

# GA Sea Grant Program

## Site Review PIER Information

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

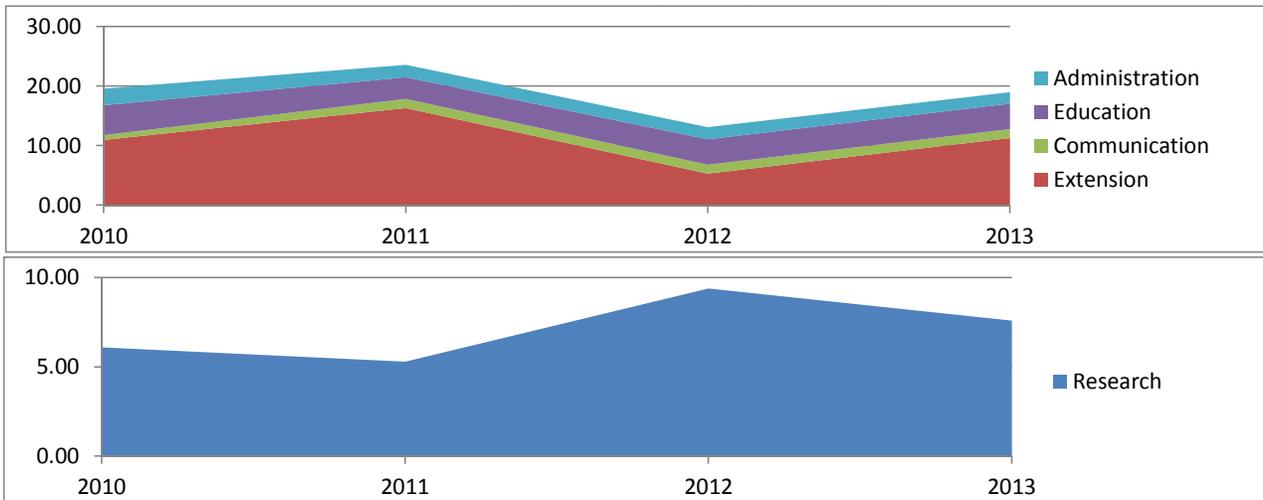
### I. Program Management and Organization (organization, program team approach, support).

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

	Range of Annual Number of Individuals	Average Annual Full-Time Equivalents*
<b>Administration</b>	4-6	2.2
<b>Extension</b>	8-21	10.9
<b>Communication</b>	2-3	1.4
<b>Education</b>	4-5	4.3
<b>Research</b>	20-26	7.1

\*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)**

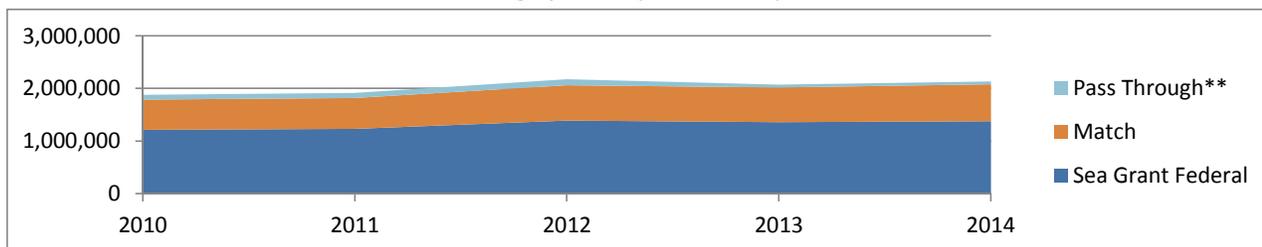


#### B. Total Funding by Source (2010-2014)

	Sea Grant Federal	Match	Pass Through**	Total Funding
<b>2010</b>	1,212,671	577,936	88,000	1,878,607
<b>2011</b>	1,232,200	588,006	96,000	1,916,206
<b>2012</b>	1,387,957	677,652	110,000	2,175,609
<b>2013</b>	1,359,861	660,955	52,500	2,073,316
<b>2014</b>	1,380,538	700,499	56,500	2,137,537

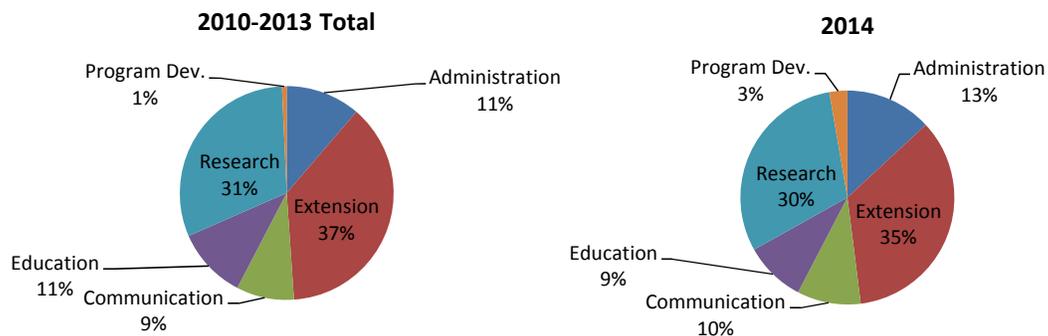
\*\* Pass Through funding refers to federal funds not appropriated to Sea Grant, but administered through the National Sea Grant Office

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

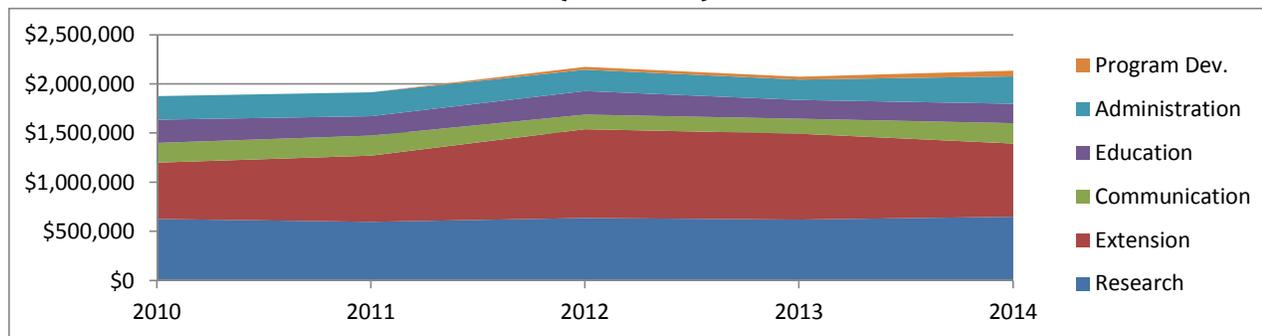


**C. Distribution of Funding by Functional Area (Federal + Match + Pass Through)**

	2010	2011	2012	2013	2014
Administration	240,978	244,483	217,755	204,571	279,600
Extension	571,365	674,836	904,971	874,068	746,237
Communication	200,099	203,869	147,695	153,158	205,982
Education	237,999	195,999	239,901	192,612	198,442
Research	628,166	597,019	635,260	619,635	648,766
Program Dev.	0	0	30,027	29,272	58,510



**Trend (2010-2014)**



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

	2011	2013
Pre-Proposals Submitted	18	22
Full Proposals Submitted	9	9
Proposals Funded	7	6
Institutions with Proposals Funded	3	3
Proposals Funded from Home Institution	4	3

<b>E. Core-Funded Research Projects</b>
<b>2014</b>
Black Gill Disease in Georgia Shrimp: Causes, Distribution and Transmission (Marc Frischer)
Can the Local Food Movement Be an Opportunity For Georgia Seafood Producers to Participate in the Inland Seafood Market? (Tracy Yandle)
Coastal Georgia Regional Wastewater Planning (Laurie Fowler)
Planning for Competitive Port Expansion on the U.S. Eastern Seaboard: The Case of the Savannah Harbor Expansion Project (SHEP). (Stephen Ramos)
Future Competitive Funding: a submission to the National Sea Grant College Program 2014 Special Projects competition (Charles S. Hopkinson)
Evaluation of a turtle excluder device (TED) design for use in the cannonball jellyfish fishery operating in Georgia's territorial waters. (David Stasek)
<b>2012</b>
Estuarine Response to Land and Water Use Changes and Development at the Georgia Coast (Renato Castelao)
Natural Hazards, Amenities, and Landuse: A Participatory Approach for Visualizing Resilient Coastal Communities (Warren Kriesel)
Paleotempestology of Coastal Georgia: A Study of Spatial and Temporal Variability of Hurricane Activity along the Coast of Georgia (Lawrence Kiage)
Reconstructing Georgia's Hurricane Record: A 260-year GIS Database of Coastal Impact (Brian Bossak)
Understanding social attitudes and prioritizing geo-spatial risks for climate adaptation outreach in coastal Georgia (Jason Evans)
Program Development (Charles Hopkinson)
SPATIO-TEMPORAL ASSESSMENT OF TIDAL INLET AND STREAM MOVEMENTS AND THEIR INFLUENCE ON COASTAL VULNERABILITY (Chester Jackson)
<b>2010</b>
Experimental Oyster Reefs to Improve Coastal Water Quality (Marsha Black)
Modeling Spatial and Temporal Land Use Patterns in Coastal Georgia (Kurt Schnier)
Stakeholder Involvement: A Multi-Methodological Approach to Determining the Factors that Affect Quality, Satisfaction and Impact of Public Participation in Coastal Policy Making. (Courtney Tobin)
Using ecosystem services to evaluate future development scenarios in coastal Georgia (Ronald Carroll)
Using landscape interfaces and ecological activity to determine zones of influence on tidal marshes by upland development in Georgia Using landscape interfaces and ecological activity to determine zones of influence on tidal marshes by upland Using landscape interfaces and ecological activity to determine zones of influence on tidal marshes by upland (Jeb Byers)
COASTAL ECOSYSTEM HEALTH & EDUCATION NEMO (Lisa Liguori)
Georgia Coastal Research Council (MERRYL ALBER)
Program Development (Charles Hopkinson)

**F. NSI, Pass-through, and enhancement funds****2014**

Community Planning for Sea Level Rise, Flooding and Storm Surge (Charles Hopkinson) (SG-Climate)

2014 Knauss Fellow (Victoria Ramenzoni) (Charles Hopkinson) (NOAA-PPI)

Future Competitive Funding: a submission to the National Sea Grant College Program 2014 Special Projects competition (Charles S. Hopkinson) (SG-Social Science )

**2013**

Implementing Comprehensive Community Planning in St. Marys, GA and Hyde County, NC (Charles Hopkinson) (SG-Climate)

Knauss Fellowship - Carrie Givens (Charles S. Hopkinson) (DEPT. OF INTERIOR)

NOAA Ship Time 2012 (Charles Hopkinson) (OAR-SHIPTIME)

MARINE ADVISORY (KEITH GATES) (SG-Climate)

Improving Inundation Forecasts through Post-storm Assessments (Charles Hopkinson) (SG-Regional)

**2012**

Guidance for Identification of Local Vulnerability to Hazards and Climate Change Impacts in the Southeast and Caribbean Region (Charles Hopkinson) (SG-Climate)

Guidance for Identification of Local Vulnerability to Hazards and Climate Change Impacts in the Southeast and Caribbean Region (Charles Hopkinson) (SG-Regional)

Knauss Fellowship - Katherine Segarra (Charles Hopkinson) (NAVY)

Knauss Fellowship - Sonya Compton (Charles Hopkinson) (OAR)

Social Science Initiative 2012 (Charles Hopkinson) (SG-Social Science )

Tybee Island, GA – Developing a 50-year Climate Adaptation Plan for a Highly Vulnerable Barrier Island Community (Charles Hopkinson) (SG-Climate)

**2011**

Knauss Fellowship - Ben Carswell (Dr. Charles S. Hopkinson) (NOS)

NOAA Ship Time 2011 (Charles Hopkinson) (OAR-SHIPTIME)

**2010**

2010 Knauss Fellowship-Galen Kaufman (Charles Hopkinson) (EPA)

2010 Knauss Fellowship-Wendy Morrison (Charles Hopkinson) (NMFS)

Enhancing capacity for climate engagement in the southeast and Caribbean regions of the United States (Charles Hopkinson) (SG-Climate)

Towards Open Discussions of Climate Change and Adaptation in the GA Coastal Zone: Use of an Energy Efficient CoastScapes Demonstration Site to Introduce Coastal Citizens, Leaders and Developers to Sustainable Community Practices and the Hazards of Climate Change (Keith Gates) (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
350	78,470

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

4,601
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C. **Students Supported (2010-2013)**

	Students		Degrees Awarded
	New	Continuing	
Undergraduate	25	9	2
MS/MA	37	13	10
PhD	30	14	5
Professional Degree	3	1	0

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

56,257
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### III. Collaborative Network Activities (relationships and coordination).

#### A. Program Partners by Scale

##### FEDERAL or NATIONAL

ACE Basin National Estuarine Research Reserve (US DOC, NOAA, NOS, NERRS)  
Adopt-a-Wetlands  
Albemarle-Pamlico National Estuary Program (US EPA, NEP)  
American Academy of Family Physicians  
American Association of Clinical Endocrinologists  
American Association of Diabetes Educators  
American College of Emergency Physicians  
American College of Gastroenterology  
American Gastroenterological Association  
American Nurses Association  
Boy Scouts of America (BSA)  
Coastal Model Development Center (US DOC, NOAA, NESDIS, NODC, NCDDC)  
Coastal Services Center (US DOC, NOAA, NOS, CSC)  
Cumberland Island National Seashore  
Federal Emergency Management Agency (US DHS, FEMA)  
Federal Law Enforcement Training Center  
Fort Stewart  
Gray's Reef National Marine Sanctuary, Skidaway Island, GA (US DOC, NOAA, NOS, ONMS)  
Guana Tolomato Matanzas National Estuarine Research Reserve (US DOC, NOAA, NOS, NERRS)  
Interstate Shellfish Sanitation Conference (ISSC)  
Jekyll Island 4-H Center  
Kings Bay Naval Base, Georgia  
Low Impact Development Center  
National Aeronautics and Space Administration (NASA)  
National Fisheries Institute (NFI)  
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 Weather Service (US DOC, NOAA, NWS)  
National Wildlife Refuge System (US DOI, FWS)  
NOAA Geodetic Survey  
NOAA SECART  
Okefenokee Wildlife Refuge  
Phytoplankton monitoring network  
Quality Seafood  
Region 4 (US EPA)  
Sapelo Island National Estuarine Research Reserve (US DOC, NOAA, NOS, NERRS, SINERR)  
Society of Emergency Medicine Physician Assistants  
Soil and Water Conservation Society  
US Army Corps of Engineers (DOD, Army, USACE)  
US Department of Agriculture (USDA)  
US Department of Commerce (US DOC)  
US Department of Energy (US DOE)

US Environmental Protection Agency (US EPA)  
US Fish and Wildlife Service (US DOI, FWS)  
US Food and Drug Administration (US HHS, FDA)  
US Forest Service (USDA, USFS)  
US Geological Survey (US DOI, USGS)

**INTERNATIONAL**

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Association of Food and Drug Officials (AFDO)  
International Association for Food Protection  
Ocean Conservancy  
Phillips Seafoods  
Rich Sea Pak Corporation  
SafeOysters.Org  
Sea Watch International  
Sierra Club  
Tetra Tech, India  
Tetra University  
The Association of Zoos and Aquariums (AZA)  
The Nature Conservancy (TNC)  
University of Calcutta

**LOCAL**

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Association County Commissioners of Georgia (ACCG)  
Athens Clarke County Schools  
Atlanta Regional Commission  
Big Oak Seafood  
Brantley County  
Brunswick Library  
Brunswick-Glynn County Development Authority  
Brunswick-Glynn County Joint Water and Sewer Commission  
Brunswick-Glynn County Library  
Bryan County  
Burbank Trawls and Sportnets  
Burton 4-H  
Camden County  
Camden County 4-H  
Chatham County  
Chatham County Chatham County - Savannah Metropolitan Planning Commission  
Chatham County Cooperative Extension and Master Gardeners  
Chatham County Schools  
Child Development Lab McPhaul Center  
City of Brunswick  
City of Darien, CT  
City of Kingsland, Georgia  
City of St. Marys, Georgia  
Coastal Wildscapes  
Columbia County  
Darien YMCA  
Effingham County Public Schools  
Erickson and Jensen Shrimp Company  
Frederica Academy

Friends of Sapelo  
Georgia Graves, naturalist  
Georgia Ports Authority  
Georgia Sea Turtle Center  
Glynn County 4-H Advisory Council  
Glynn County Beekeepers Committee/Farm Bureau  
Glynn County Engineering  
Glynn County Government  
Glynn Environmental Coalition  
Golden Isles Convention & Visitors Bureau  
Gordons Net Shop  
Gwinnett County  
Gwinnett County Department of Public Utilities  
Habersham County Cooperative Extension Service  
Ida Hilton Library  
Jekyll Island Authority  
Jekyll Island Driftwood Nature Center and 4-H Facility  
Keep Brunswick-Golden Isles Beautiful  
Kirby Kids Fossil Museum  
Little Cumberland Island Homeowners Association  
Louisiana Department of Health and Hospitals (LA)  
McIntosh County  
Ossabaw Oyster Company  
Ricky's Coast to Coast Nets  
S & S Trawls  
Sapelo Seafood  
Satilla Riverkeeper  
Savannah Music Festival  
Sea Oats Garden Club  
Spatking Oysters  
St. Marys Earthkeepers  
St. Simons Christian Montessori School  
Trico Shrimp Company  
Tybee Island  
Xerces Society for Invertebrate Conservation

**REGIONAL**

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Altamaha Riverkeeper  
American Society of Landscape Architects (ASLA)  
Center for Sustainable Coast, Georgia  
Coastal Georgia Audubon Society  
Coastal Georgia Regional Development Center  
Coastal Regional Development Agency  
Georgia Climate and Society Initiative  
Governors' South Atlantic Alliance  
Gulf and South Atlantic Fisheries Foundation  
Initiative to Protect Jekyll Island  
Southeast Atlantic Marine Debris (SEA-MD)  
Southeast Georgia Health Center  
Southern Shrimp Alliance

## STATE

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Alabama Department of Public Health (ADPH)  
Alaska Marine Safety Education Association  
Armstrong Atlantic State University (AASU)  
Brown University (BROWN)  
Butler University  
California Sea Grant  
Carl Vison Institute of Government (UGA)  
Center for Farm Financial Management, UMN  
Center for Invasive Species, UGA  
Clemson University  
Coastal Advisory Council (GA DNR, CAC)  
Coastal Carolina University (CCU)  
Coastal Georgia Resiliency Communities Practicum  
Coastal Health District  
College of Coastal Georgia  
Delaware Department of Natural Resources and Environmental control (DE DNREC)  
East Carolina University (ECU)  
Emory University  
Environmental Sciences and Technologies, Inc.  
Florida Fish and Wildlife Conservation Commission (FL FWC)  
Florida Sea Grant  
Garden Club of Georgia  
Georgia Academy of Family Physicians  
Georgia Association of marine Educators  
Georgia Association for Food Protection  
Georgia Association of Food Protection  
Georgia Association of Stormwater Management Agencies  
Georgia Coastal Education Group (GCEG)  
Georgia Coastal LTER  
Georgia Coastal Regional Commission  
Georgia Coastal Research Council  
Georgia College and State University (GCSU)  
Georgia Conservancy  
Georgia Department of Community Health  
Georgia Department of Agriculture  
Georgia Department of Community Affairs  
Georgia Department of Community Affairs (GA DCA)  
Georgia Department of Natural Resources (GA DNR)  
Georgia Department of Natural Resources, Coastal Resources Division (GA DNR, CRD)  
Georgia Department of Transportation  
Georgia Division of Public Health (GA DHR)  
Georgia Emergency Management Agency  
Georgia Environmental Protection Division (GA EPD)  
Georgia Environmental Protection Division, Coastal Branch (GA EPD)  
Georgia Exotic Pest Plant Council  
Georgia Food Safety & Defense Task Force  
Georgia Forestry Commission  
Georgia Institute of Technology

Georgia Marine Businesses Association  
Georgia Power  
Georgia Public Schools  
Georgia Public Shrimp Council  
Georgia Restaurant Association  
Georgia Sea Grant  
Georgia Shellfish Growers Association  
Georgia Shrimp Association  
Georgia Soil & Water Commission  
Georgia Soil and Water Commission  
Georgia Soil and Water Conservation Society  
Georgia Southern University (GSU)  
Georgia State Botanical Garden  
Georgia State University (GSU)  
Georgia Wildlife Federation  
Glynn County Health Department  
Green Scene of Coastal Georgia  
Indiana University (IU)  
Louisiana Sea Grant  
Louisiana State University (LSU)  
Marquette University  
Massachusetts Institute of Technology Sea Grant (MIT)  
Mississippi State University (MSState)  
Mississippi-Alabama Sea Grant Consortium  
Missouri Milk, Food, & Environmental Health Association  
North Carolina Aquariums  
North Carolina Department of Environment and Natural Resources (NC DENR)  
North Carolina Department of Marine Fisheries  
North Carolina Sea Grant  
Ohio State University (OSU)  
Puerto Rico Sea Grant  
Rhode Island Sea Grant  
Savannah State University  
Skidaway Institute of Oceanography  
South Carolina Department of Agriculture  
South Carolina Department of Health and Environmental Control (SC DHEC)  
South Carolina Department of Natural Resources (SC DNR)  
South Carolina Sea Grant Consortium  
South Carolina Seafood Alliance  
South Carolina Shrimpers Association  
State University of West Georgia  
Super Trawl, Rhode Island  
Texas Association for Food Protection  
Texas Sea Grant  
Texas Shrimp Association  
UGA Marine Institute  
University of California Press (UC)  
University of California, Davis (UCD)  
University of Connecticut CLEAR

University of Florida (UF)  
University of Georgia (UGA)  
University of Georgia Marine Extension Service (UGA)  
University of Georgia Press  
University of Georgia Public Affairs  
University of Georgia Research Foundation (UGA)  
University of Georgia, Marine Extension Service  
University of Georgia, Marine Institute (UGA)  
University Of Houston (UH)  
University of Massachusetts, Dartmouth  
University of Minnesota, Center for Farm Financial Management  
University of New England (UNE)  
University of North Carolina, Wilmington (UNCW)  
University of South Carolina (USC)  
University of Southern California, Upland (USC)  
University of Texas at Austin (UT)  
University of Texas at Austin, Lady Bird Johnson Wildflower Center (UT)  
University of Toledo  
Virginia College  
Virginia Sea Grant  
Washington Sea Grant  
Woods Hole Oceanographic Institution (WHOI)

**Unknown**

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Applied food Technologies  
Biodiversity Resarch Institute  
Blue Marline Atlantic International  
Boone Seafood  
Buckhead Beef  
Cajun Shrimp  
City Market Seafood  
Coastal and Estuarine Research Federation  
Cobb/Douglas Environmental Health Services  
Cook & Cook Seafood  
Crosby Seafood  
destiny Organics  
Dubberlys Seafoor  
EcoFocus Film Festival  
Enchanted Springs  
F & F Pay Lakes & Market  
Forsyth Seafood  
Gulf & South Atlantic Fisheries Foundation  
Harper's Seafood  
Inland Seafood  
Karwacki Crabs  
Knight Seafood  
Lang Seafood  
Lazaretta Packing, Tybee  
Lindy's Kitchen  
Lloyd Artists

Marco Seafood  
National Seafood HACCP Alliance Steering Committee  
Oceans Bounty Seafood  
Ogeechee Riverkeeper  
Oishii Shushi  
Ossabaw Island foundation  
Performance Food Group  
Poteet Seafood  
Prime Meats  
Sapelo Seafarms  
Shrimp Producers Association, NEFL  
Skinner Seafood  
Southeastern Fisheries Association  
Southern California CWRPA  
Southern Risk Management Center, Univ. of Ark.  
Superior Trawl, Rhode Island  
Sweet Savannah Shrimp Co.  
T & T International  
Thompson Seafood  
whitehouse Seafood  
Woods Seafood  
Woodsmoke Provisions  
Office of Program Planning and Integration (US DOC, NOAA, PPI)

**Unknown2**

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King and Prince Seafood Corporation  
Louisiana Shrimp Association

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>\$71,733</b>	<b>\$1,839,460</b>	<b>\$1,455,118</b>	<b>\$472,724</b>
Georgia Department of Natural Resources (GA DNR)				\$271,829
Georgia Department of Natural Resources, Coastal Resources Division (GA DNR, CRD)		\$57,036		
Georgia Southern University (GSU)				\$1,425
National Oceanic and Atmospheric Administration (US DOC, NOAA)		\$30,000	\$275,866	\$111,804
National Science Foundation (NSF)		\$18,000		\$82,666
North Carolina Sea Grant		\$7,500		
Sapelo Island National Estuarine Research Reserve (US DOC, NOAA, NOS, NERRS, SINERR)		\$10,000		
University of Georgia (UGA)		\$1,713,224	\$1,179,252	\$5,000
University of Georgia Marine Extension Service (UGA)		\$700		
University of Georgia, Marine Extension Service		\$3,000		
University Of Minnesota (UMN)	\$71,733			
<b>Influenced</b>	<b>\$2,069,233</b>	<b>\$1,450,750</b>		
Georgia Department of Natural Resources (GA DNR)	\$50,000			
Georgia Department of Natural Resources, Coastal Resources Division (GA DNR, CRD)		\$448,492		
National Aeronautics and Space Administration (NASA)		\$409,458		
National Marine Fisheries Service (US DOC, NOAA, NMFS)	\$46,558			
National Oceanic and Atmospheric Administration (US DOC, NOAA)		\$377,000		
National Science Foundation (NSF)	\$60,880	\$18,000		
University of Georgia (UGA)	\$1,911,795			
US Army Corps of Engineers (DOD, Army, USACE)		\$197,800		