

OR Sea Grant Program

Site Review PIER Information

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

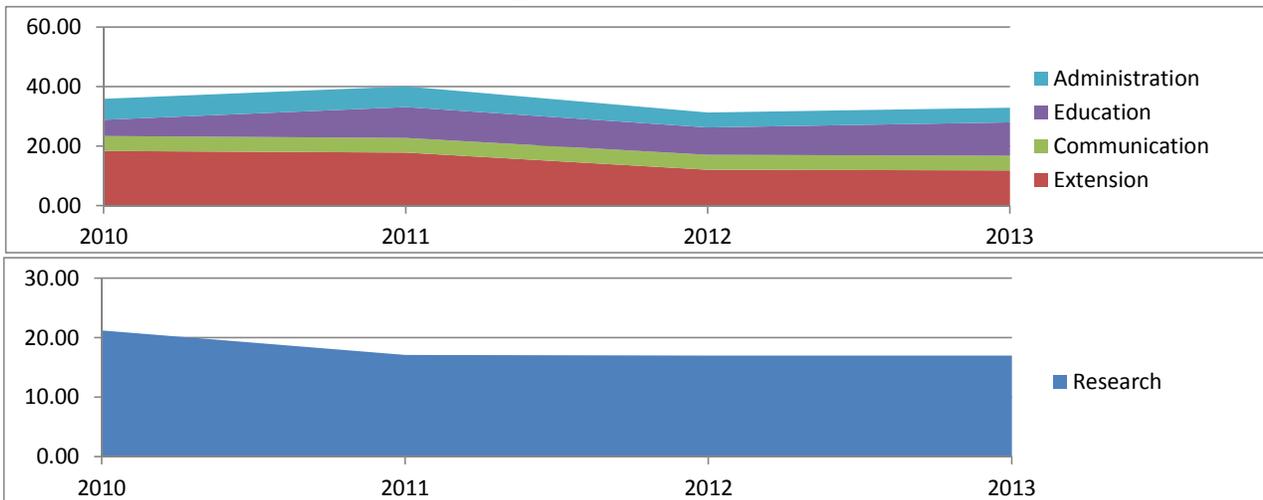
I. Program Management and Organization (organization, program team approach, support).

A. Sea Grant Staffing (2010-2013)

| | Range of Annual Number of Individuals | Average Annual Full-Time Equivalents* |
|-----------------------|---------------------------------------|---------------------------------------|
| Administration | 6-8 | 6.0 |
| Extension | 20-21 | 15.1 |
| Communication | 6-7 | 5.0 |
| Education | 7-20 | 9.1 |
| Research | 20-25 | 18.1 |

*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)

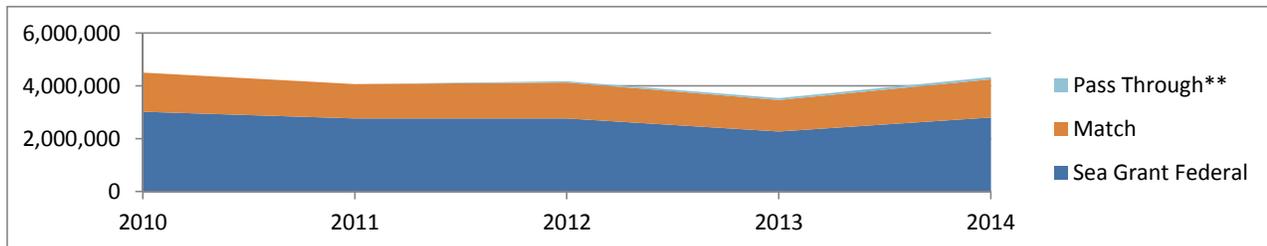


B. Total Funding by Source (2010-2014)

| | Sea Grant Federal | Match | Pass Through** | Total Funding |
|-------------|-------------------|-----------|----------------|---------------|
| 2010 | 3,025,694 | 1,480,635 | 0 | 4,506,329 |
| 2011 | 2,766,523 | 1,309,394 | 0 | 4,075,917 |
| 2012 | 2,765,121 | 1,362,649 | 57,750 | 4,185,520 |
| 2013 | 2,272,902 | 1,196,670 | 71,750 | 3,541,322 |
| 2014 | 2,803,382 | 1,455,220 | 75,750 | 4,334,352 |

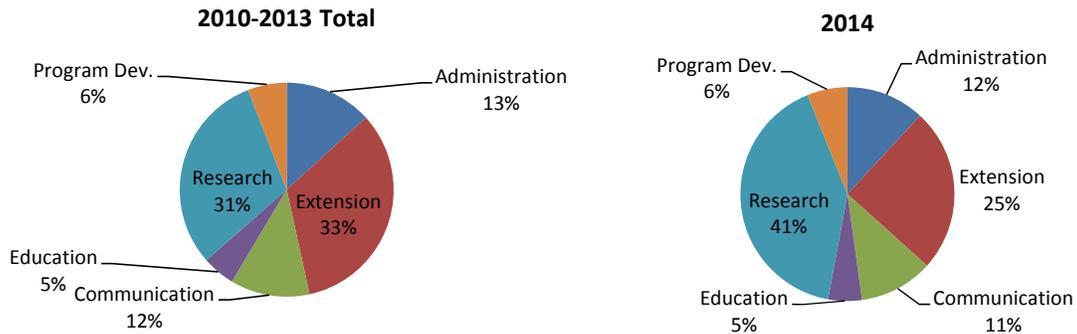
** Pass Through funding refers to federal funds not appropriated to Sea Grant, but administered through the National Sea Grant Office

Funding by Year (2010-2013)

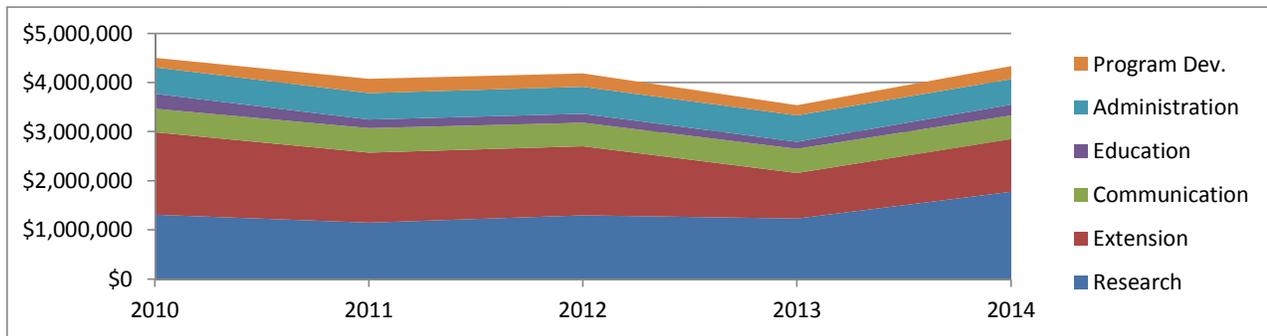


C. Distribution of Funding by Functional Area (Federal + Match + Pass Through)

| | 2010 | 2011 | 2012 | 2013 | 2014 |
|----------------|-----------|-----------|-----------|-----------|-----------|
| Administration | 537,790 | 537,790 | 549,365 | 537,790 | 514,945 |
| Extension | 1,674,302 | 1,426,645 | 1,405,640 | 926,143 | 1,073,058 |
| Communication | 483,011 | 496,918 | 480,676 | 492,873 | 484,538 |
| Education | 306,503 | 176,197 | 184,803 | 144,143 | 220,973 |
| Research | 1,312,506 | 1,148,094 | 1,297,184 | 1,231,995 | 1,777,347 |
| Program Dev. | 192,217 | 290,273 | 267,852 | 208,378 | 263,491 |



Trend (2010-2014)



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

| | 2011 | 2013 |
|--|------|------|
| Pre-Proposals Submitted | 47 | 72 |
| Full Proposals Submitted | 25 | 49 |
| Proposals Funded | 9 | 9 |
| Institutions with Proposals Funded | 2 | 6 |
| Proposals Funded from Home Institution | 9 | 7 |

| E. Core-Funded Research Projects |
|---|
| 2014 |
| Elicitation of Antibiotic Natural Products in Multispecies Cultures of Deep-sea Vent-derived Microorganisms (Kerry McPhail) |
| Enhancing Razor Clam Management Using Molecular Probes for Pathogen Detection (Steven Fradkin) |
| Evaluating the population genetic structure and diversity of Dungeness crab (Cancer magister) (Kathleen O'Malley) |
| Exploring Albacore stock structure in the North Pacific with radionuclide tracers (Lorenzo Ciannelli) |
| Future Competitive Projects (Sarah Kolesar, Research and Fellowship Program Coordinator) |
| Preparing for Climate Change in Oregon Estuaries: Flooding, Ecological Impacts, and an Integrated Approach Toward Adaptive Management (David Hill) |
| Protecting West Coast oyster hatcheries from the effects of increasing ocean acidification (Chris Langdon) |
| Scaling Up Cost-Efficient Community Engagement in Coastal Resource Management (Shawn Rowe) |
| Sea grass as possible ocean acidification refugia for shellfish in a high CO2 world (George Waldbusser) |
| Understanding oceanic and terrestrial controls on dissolved oxygen variability in the Coos Bay estuary (David Sutherland) |
| 2013 |
| Emerging Contaminants in Oregon Coastal Waters: Landscape Drivers and Synergistic Effects on Native Oysters (Granek, Elise) |
| Role of fluvial phytoplankton in emerging contaminant exposure pathways within Columbia River food webs (Peterson, Tawnya) |
| 2012 |
| An Integrated Engineering-Economic Vulnerability Assessment Tool to Increase Tsunami Preparedness in Rural Coastal Counties (Chen, Yong) |
| Developing realistic metrics of acidification stress for commercially important bivalves in variable habitats (Waldbusser, George) |
| Geomagnetic Imprinting and Homing in Salmon and Steelhead (Noakes, David) |
| Mate choice in the wild: Does it account for differences in reproductive success between hatchery (O'Malley, Kathleen) |
| Modeling Myxozoan Disease in Pacific Salmon: Establishing Watershed Models for Predicting Effects of Climate Change (Bartholomew) |
| Predicting Habitat Quality Of Juvenile English Sole And Dungeness Crab in Coastal and Estuarine Nursery Grounds (Ciannelli, Lorenzo) |
| Realized and potential larval connectivity along the Oregon coast (Batchelder, Harrold) |
| Successful Adaptation: Identifying Effective Process and Outcome Characteristics and Practice-Relevant Metrics (Gosnell, Hannah) |
| Taking stock of Oregon's nearshore fisheries: development of simple assessment tools for better management (Heppell, Selina) |
| Tides, Freshwater and Winds: Modeling the impacts of currents on the Oregon inner continental shelf and within Yaquina Bay estuary (Lerczak, James) |
| Toward Resilience and Sustainable Seafood Supply: Assessing Direct Marketing Approaches for the West Coast Fishing Communities (Doyle, Jamie) |
| Understanding, Forecasting and Communicating the Linkages Between Hypoxia and Ocean Acidification in Oregon's Coastal Ocean (Chan, Francis) |
| 2010 |

| |
|---|
| A community-based framework for identifying, estimating and evaluating ecosystem services associated with Oregon's proposed marine reserves (MICHAEL HARTE) |
| A cooperative effort to track the Humboldt squid invasion in Oregon (SELINA HEPPELL) |
| A Predictive Approach to Risk Analysis and the Economics of Early Detection and Rapid Response for Aquatic Invasive Species (MICHAEL HARTE) |
| Bioactive Natural Products from Deep Sea Hydrothermal Vent Organisms (Mark Zabriskie) |
| Coastal Effects of Tsunamis (HARRY YEH) |
| Drivers of ecosystem resilience: toward a predictive understanding of hypoxia's impacts on nearshore fisheries and ecological communities (Michael Donnellan) |
| Effect of <i>Vibrio tubiashii</i> on West coast shellfish (Claudia Hase) |
| Effects of hypoxia on ichthyoplankton and micronekton communities off the Oregon coast (LORENZO CIANNELLI) |
| Modeling Myxozoan Disease in Pacific Salmon: How Will Climate Change Affect Parasite Distribution and Salmon Survival? (JERRI BARTHOLOMEW) |
| Nearshore Wave Predictions along the Oregon Coast (H. TUBA OZKAN-HALLER) |
| Response of Marsh Insects and Benthic Invertebrates to Dike Removal in the Salmon River Estuary: Follow-up, Synthesis and Education (Karen Haberman) |
| Sea Grant Professorship (STEPHEN B. BRANDT) |

| F. NSI, Pass-through, and enhancement funds |
|--|
| 2014 |
| 2014 Knauss Fellow (Zachary Penney) (Shelby Walker) (SG-FEL-KNAUSS) |
| Waldbusser: Improving juvenile oyster survival through adaptation and screening of ocean acidification impacts (George Waldbusser) (SG-AQTECH) |
| Community Engagement about Resilience to Climate Change in the Context of Coastal Risks (David Hansen, Sea Grant Extension Program Leader) (SG-Climate) |
| Future Competitive Projects (Sarah Kolesar, Research and Fellowship Program Coordinator) (SG-NSI) |
| Graduate Student Opportunities in Resilience and Adaptation Research (Sarah Kolesar, Research and Fellowship Program Coordinator) (SG-Social Science) |
| Resilience and Adaptation Program (Sarah Kolesar, Research and Fellowship Program Coordinator) (SG-Social Science) |
| 2013 |
| Age structured matrix modeling of burrowing shrimp population dynamics with application of the biochemically based lipofuscin aging method (Katelyn Bosley) (NMFS-SG-Fellowship) |
| Elevating public awareness, engagement and solutions to West Coast Marine Debris through video outreach (Brandt, Stephen) (SG-Regional) |
| Jennifer Thompson Oregon Sea Grant Knauss Fellowship 2013 (Brandt) (NMFS) |
| 2012 |
| Assessing the Socio-Political Context of Disaster Recovery in Coastal Oregon (Cramer, Lori) (SG-Social Science) |
| Climate communications with Oregon communities and citizens to assist with decision making (Cone, Joe) (SG-Climate) |
| Dean John A. Knauss Marine Policy Fellowship 2012: Jennifer Dresler (Brandt, Stephen) (SG-FEL-KNAUSS) |
| Developing Quantitative Tools to Evaluate Recovery in Green Sea Turtles, Chelonia mydas (Susan Hilber Piacenza) (NMFS-SG-Fellowship) |
| Increasing Sea Grant's stakeholder engagement and partnerships along the Oregon Coast (Brandt, Steve) (SG-Social Science) |
| Invasive Species Biofouling on the 2011 Tōhoku Tsunami Marine Debris: A Workshop to Facilitate Regional Preparedness and Response (Brandt, Stephen) (SG-NSI) |
| Legal and Regulatory Efforts to Minimize Expansion of Zebra/Quagga Mussels through Watercraft Movement in (Sam Chan) (SG-NSI) |
| Oregon Sea Grant Extension 2010-2014 (JAY RASMUSSEN) (SG-Regional) |
| 2011 |
| An Evaluative, Regional Approach to Addressing Aquatic Invasive Specie Pathways (PENELOPE D. DALTON) (SG-ZEBRA) |
| Dean John A. Knauss Marine Policy Fellowship 2011: Brett Hartl (Brandt, Stephen) (SG-FEL-KNAUSS) |
| SG Aquaculture Extension 2010: Creating Capacity in Oregon the the Northwest (STEPHEN B. BRANDT) (SG-AQTECH) |
| 2010 |
| Dean John A. Knauss Marine Policy Fellowship (STEPHEN B. BRANDT) (SG-FEL-KNAUSS) |
| Enhancing Sea Grant's Ability to Help Coastal Communities Adapt to Climate Change (JOSEPH CONE) (SG-Climate) |
| HRCC National Climate Survey (JOSEPH CONE) (SG-PD) |
| LINKING MANAGEMENT AND SEAFOOD TECHNOLOGY TO PROMOTE SUSTAINABLE FISHERIES AND COMMUNITIES (JAY RASMUSSEN) (SG-FISHERY-EXT) |

Sea Grant West Coast Regional Research Plan Implementation Fellowship (STEPHEN B. BRANDT) (SG-Regional)

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 |
|--------|-----------|
| 2,499 | 4,420,239 |

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

| |
|---------|
| 344,439 |
|---------|

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

| | Students | | Degrees Awarded |
|---------------------|----------|------------|-----------------|
| | New | Continuing | |
| Undergraduate | 207 | 79 | 55 |
| MS/MA | 114 | 130 | 77 |
| PhD | 63 | 94 | 18 |
| Professional Degree | 6 | 6 | 6 |

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

| |
|---------|
| 116,412 |
|---------|

III. Collaborative Network Activities (relationships and coordination).

A. Program Partners by Scale

FEDERAL or NATIONAL

Agriculture Research Service (USDA, ARS)
Alaska Fisheries Science Center (US DOC, NOAA, NMFS)
Aquatic Nuisance Species Task Force (ANS)
Associated Koi Clubs of America
Bonneville Power Administration (BPA)
Bureau of Land Management (US DOI, BLM)
Bureau of Land Management, Yaquina Head Outstanding Natural Area (BLM)
Centers for Ocean Sciences Education Excellence (COSEE)
Climate Program Office (US DOC, NOAA, OAR, CPO)
Coastal Services Center (US DOC, NOAA, NOS, CSC)
Coastal Storms Program (US DOC, NOAA, NOS, SCS, CSP)
CoastWatch
Cooperative Institute for Marine Resources Studies (US DOC, NOAA, OSU, CIMRS)
Cordell Bank National Marine Sanctuary (US DOC, NOAA, NOS, ONMS)
EarthScope
Educational Solutions
Georgia-Pacific
Hewlett-Packard
Integrated Graduate Experience and Research Training (IGERT)
Lewis and Clark National Historical Park
Little Skookum Shellfish Growers
Marine Advanced Technology Education Center
Marine Debris Program (US DOC, NOAA, NOS, ORR, MDP)
National Association of Attorneys General (NAAG)
National Center for Environmental Prediction (NOAA)
National Earthquake Hazards Reduction Program (NEHRP)
National Estuarine Research Reserve System (US DOC, NOAA, NOS, NERRS)
National Invasive Species Council (AIS)
National Marine Fisheries Service (US DOC, NOAA, NMFS)
National Marine Manufacturers Association
National Marine Sanctuary Foundation
National Ocean Council
National Oceanic and Atmospheric Administration (US DOC, NOAA)
National Park Service (US DOI, NPS)
National Science Teachers Association
National Sea Grant College Program (US DOC, NOAA, OAR, NSGCP)
National Sea Grant Office (US DOC, NOAA, OAR, NSGO)
National Tsunami Hazard Mitigation Program (US DOC, NOAA, US DOI, USGS, US DHS, FEMA, NTHMP)
National Weather Service (US DOC, NOAA, NWS)
Natural Resources Conservation Service (USDA, NRCS)
Near Space Corporation
NOAA Corps, Office of Marine and Aviation Operations, (US DOC, NOAA, OMAO)
NOAA Vents program
NOAA West Coast Regional Collaboration Team (DOC, NOAA)
Northwest Fisheries Science Center (US DOC, NOAA, NMFS, NWFSC)

Ocean Observatories Initiative
Office of Climate, Weather, and Water Services (US DOC, NOAA, NWS)
Office of Laboratories and Cooperative Institutes (US DOC, NOAA, OAR)
Office of Ocean and Coastal Resource Management (US DOC, NOAA, NOS, OCRM)
Pacific Fishery Management Council (PFMC)
Pacific Marine Environmental Laboratory (US DOC, NOAA, OAR, PMEL)
Partnership of Interdisciplinary Studies of Coastal Oceans (PISCO)
Sea Dwelling Creatures
Shellfish Genetics Program (USDA, ARS)
Smithsonian Environmental Research Center
Smithsonian Institution (SI)
Smithsonian Museum of Natural History (SI)
South Slough National Estuarine Research Reserve (US DOC, NOAA, NOS, NERRS)
Southwest Fisheries Science Center (US DOC, NOAA, NMFS, SWFSC)
Susanne Moser Research and Consulting (SMRC)
U.S. Coast Guard Academy
US Army Corps of Engineers (DOD, Army, USACE)
US Bureau of Ocean Energy Management (US DOI, BOEM)
US Coast Guard (US DHS, USCG)
US Coast Guard Marine Safety Office (US DHS, USCG)
US Department of Agriculture (USDA)
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)
Various Commercial Fishers
Western Ecology Division (US EPA)
U.S. Representative Jared Huffman - California

INTERNATIONAL

Birch Aquarium at Scripps under NGO
British Columbia Ministry of Environment, Canada
Community Seafood Initiative
Ecotrust
Institute for Sustainable Communities
Jan Eliot, Stone Soup Comics
Kobe University
Ocean Conservancy
Ontario Ministry of Natural Resources
Pacific Salmon Commission
Port and Airport Research Institute, Japan
Portland International Airport (PDX)
Surfrider Foundation
The Nature Conservancy (TNC)
Universal Studios
University of Tokyo, Japan

LOCAL

AllStart Auto Electric

Anderson Construction
Animal and Plant Health Inspection Service (APHIS)
Bayfront Merchants Association
Cabrillo Marine Aquarium
Central Lincoln People's Utility District
Central Oregon Coast NOW
Charleston Marina, OR
City of Albany, OR
City of Coburg, OR
City of Cottage Grove, OR
City of Creswell, OR
City of Dallas, OR
City of Junction City, OR
City of Monroe, OR
City of Newberg, OR
City of Newport, OR
City of Scio, OR
City of Sodaville, OR
City of Sweet Home, OR
City of Tangent, OR
City of Veneta, OR
Clatsop County
Clatsop County Planning Commission
Clatsop Soil & Water Conservation District
Columbia River Crab Fishermen's Association
Columbia-Pacific Economic Development District
Coos Bay City Dock
Coos Bay School District
Coos County
Coos Watershed Association
Corvallis School District
Cottage Grove High School
Curry County
Douglas County, OR
Ecola Architects, Cannon Beach
Eddyville Charter School
Edmunds School District (in WA)
Embarcadero Marina (Newport)
Everett School District (in WA)
Federal Way School District (in WA)
Fishermen Advisory Committee for Tillamook (FACT)
Fishermen of Winchester Bay
Friends of Tryon Creek
Garibaldi Charters
George Fox University
Hatfield Marine Science Center (HMSC)
Hollywood Aquarium
Kennedy Alternative High School
Lane Community College

Lane County Council of Governments
Lane County, OR
Lebanon Community School District
Lincoln County
Lincoln County School District
Lincoln Soil and Water Conservation District
Linn County, OR
Long Beach Aquarium of the Pacific
Luckiamute Watershed Council
Marine Discovery Tours
Marshfield High School
Near Shore Action Team Depoe Bay
Nehalem Marine Manufacturing
Neskowin Coastal Hazards Committee
Neskowin Valley School
Nevor Shellfish, Oregon
New Seasons Market
Newport Sea Lion Docks Foundation
Oregon Coast Regional STEM Education Center
Oregon Coastal Municipalities
Oregon Seafoods-Coos Bay
Oregon State University, Veterinary Diagnostic Lab (OSU)
Oregon Wave Energy Trust
Oregon: Lane Educational Service District
Oregon's Washington D.C. Congressional delegation
Pacific County Marine Resource Committee
Pier 39 - Astoria
Polk Soil and Water Conservation District
Port of Astoria
Port of Coos Bay, OR
Port of Newport, OR
Port Orford Ocean Resource Team
Portland General Electric
Portland Public Schools
Salmon Drift Creek Watershed Council
Santa Barbara Sustainable Seafood Program
Santiam Wilderness Academy
Seafood Processors
Shedd Aquarium
Skipanon Brand Oregon Ocean Seafoods-Warrenton
Soil and Water Conservation Districts (many counties)
South Santiam Watershed Council
St Johns River Water Management District
St. Louis Zoo
Sweet Home Alternative High School
Sweet Home Youth Watershed Council
Tacoma School District (in WA)
Taylor Shellfish Hatchery
The Berry Patch-Westport, OR

The National Aquarium in Baltimore
Tillamook Bay Community College
Tillamook Bay Watershed Council
Tillamook County
Tillamook Creamery Association
Tillamook Estuaries Partnership
Tillamook School District
Toledo School District
Warrenton Marina/Hammond Marina
Warrenton School District
Westwind Outdoor School
Willamette Watershed Council-Coast Fork

REGIONAL

Arcadia Point Seafoods
Benton County, OR
Big Island Abalone
Calapooia Watershed Council
California Current Acidification Network (C-CAN)
California Department of Fish and Game, Iron Gate Hatchery
Columbia River Basin (CRB) Invasive Species Taskforce
Commercial Fishermen of Santa Barbara (CFSB)
Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians
Cramer Fish Sciences
Education Northwest
Gothenburg University, Sweden
High Desert Museum
JJ Brenner Oyster Company
Legoe Bay Shellfish Company
Lower Columbia River Estuary Research Project
Lower Columbia Solutions Group
Marine Technology Society
Midwater Trawlers Cooperative
North Coast Building Industry Association
North Coast Watershed Association
Northwest Aquatic and Marine Educators Association
Northwest Association of Networked Ocean Observing Systems (NANOOS)
Northwest National Marine Renewable Energy Center (NNMREC)
Northwest Weed Management Partnership
Ocean Conservation & Education Alliance Northwest (OCEAN)
Oregon Oyster Farms Inc
Pacific Shrimp Inc.
Pro-Build
REEF Environmental Education Foundation
Saturday Academy
Seafood Laboratory, Astoria (OSU)
Southern Oregon Ocean Resource Coalition
Tanger Outlets
UNAVCO
University of Washington, Climate Impacts Group, JISAO, College of the Environment (UW)

University of Washington, Joint Institute for the Study of the Atmosphere and Ocean (JISAO), College of the Environment (UW)
Wallace Energy Systems Renewable Facility (WESRF)
West Coast Contractors
West Coast Governors Agreement on Ocean Health (WCGAOH)
West Coast Ocean Acidification and Hypoxia Science Panel
Western Regional Panel on Aquatic Nuisance Species (ANS)
Whiskey Creek Shellfish Hatchery

STATE

Advanced Research Corporation
Alaska Marine Safety Education Association
Alaska Sea Grant
Arizona Game and Fish Department
California Coastal Commission (CA RESOURCES, CCC)
California Coastal Conservancy
California Department of Fish and Game (CA RESOURCES, CA DFG)
California Natural Resources Agency
California Ocean Protection Council (COPC)
California Ocean Science Trust
California Salmon Council
California Sea Grant
Center for Ocean Solutions (COS)
Central Washington University
City of Wheeler-Citizens & Managers
Clatsop Community College
Coastal Oregon Marine Experiment Station
Commercial Fishing Industry
Connecticut Sea Grant
Fishermen Involved in Natural Energy (FINE)
Florida Sea Grant
Florida State University (FSU)
Georgia Institute of Technology
Green Girl Land Development Solutions LLC
Hawaii Sea Grant
Humboldt State University (HSU)
Idaho Invasive Species Council
Illinois-Indiana Sea Grant
Institute for Applied Ecology
Institute of Natural Resources
Lincoln County Board of Commissioners
Louisiana Sea Grant
Maine Sea Grant
Marine Biological Laboratory (MBL, WHOI)
Marine Technology Society--Oregon Section
Maryland Sea Grant
Massachusetts Ocean Plan
Minnesota Sea Grant
Monterey Bay Aquarium Research Institute (MBARI)
Moss Landing Marine Laboratories
National Sea Grant Law Center

New York Sea Grant
North Carolina Sea Grant
North Carolina University Aquaculture Extension
North Coast Land Conservancy
O.H. Hinsdale Research Lab, OSU
Ocean Policy Advisory Council (OPAC)
Ohio State University (OSU)
Oregon Albacore Commission
Oregon Aquaculture Association
Oregon Association of Science Teachers
Oregon Cable Commission
Oregon Coast Aquarium
Oregon Coast Community College
Oregon Coastal Management Program (OCMP)
Oregon Coastal Zone Management Association (OR CZMA)
Oregon Community Foundation
Oregon Crab Commission
Oregon Department of Agriculture (OR ORDA)
Oregon Department of Education (OR ODE)
Oregon Department of Environmental Quality (OR DEQ)
Oregon Department of Fish and Wildlife (OR DFW)
Oregon Department of Forestry-Urban Forestry Program
Oregon Department of Land Conservation and Development (OH DLCD)
Oregon Department of State Lands (DSL)
Oregon Dungeness Crab Commission
Oregon Economic Development Alliance
Oregon Environmental Council
Oregon Fishermen's Cable Committee
Oregon Forest Resources Institute
Oregon Governor's Office of Natural Resources
Oregon Hatchery Research Center
Oregon Health Authority
Oregon Health Science University (OHSU)
Oregon Institute Of Marine Biology, University Of Oregon
Oregon Invasive Species Council (AIS)
Oregon Museum of Science and Industry
Oregon Office of Emergency Management (OR OEM)
Oregon Parks and Recreation
Oregon Public Schools
Oregon Salmon Commission
Oregon Sea Grant
Oregon Seed Council
Oregon State Legislature
Oregon State Marine Board
Oregon State University (OSU)
Oregon State University, Coastal Imaging Laboratory (OSU)
Oregon State University, College of Business (OSU)
Oregon State University, College of Education
Oregon State University, College of Oceanic & Atmospheric Sciences (OSU)

Oregon State University, College of Science
Oregon State University, Department of Zoology (OSU)
Oregon State University, Ecampus
Oregon State University, Extension (OSU)
Oregon State University, Marine Mammal Institute (OSU)
Oregon State University, Nuclear Engineering and Radiation Health Physics Department (OSU)
Oregon State University, Office of Precollege Programs
Oregon State University, PROMISE Program
Oregon State University, School of Public Policy (OSU)
Oregon State University, Seafood Lab-Surimi School (OSU)
Oregon State University, STEM Program (OSU)
Oregon Translational Research and Drug Development Institute (OTRADI)
Oregon Trawl Commission
Oregon Watershed Enhancement Board
Oregon Zoo
OSU College of Earth, Oceanic and Atmospheric Sciences (CEOAS)
Pacific Seafood
Penn State University (PSU)
Port of Umpqua
Portland State University
Rhode Island Sea Grant
Rutgers University
Salmon Troll Industry
Sitka Center
South Carolina Sea Grant Consortium
Southern California Coastal Water Research Project
Southwest Oregon Community College
Stanford University
State of Oregon: Dept of Geology and Mineral Industries
Texas A&M University (TAMU)
The Coastal Caucus
Tillamook County Pioneer Museum/Kilchis Point Nature Center
University of Arkansas
University of California (UC)
University of California, Berkeley, Lawrence Hall of Science (UC)
University of California, Davis (UCD)
University of California, San Diego, Scripps Institution of Oceanography
University of California, Santa Barbara (UCSB)
University of California, Santa Barbara, National Center for Ecological Analysis and Synthesis (UCSB-NCEAS)
University of California, Santa Cruz (UCSC)
University of Florida (UF)
University of Hawaii (UH)
University Of Houston (UH)
University of Maryland (UMD)
University Of Massachusetts At Amherst (Umass)
University of Montana
University of Montana (UMT)
University of North Carolina, Chapel Hill (UNC)
University of Oregon (UO)

University of Portland
University of Southern California (USC)
University of Southern California Sea Grant (USC)
University of Southern California, School of Engineering (USC)
University of Washington (UW)
University of Washington, School of Aquatic and Fishery Sciences, College of the Environment (UW)
Vernier Software & Technology
Washington Invasive Species Council
Washington Sea Grant
Washington State Department of Ecology
Washington State Department of Fish and Wildlife
Western Oregon University
Westwind Stewardship Group
Willamette University
Williams College, Mystic Seaport
Woods Hole Oceanographic Institution (WHOI)

Tribal

Columbia River Intertribal Fish Commission
Columbia River Tribes
Confederated Tribes of the Umatilla Indian Reservation
Confederated Tribes of Warm Springs
Karuk Tribe Fisheries Program
Nez Perce Tribe
Quileute Tribe
Warm Springs Tribe
Yakima Nation
Yurok Tribe

Unknown

Delta Education
Division Of State Lands

| | |
|---|--|
| B. Source and Amount of Leveraged Funds (2010-2013) | |
|---|--|

| Source | Amounts |
|--|---------------------|
| Managed | \$16,978,794 |
| Associated Koi Clubs of America | \$1,000 |
| Bureau of Land Management (US DOI, BLM) | \$114,642 |
| Business Oregon | \$15,600 |
| Central Lincoln PUD | \$1,500 |
| Chintimini Grant/NLCHM Mildred & Marie Fund | \$1,500 |
| Climate Program Office (US DOC, NOAA, OAR, CPO) | \$149,816 |
| Confederated Tribes of the Siletz Tribal Council | \$3,073 |
| Confederated Tribes of Warm Springs | \$52,500 |
| Hewlett-Packard | \$3,000,000 |
| Illinois-Indiana Sea Grant | \$6,570 |
| Lincoln County School District | \$47,520 |
| Monterey Peninsula College | \$2,000 |
| National Marine Fisheries Service (US DOC, NOAA, NMFS) | \$153,643 |
| National Marine Sanctuary Foundation | \$25,000 |
| National Ocean Service (US DOC, NOAA, NOS) | \$203,071 |
| National Oceanic and Atmospheric Administration (US DOC, NOAA) | \$87,129 |
| National Science Foundation (NSF) | \$2,460,591 |
| Network of Oregon Watersheds | \$200 |
| NOAA Corps, Office of Marine and Aviation Operations, (US DOC, NOAA, OMAO) | \$180,343 |
| Northwest Fisheries Science Center (US DOC, NOAA, NMFS, NWFSC) | \$7,880 |
| Oregon Cable Commission | \$3,000 |
| Oregon Coast Community College | \$19,154 |
| Oregon Department of Environmental Quality (OR DEQ) | \$95,381 |
| Oregon Department of Fish and Wildlife (OR DFW) | \$73,000 |
| Oregon Department of Land Conservation and Development (OH DLCD) | \$33,999 |
| Oregon State Marine Board | \$315,000 |
| Oregon State University (OSU) | \$5,671,867 |
| Oregon Trawl Commission | \$1,971,262 |
| Oregon Watershed Enhancement Board | \$121,523 |
| Oregon Wave Energy Trust | \$50,000 |
| Space Science Institute | \$20,358 |
| Terraqua | \$74,177 |
| University of California (UC) | \$98,342 |
| University of California, Berkeley, Lawrence Hall of Science (UC) | \$97,411 |
| University of Mississippi (OLE MISS) | \$33,576 |
| University of Oregon (UO) | \$179,649 |
| US Department of Energy (US DOE) | \$60,822 |
| US Fish and Wildlife Service (US DOI, FWS) | \$90,526 |
| US Forest Service (USDA, USFS) | \$83,456 |
| Yurok Tribe | \$14,950 |
| Unreported Source | \$1,357,763 |
| Influenced | \$47,560,836 |
| America's Wild Rivers Coast Alliance | \$14,830 |
| Associated Koi Clubs of America | \$79,940 |
| AT&T | \$25,000 |
| British Petroleum (BP) | \$1,015,358 |
| California Sea Grant | \$92,200 |

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| Campbell Foundation | \$37,472 |
| Chintimini Grant/NLCHM Mildred & Marie Fund | \$4,000 |
| Clean Water Services | \$5,210 |
| Climate Program Office (US DOC, NOAA, OAR, CPO) | \$340,517 |
| Confederated Tribes of the Siletz Tribal Council | \$4,000 |
| Cooperative Institute for Marine Resources | \$15,000 |
| Coos Watershed Association | \$56,957 |
| Division of Parks & Outdoor Recreation, Alaska Department of Natural Resources (AK DNR) | \$37,544 |
| Ecological Research & Development Inc | \$99,993 |
| Exploratorium, CA | \$519,756 |
| Gordon and Betty Moore Foundation | \$9,500 |
| Lincoln County School District | \$418,970 |
| Louisiana Sea Grant | \$302,253 |
| Marine Mammal Center | \$19,000 |
| MJ Murdoch Charitable Trust | \$15,000 |
| Monterey Peninsula College | \$1,997,011 |
| National Aeronautics and Space Administration (NASA) | \$229,566 |
| National Estuarine Research Reserve System (US DOC, NOAA, NOS, NERRS) | \$435,057 |
| National Fish and Wildlife Foundation (NFWF) | \$24,989 |
| National Institute of Health | \$275,000 |
| National Marine Fisheries Service (US DOC, NOAA, NMFS) | \$95,908 |
| National Ocean Service (US DOC, NOAA, NOS) | \$850,834 |
| National Oceanic and Atmospheric Administration (US DOC, NOAA) | \$412,719 |
| National Science Foundation (NSF) | \$13,386,468 |
| Network for Earthquake Engineering Simulation (NEES) | \$298,000 |
| Newport Fishermen's Wives | \$450 |
| Oregon Community Foundation | \$6,000 |
| Oregon Department of Community Colleges and Workforce Development | \$133,811 |
| Oregon Department of Environmental Quality (OR DEQ) | \$31,000 |
| Oregon Department of Fish and Wildlife (OR DFW) | \$32,475 |
| Oregon Department of Forestry-Urban Forestry Program | \$40,000 |
| Oregon Department of Land Conservation and Development (OH DLCD) | \$38,668 |
| Oregon Economic Development Alliance | \$4,500 |
| Oregon Health Authority | \$68,000 |
| Oregon Health Science University (OHSU) | \$24,000 |
| Oregon Invasive Species Council (AIS) | \$430,000 |
| Oregon Processed Vegetable Commission | \$18,854 |
| Oregon State Marine Board | \$1,770,000 |
| Oregon State University (OSU) | \$5,304,960 |
| Oregon State University, Extension (OSU) | \$42,000 |
| Oregon State University, Marine Mammal Institute (OSU) | \$479,808 |
| Oregon Watershed Enhancement Board | \$383,151 |
| Oregon Wave Energy Trust | \$23,000 |
| Plum Creek Foundation | \$6,000 |
| Port of Newport, OR | \$400 |
| Siuslaw Estuary Partnership | \$3,800 |
| South Slough National Estuarine Research Reserve (US DOC, NOAA, NOS, NERRS) | \$425,071 |
| Swansea University, United Kingdom | \$276,006 |
| Ten Rivers Food Web | \$2,000 |

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| The David and Lucille Packard Foundation (DLPF) | \$175,485 |
| Toyota Together Green Innovation | \$20,000 |
| Tualatin Hills Park & Rec District | \$1,300 |
| University of California (UC) | \$825,473 |
| University of California, Berkeley, Lawrence Hall of Science (UC) | \$765,610 |
| University of Maryland (UMD) | \$348,381 |
| University of Mississippi (OLE MISS) | \$20,500 |
| University of Rhode Island (URI) | \$298,000 |
| University of Southern California Sea Grant (USC) | \$75,000 |
| US Army Corps of Engineers (DOD, Army, USACE) | \$286,604 |
| US Bureau of Reclamation (US DOI, USBR) | \$2,279,959 |
| US Department of Energy (US DOE) | \$3,731,238 |
| US Environmental Protection Agency (US EPA) | \$599,980 |
| US Forest Service (USDA, USFS) | \$6,305,719 |
| US Geological Survey (US DOI, USGS) | \$328,741 |
| Utah State Legislature | \$150,000 |
| Washington Sea Grant | \$75,000 |
| Washington State University (WSU) | \$96,000 |
| Western Oregon University | \$2,300 |
| Unreported Source | \$513,540 |