Sea Grant
Putting coastal and Great Lakes science to work for communities since 1966
Managing by Networks – Case Study
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National Sea Grant College Program
NOAA
Photo: Coastal marsh, Maryland Sea Grant

In this Session

First 100+ days

Who / What is Sea Grant?

Guiding Principles Partnerships

Kola's Context
First 100+ days

Who/What is NOAA Sea Grant?

What is Sea Grant?

Based at universities across the country, Sea Grant works to provide research and outreach that help build and grow innovative businesses along America's oceans and Great Lakes, protect against environmental destruction and natural disasters, and train the next generation of leaders.

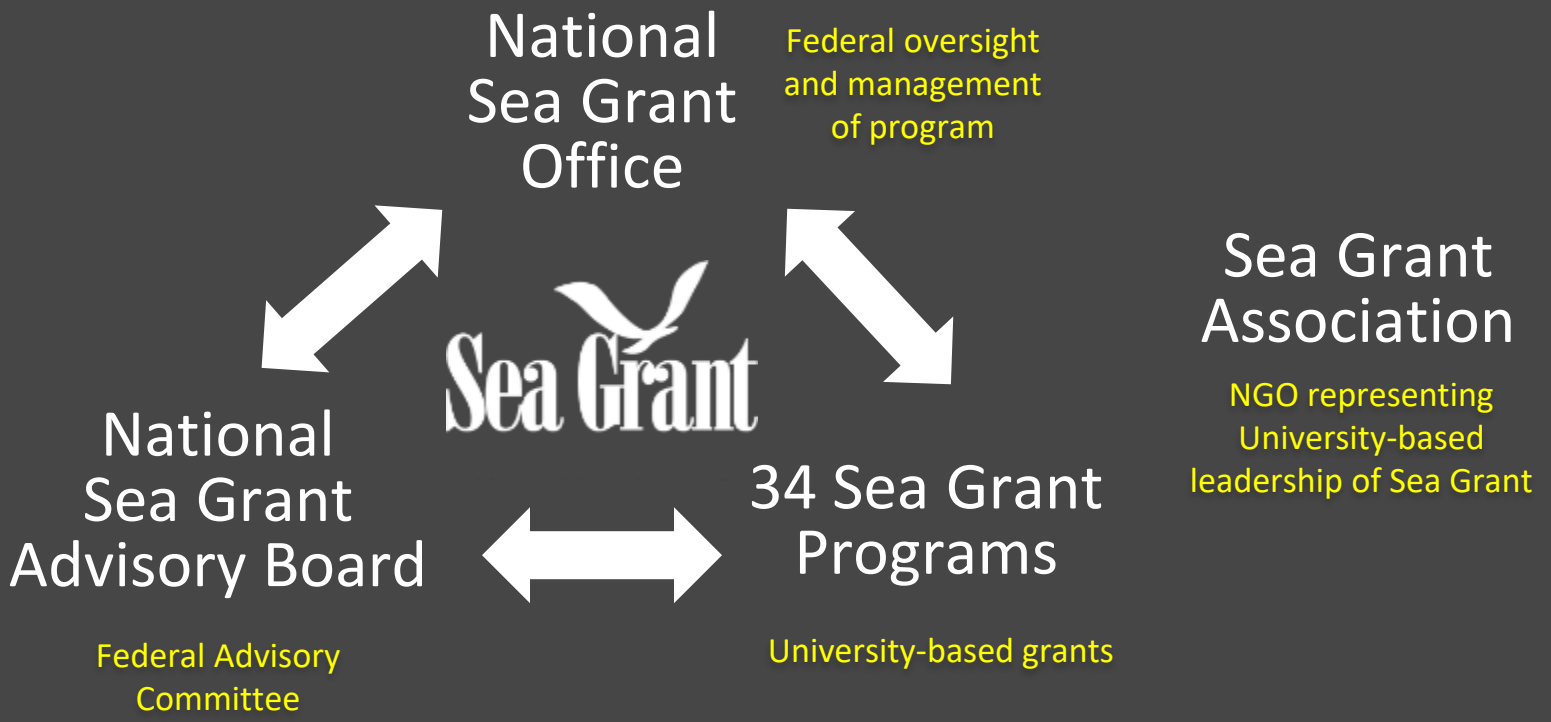
Since 1966, Sea Grant Mission

To enhance the practical use and conservation of coastal, marine and Great Lakes resources to create a sustainable economy and environment

Sea Grant

NOAA

National Sea Grant College Program



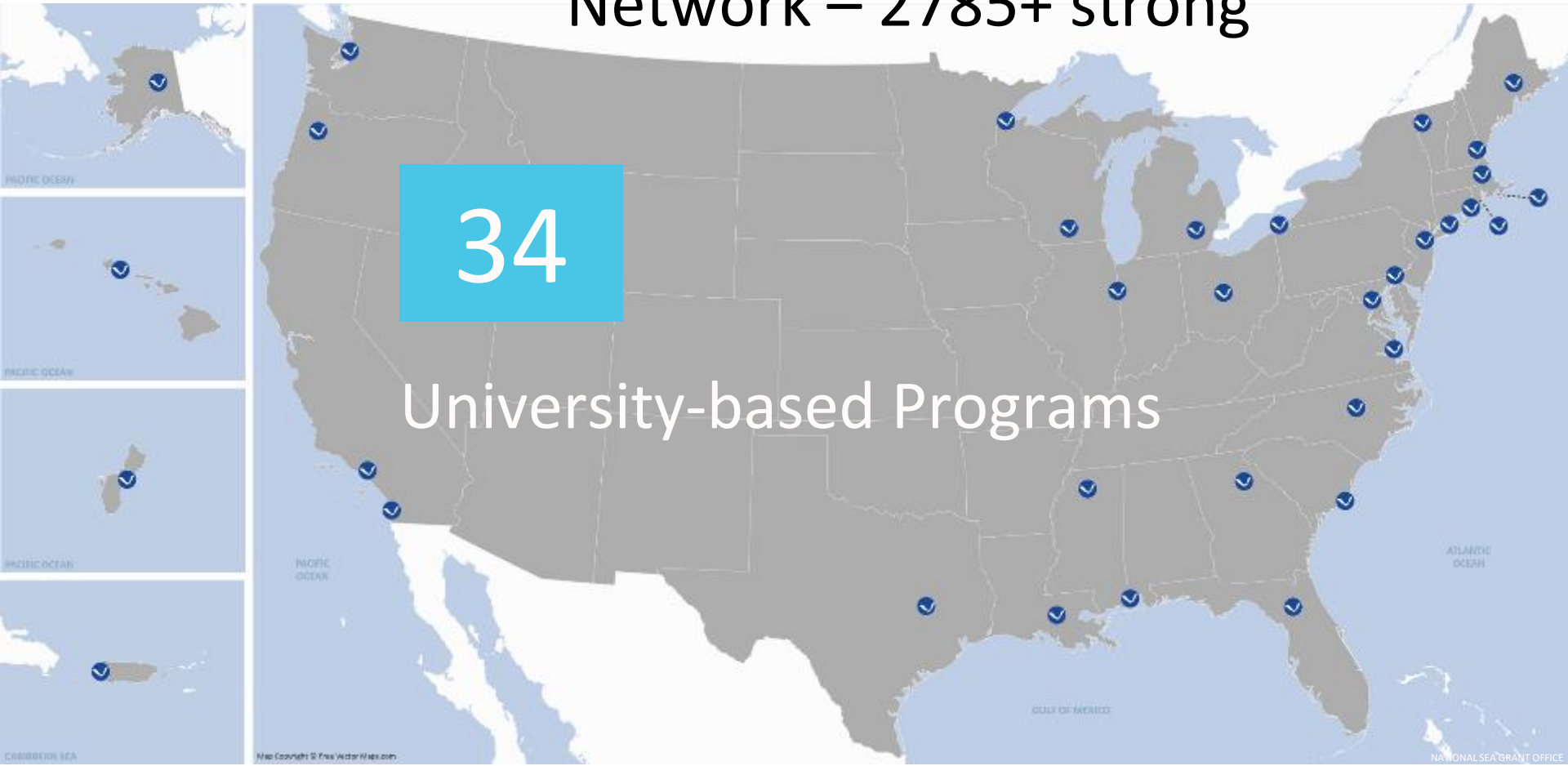
Sea Grant's Legislation

- Ability to accept funding from ANY entity and bring funds into the Treasury
- Encourages partnerships
- Required state program match of 2:1 (33% of entire award) for Sea Grant appropriated funding
- 5% unmatched dollars based on criteria and 5% National administration

Financial Implications of Legislation

- Strong bi-partisan Hill support
- Allocation to Programs based on merit and competition
- Integrated NOAA research, education, and outreach via Sea Grant network
- Strong NOAA input to Sea Grant priorities

Network – 2785+ strong



Sea Grant's Focus Areas

Healthy Coastal Ecosystems	Resilient Communities and Economies	Sustainable Fisheries and Aquaculture	Environmental Literacy and Workforce Development

NOAA

Sea Grant

Sea Grant's Approach

Research ⟷ **Extension** ⟷ **Education**

↕ ↘

Communities

Sea Grant's Niche

- **Sea Grant provides relevant and timely information**
  - Research based on urgent needs of coastal managers and residents
  - Place-based science
- **Sea Grant gets information to users**
  - Outreach network puts research results to use
- **Sea Grant is well respected & consistent**
  - Permanent, full-time extension agents
  - Long-term investments

Sea Grant Extension

City of Charleston, SC adopts a Sea Level Rise Strategy developed with assistance from the South Carolina Sea Grant Consortium

Delaware Sea Grant facilitates new and improved coordination in flood prediction, measurement, and response

- **Non-advocacy**
  - Presents alternatives & provides all viewpoints
- **University-based educators**
  - no regulatory function
- **Connected to key coastal clientele**
  - trust developed through 54-year history
- **Flexible programming**
  - responsive to local user needs

Sea Grant Education

- **Enhance environmental literacy and workforce development**
- **The Sea Grant Educators Network promotes this through:**
  - Curriculum development
  - After school programs
  - Teacher continuing education
  - Summer programs
- **Fellowships**
  - Sea Grant Knauss Marine Policy Fellowships
    - Direct Hire Authority
  - State fellowships

Sea Grant Communications

- Convey science based information to target audiences through a variety of mediums
- **The Sea Grant Communications Network:**
  - Works with researchers, educators & extension agents to provide accurate and timely information on coastal and marine issues

Sea Grant Legal Program

Sea Grant Law Center

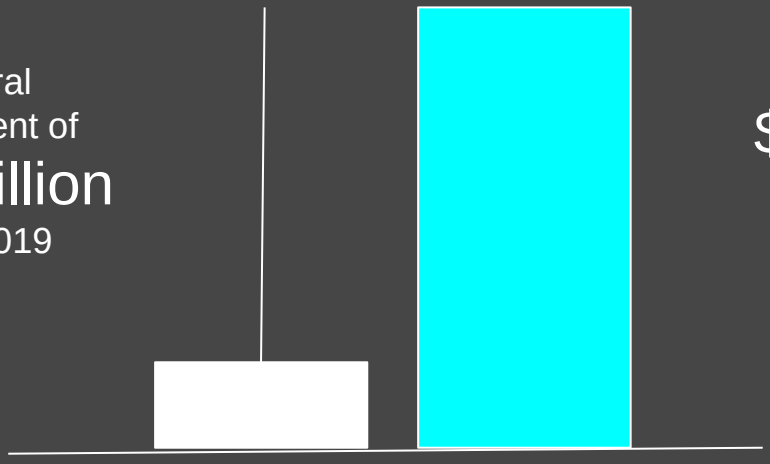
Legal research program available to all Sea Grant programs

Sea Grant Legal Network

Support Sea Grant law and policy efforts locally, regionally, and nationally

Sea Grant's Economic Impact

Federal Investment of
$80 million
in FY2019



Economic Benefit of
$412.4 million
in 2019

Sea Grant By the Numbers (2019)

$412.4M
Businesses created or sustained

10,404
Jobs created or sustained

252,047
Volunteer hours

263
Communities improved resilience

2,700+ Partners

1,825,793
Acres of habitat restored or protected

1,982
Graduate and undergraduate students supported

Sea Grant

1,470
Scientists affiliated with Sea Grant

Guiding Principles Partnerships

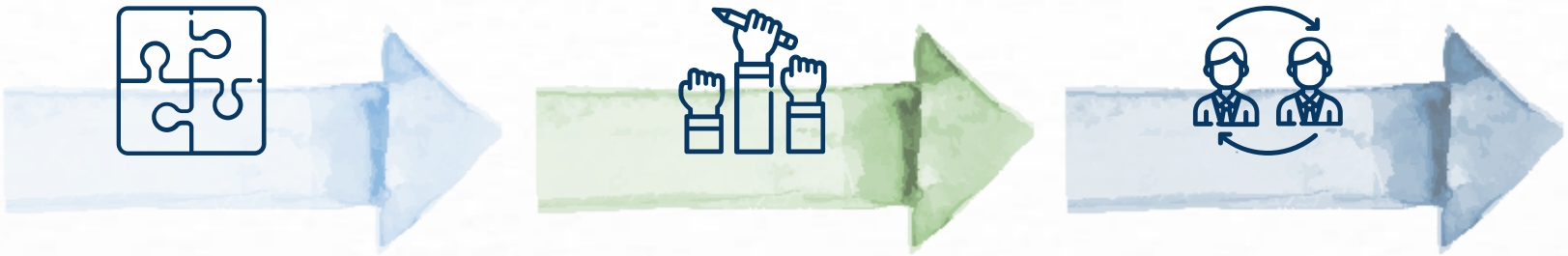
Sea Grant

Sea Grant maintains

2700+

project partners

Rich Tradition of State and National Partnerships

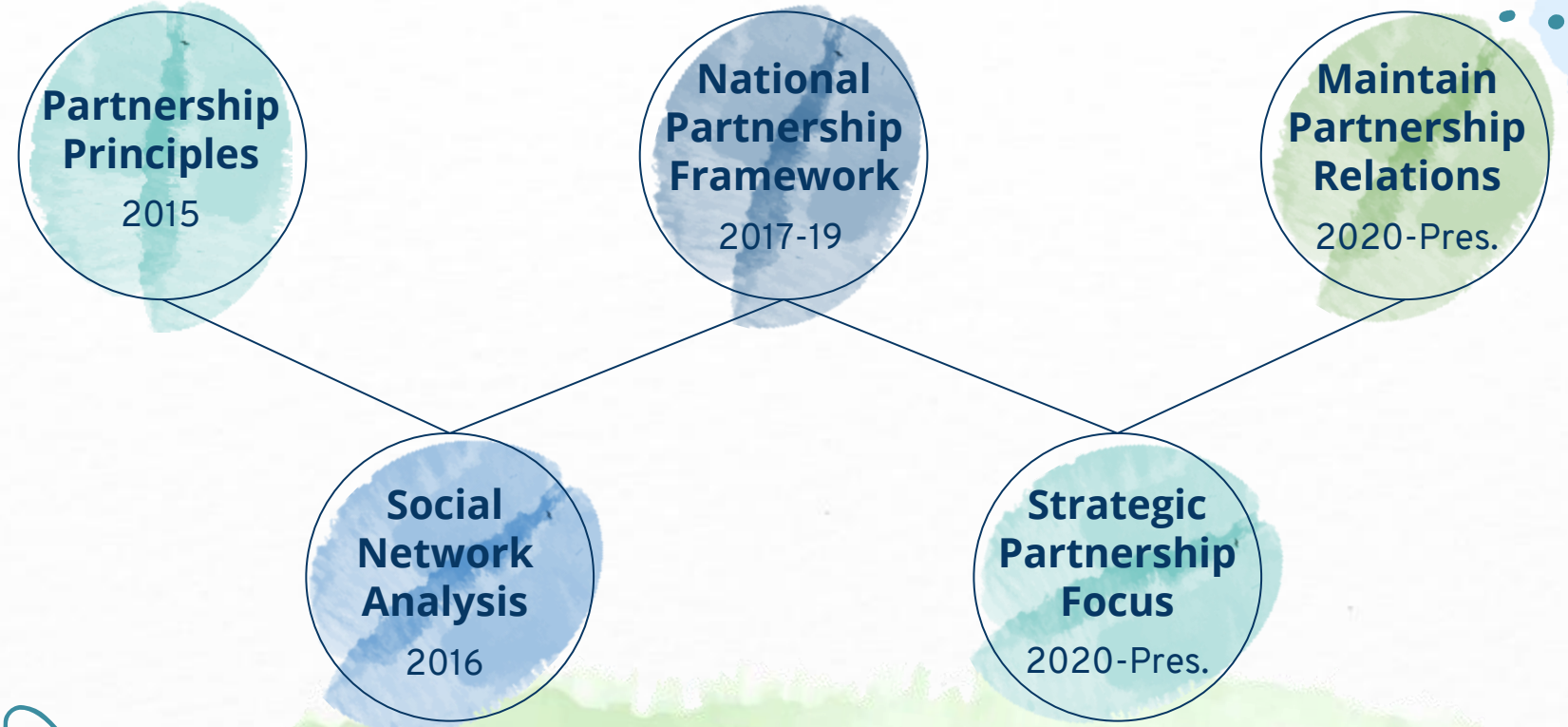


Connecting
to Sea Grant and partner(s) mission

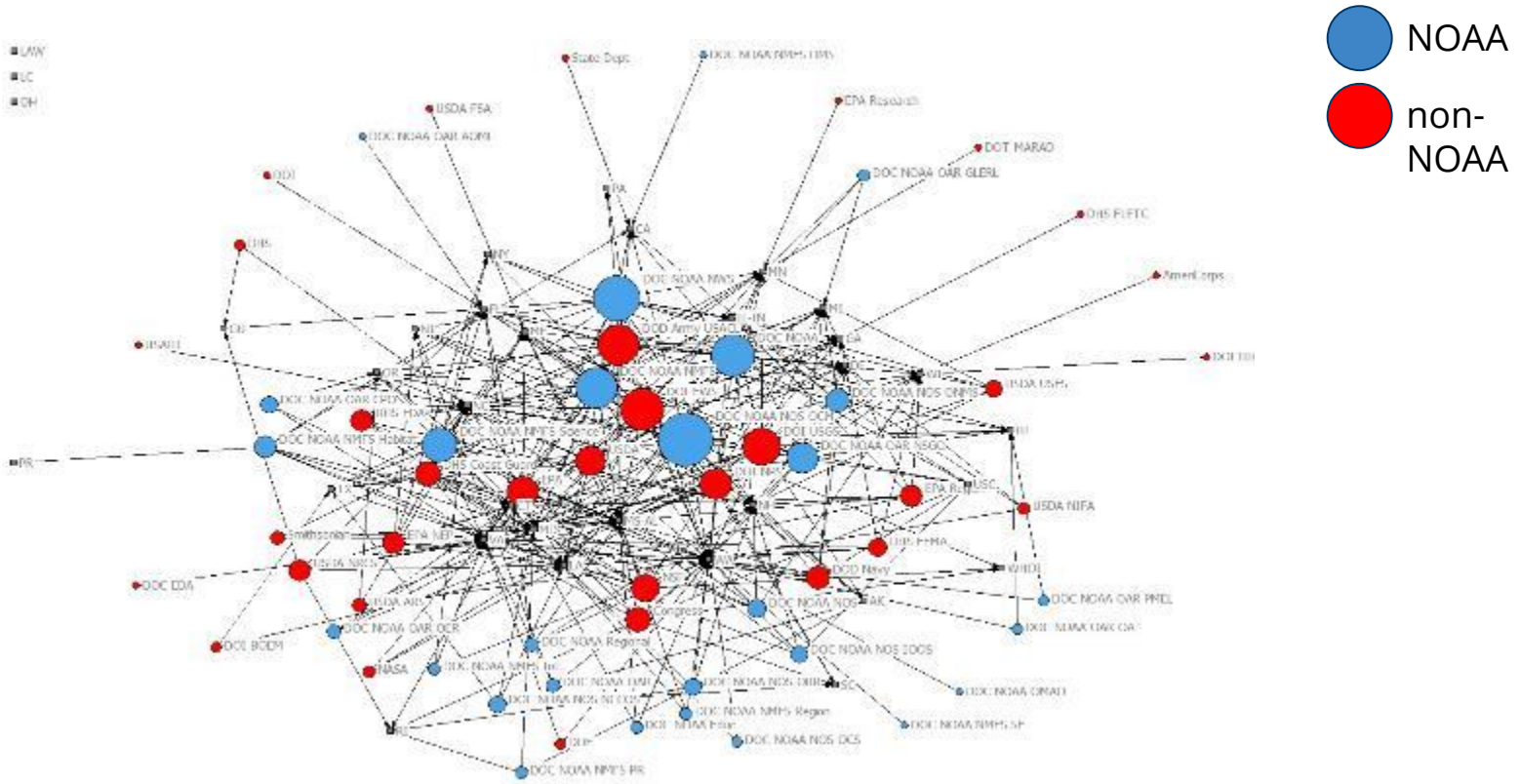
Building
regional and national partnerships

Sustaining
relationships

Advancing NSGO Support of Partnerships



Social Network Analysis of 2014-2015 PIER data

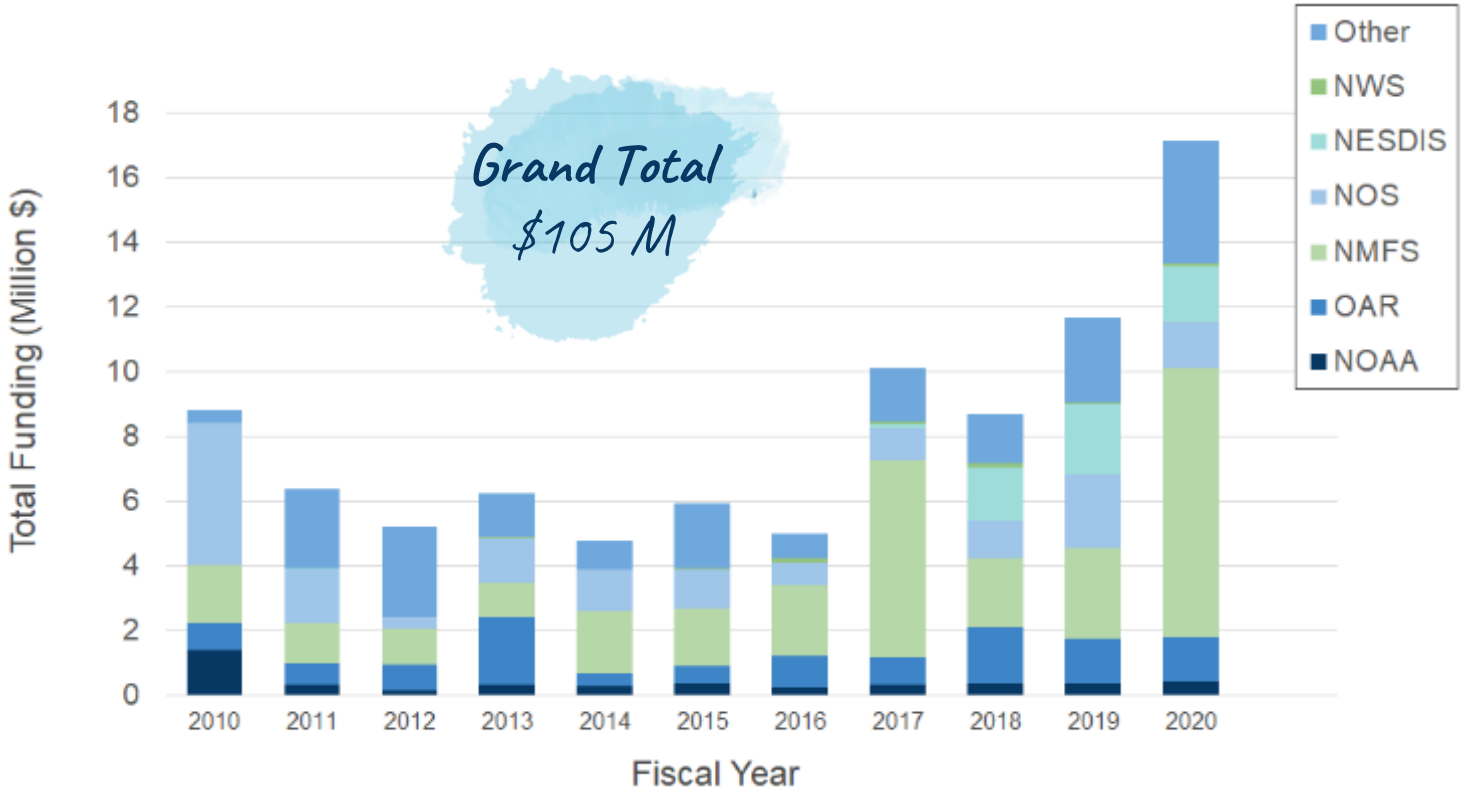


What NSGO is doing now?

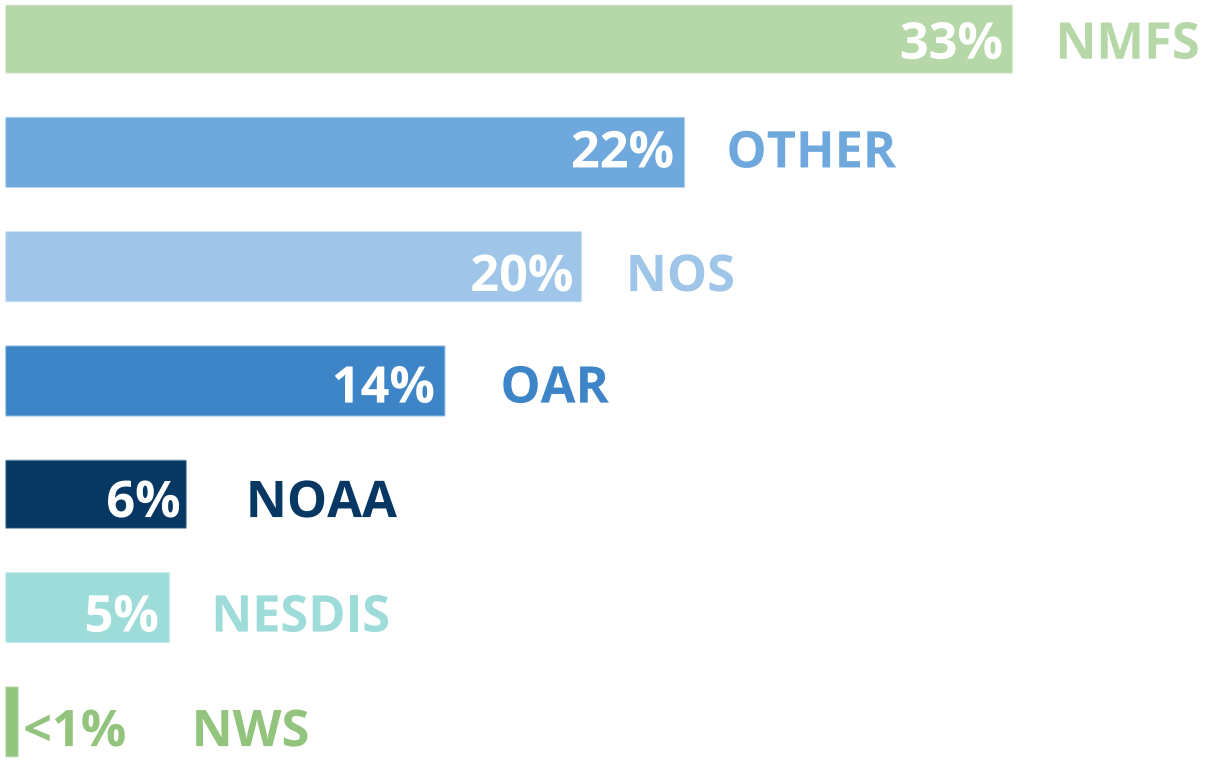
- ➔ Increasing diversity of Federal Partners (and Knauss hosts)
- ➔ Increasing co-funded calls for proposals
- ➔ Sustaining interactions (dispersed staffing)
- ➔ Utilizing multiple approaches and mechanisms
- ➔ Streamlining processes
- ➔ “Pushing” all parts of Sea Grant: Education, Extension, and Research

Virginia Sea Grant

Sources and Amounts of Passthrough: Grants/Contracts

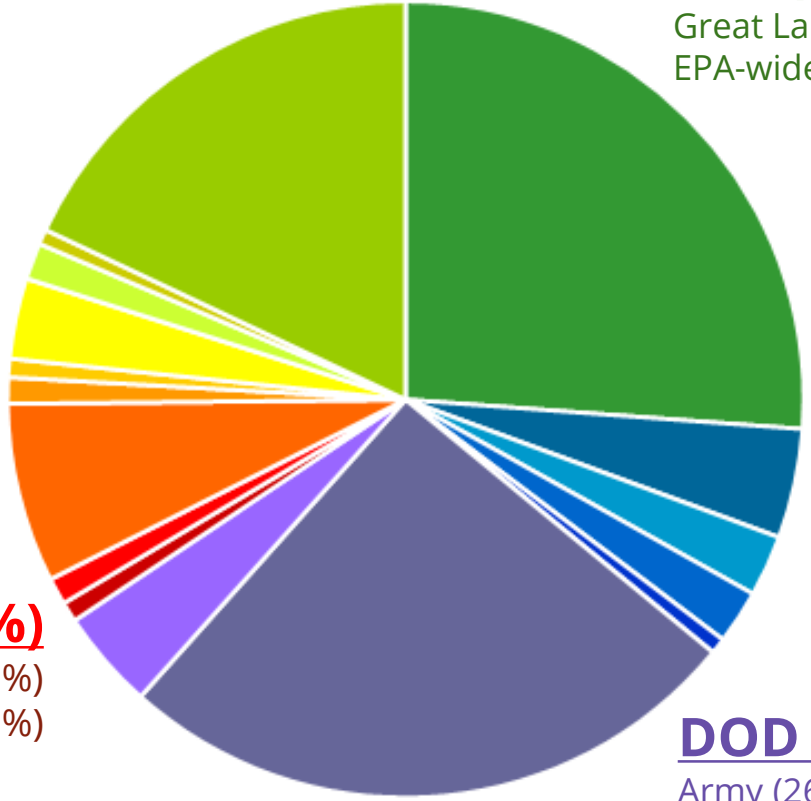


Percent of Passthrough by Sources (2010-2020)



~$23 M **22%**

OTHER…PASSTHROUGH SOURCES



EPA (44%)
Great Lakes Restoration Initiative (18%)
EPA-wide (26%)

INDEPENDENT (6%)
White House (1%)
MMC (2%)
NSF (3%)
USAID (1%)

DOI (8%)
USGS (1%)
DOI-wide (7%)

DHS (2%)
U.S Coast Guard (1%)
FEMA (1%)

OTHER DEPT (10%)
Energy (4%)
State (3%)
Transportation (2%)
Treasury (1%)

DOD (30%)
Army (26%)
Navy (4%)

Approaches & Mechanisms

Serve State Programs

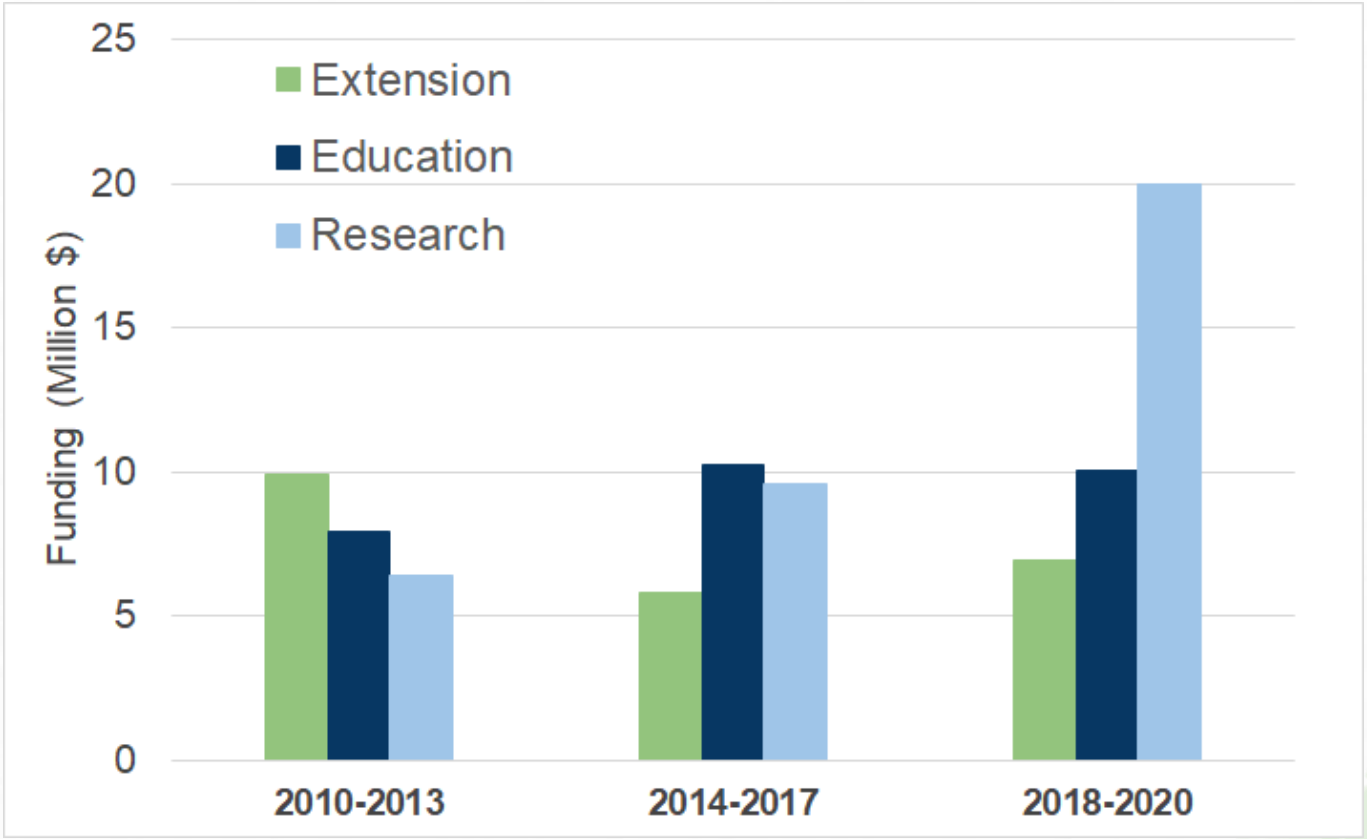
Passthrough

Congressional Direction

Strategic Connections

SG Federal Presence

By functional area all passthrough



Looking Ahead

Relationships

Refreshing PIER Partners

Creation of Partnership Toolkit

Partner Training

Sea Grant Network Alumni

Kola's Lessons Learned

- Always Connect – everyone is looking for someone to talk to!
- Watch what you say: on the elevator, in a coffee shop…
- NEVER BURN a Bridge – staff and politicos come back
- Be early and be prepared
- Set the stage - ask how much they know
- Short Answers – work to stop yourself when telling your story
- Be able to or have someone to "translate" language
- Make a personal or professional connection

Constant change

Keep smiling & take a deep breathe!

How are you getting ready for when the taps turn on?

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Sea Grant