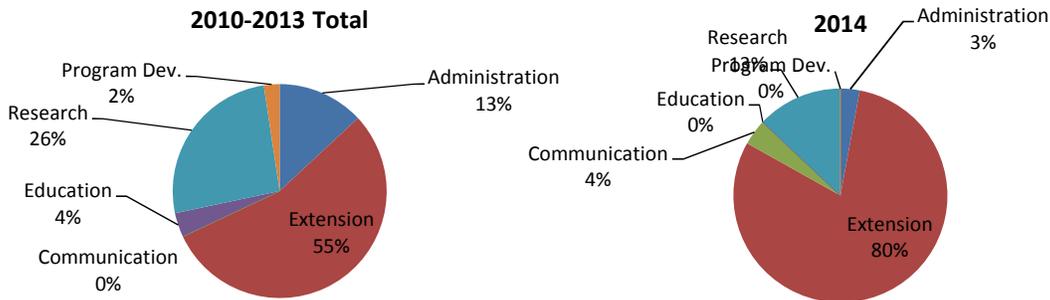
\*\* Pass Through funding refers to federal funds not appropriated to Sea Grant, but administered through the National Sea Grant Office

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

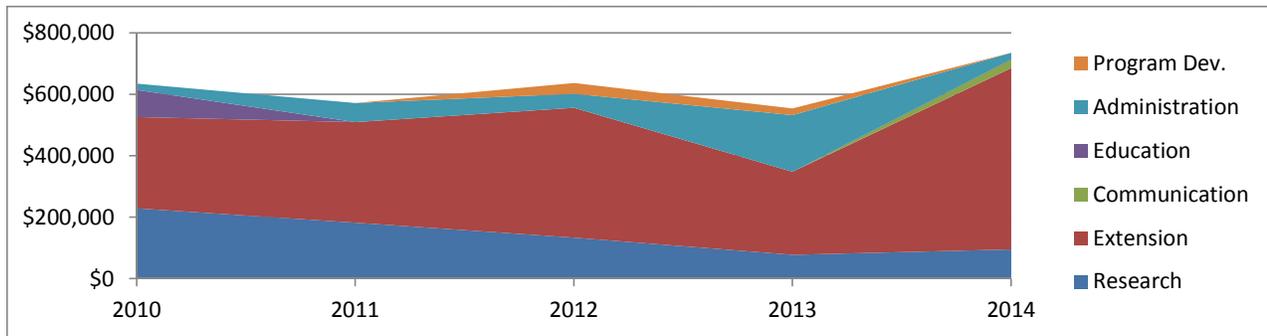


**C. Distribution of Funding by Functional Area (Federal + Match + Pass Through)**

	2010	2011	2012	2013	2014
Administration	21,518	61,760	45,802	184,014	21,339
Extension	297,350	327,821	422,300	270,588	590,207
Communication	0	0	0	0	28,838
Education	88,000	0	0	0	0
Research	228,366	182,011	133,659	77,538	95,093
Program Dev.	0	0	35,381	21,827	0



**Trend (2010-2014)**



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

	2011	2013
Pre-Proposals Submitted	0	1
Full Proposals Submitted	2	0
Proposals Funded	1	0
Institutions with Proposals Funded	1	0
Proposals Funded from Home Institution	1	0

<b>E. Core-Funded Research Projects</b>
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<b>2014</b>
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Analysis of sediments, nutrients, and greenhouse gases associated with green stormwater infrastructure (Stephanie Hurley)
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<b>2012</b>
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ADAPTING TO CLIMATE CHANGE WITH LOW IMPACT DEVELOPMENT STORMWATER MANAGEMENT IN THE LAKE CHAMPLAIN BASIN (Stephanie Hurley)
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LAKE CHAMPLAIN SEA GRANT PROJECT DEVELOPMENT (Unreported PI)
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<b>2010</b>
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EVALUATION OF THE CHAMPLAIN CANAL AS A CURRENT VECTOR FOR INVASIVE SPECIES (J. Ellen Marsden)
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NON-NATIVE ALEWIFE AND NATIVE RAINBOW SMELT IN LAKE CHAMPLAIN (Donna Parrish)
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STRATEGIES TO INCREASE COVER CROPPING AND IMPROVE WATER QUALITY (Heather Darby)
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<b>F. NSI, Pass-through, and enhancement funds</b>
<b>2014</b>
Climate Extension (Jurij Homziak) (SG-Climate)
Resilience Residency; Building climate change planning capacity in Lake Champlain Basin towns (Jurij Homziak) (NOS-CSC)
<b>2012</b>
Climate Change project (Unreported PI) (SG-Climate)
<b>2010</b>
COASTAL COMMUNITIES ADAPT TO CLIMATE CHANGE (Unreported PI) (SG-Climate)
ML CAMPBELL LCSG KNAUSS FELLOWSHIP 2010 (Unreported PI) (SG-FEL-KNAUSS)
S ROUSH LCSG KNAUSS FELLOWSHIP 2010 (Unreported PI) (SG-FEL-KNAUSS)

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
201	8,721

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

556
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C. **Students Supported (2010-2013)**

	Students		Degrees Awarded
	New	Continuing	
Undergraduate	23	14	1
MS/MA	0	2	3
PhD	3	1	0
Professional Degree	2	0	0

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

5,741
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### III. Collaborative Network Activities (relationships and coordination).

#### A. Program Partners by Scale

##### FEDERAL or NATIONAL

Cooperative State Research, Education and Extension Service (USDA, CSREES)  
Missisquoi National Wildlife Refuge  
National Sea Grant College Program (US DOC, NOAA, OAR, NSGCP)  
National Sea Grant Office (US DOC, NOAA, OAR, NSGO)  
Natural Resources Conservation Service (USDA, NRCS)  
Region 1 (US EPA)  
River Network  
US Environmental Protection Agency (US EPA)  
Vermont Cooperative Fish and Wildlife Research Unit (US DOI, USGS)  
Imbrium Systems, Inc.

##### LOCAL

Arcana Greenhouse  
Brook Street Family Literacy Center  
Burlington Board of Health  
Burlington City Department of Public Works  
Burlington Community Sailing Center  
Burlington Department of Parks and Recreation  
Central Vermont Academy  
Central Vermont Catholic School  
Central Vermont Regional Planning Commission  
Champlain College  
Chittenden County Regional Stormwater Education Program  
City of Burlington, VT  
City of Plattsburgh, NY  
City of South Burlington, VT  
City of St Albans, VT  
ECHO Lake Aquarium & Science Center  
Franklin County Natural Resources Conservation District  
Franklin County Watershed Association  
Friends of Burlington Community Gardens  
Friends of the Mad River  
Friends of the Winooski River  
Grand Isle County Natural Resources Conservation District  
Hanover Garden Club  
Hilltop Montessori  
Homespun Hands On Homeschoolers  
Lake Carmi Watershed Association  
Lake Hortonia Home Owners Association  
Lake St. Catherine's Home Owners Association  
Lamoille County Natural Resources Conservation District  
Lewis Creek Association  
Long Trail School  
Mettawee Community School  
Missisquoi River Basin Association  
Northwest Regional Planning Commission (NRPC)

Northwoods Nature Center  
On the Rise Bakery  
Open Path Homeschooling Group  
Otter Creek Natural Resources Conservation District  
Plattsburgh North Country Chamber of Commerce  
Poultney Mettowee Watershed Partnership  
Poultney-Mettowee Natural Resources Conservation District  
Project SOAR  
Rubenstein Ecosystem Science Laboratory  
Rutland Natural Resources Conservation District  
Shelburne Farms  
St. Albans Area Watershed Association  
Town of Plainfield, VT  
Town of St. Albans  
Town of Worcester, VT  
Vermont Organics Reclamation  
Websterville Baptist Christian Middle/High School  
Williston Central School  
Winooski Natural Resources Conservation District  
Winooski Valley Park District

#### **REGIONAL**

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Great Lakes Sea Grant Network  
Lake Champlain Basin Program (LCBP)  
Lake Champlain Chapter of Trout Unlimited  
Lake Champlain Committee (LCC)  
Maine Nonpoint Education for Municipal Officials (ME NEMO)  
New England Interstate Water Pollution Control Commission (NEIWPCC)  
Northeast Aquatic Nuisance Species Panel (NEANS)  
Northeast Regional Aquaculture Center (NRAC)  
Northeastern Regional IPM Center  
The University of Vermont Upward Bound  
Vermont EPSCoR

#### **STATE**

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Champlain Basin Education Initiative  
City of Rutland, VT  
Community College of Vermont  
Cornell Cooperative Extension  
Cornell University  
Green Lawn Coalition  
Green Mountain College (GMC)  
Illinois-Indiana Sea Grant  
Lake Champlain Research Institute (LCRI) at the State University of New York (SUNY) Plattsburgh  
Lake Champlain Sea Grant  
Lintilhac Foundation  
Maine Cooperative Extension Service  
Marlboro College  
Master Gardener Program of Vermont  
New York BASS Federation (NY)  
New York Cooperative Extension, Cornell

New York Sea Grant  
New York State Canal Corporation  
New York State Department of Environmental Conservation (NY DEC)  
Purdue University  
Stone Environmental, Inc.  
The Nature Conservancy, Vermont Chapter (TNC)  
U.S. Senator Patrick Leahy - Vermont  
University of Connecticut, Cooperative Extension (UCONN)  
University of Illinois  
University of New Hampshire, Cooperative Extension (UNH)  
University of Rhode Island (URI)  
University of Vermont (UVM)  
University of Vermont (UVM) - Extension  
University of Vermont Department of Plant and Soil Sciences (UVM PSS)  
University of Vermont, Department of Education (UVM)  
University of Vermont, Master Gardener (UVM)  
University of Vermont, Rubenstein School of Environment and Natural Resources (UVM, RSENR)  
Vermont Agency of Agriculture  
Vermont Agency of Natural Resources  
Vermont Association of Conservation Districts  
Vermont Association of Planning and Development Agencies  
Vermont Department of Environmental Conservation, Water Quality Division  
Vermont Department of Fish and Wildlife  
Vermont Department of Forests, Parks, and Recreation  
Vermont Institute of Natural Science (VINS)  
Vermont League of Cities and Towns  
Vermont Project WET  
Vermont Public Schools  
Vermont Technical College  
Vermont Youth Conservation Corps (VYCC)  
Woodside Juvenile Rehabilitation Center  
YWCA of Vermont  
Vermont Business Environmental Partnership  
Vermont Department of Environmental Conservation (VT DEC)  
Vermont Water Resources and Lake Studies Center

**Unknown**

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Safer Pest Control Project

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>Managed</b>	<b>\$172,043</b>	<b>\$108,083</b>	<b>\$20,000</b>
Lake Champlain Basin Program (LCBP)	\$44,310		
National Sea Grant College Program (US DOC, NOAA, OAR, NSGCP)	\$29,359		
US Environmental Protection Agency (US EPA)	\$57,015	\$108,083	
Vermont Agency of Natural Resources	\$12,000		
Vermont Department of Forests, Parks, and Recreation			\$20,000
Wisconsin Sea Grant	\$29,359		
<b>Influenced</b>	<b>\$6,000</b>		
Lake Champlain Basin Program (LCBP)	\$6,000		