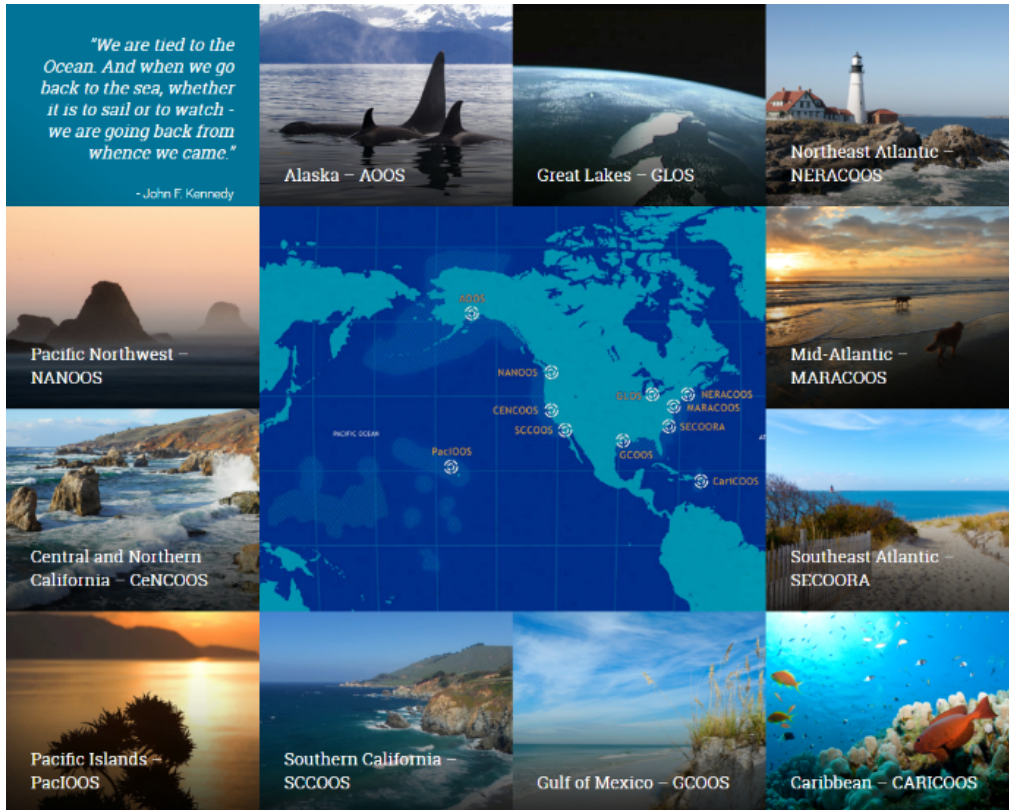


SECOORA Annual Meeting

June 2019
Josie Quintrell,
Executive Director, IOOS Association





- Advocacy
- Common Issues
- IOOS federal/non-federal partnership
 - Administration
 - Congress
 - National Partners
- Emerging Issues
- Special Projects

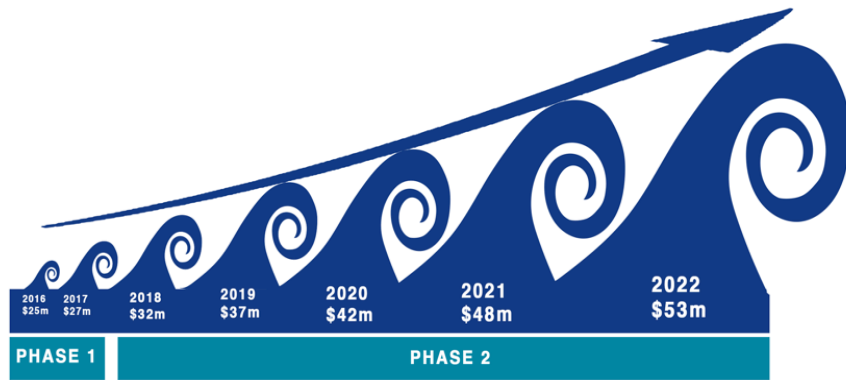
Observing our oceans, coasts and Great Lakes
*Providing information to those who need it,
 when they need it*



Congressional Outreach



Filling the Gaps: 5 yr Campaign



- Scalable campaign
- Tangible outcomes
- Align with Administration and Congressional Priorities
- Filling targeted gaps in:
 - HR Radars
 - Gliders
 - And Moorings?

CLOSING THE GAP CAMPAIGN Phase 2: FY18-FY23 Multiyear Strategy

Desired outcome of discussion: Input from the regions and the Program Office on how to organize a successful campaign to fill critical gaps



FY 17- 20 Request - Gaps Campaign



INTEGRATED OCEAN OBSERVING SYSTEM - IOOS

Saving Lives, Protecting Health & Promoting Commerce



Image courtesy of NOAA

Mapping Surface Currents



Image courtesy of USC

Seeing Underwater with Coastal Gliders

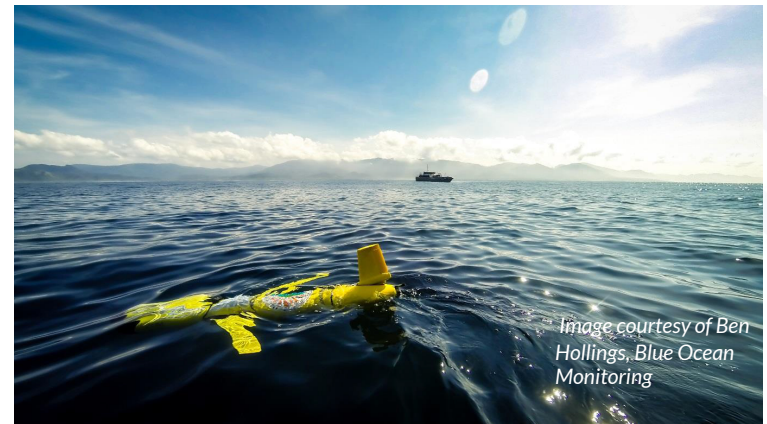


Image courtesy of Ben Hollings, Blue Ocean Monitoring

FY 20 Appropriations



Appropriations Chart for NOAA's National Ocean Service Regional IOOS

	FY14 Enacted	FY 15 Enacted	FY 16 Enacted	FY 17 Enacted	FY 18 Enacted	FY 19 Enacted	FY 20 Pres. Budget	FY 20 IA Request
Regional IOOS Total	\$28.5m	\$29.5m	\$29.5m	\$30.7m	\$35m	\$38.5m	\$19.4m	\$43.7m
<i>National network of regional infrastructure systems, gaps in radars and gliders</i>	\$24.3m	\$25.2m	\$25.2m	\$26.4m	\$30.7m	\$34.2m**	TBD	\$32.7m for systems, \$3.2m for radars, \$3.5m for gliders
<i>Marine Sensor Innovation Grants, Modeling Test Bed, Sensor Verification</i>	\$4.2m	\$4.3m	\$4.3m	\$4.3m	\$4.3m	\$4.3m	TBD	\$4.3m
U.S. IOOS Program Office*	\$6.6m	\$6.6m	\$6.6m	\$6.6m	\$6.8m	\$6.8m	TBD	\$6.8m
Total U.S. IOOS	\$35.1m	\$36.1m	\$36.1m	\$37.3m	\$41.8m	\$45.3m	TBD	\$50.5m

* Funding included in the Navigation, Observations and Positioning funding line

** Includes \$1.5m for Regional Ocean Partnerships

Reauthorization of the ICOOS Act of 2019



Senate - S 914 Marked up in Senate
House - HR 1314 Hearing held in House

Other Legislation

H.R. 1941 - Coastal and Marine Economies Protection Act

- Rep Cunningham (D-SC) and Rep Rooney (R-FL), H.R. 1941 would place a permanent moratorium on offshore oil and gas leasing in the Atlantic Ocean, Straits of Florida and Pacific Ocean.

H.R. 205 - Protecting and Securing Florida's Coastline Act of 2019

- Rep. Rooney (R-FL), and Rep Kathy Castor (D-FL), H.R. 205 would permanent the current moratorium that prohibits offshore oil and gas leasing off Florida's Gulf Coast through June 30, 2022.

S 933 – BLUE GLOBE Act

Sen Whitehouse (D-RI) and Murkowski (R-AK), S 933 would enhance ocean monitoring by enhancing interagency coordination, expanding ocean exploration, creating innovation prizes and ARPA O for Oceans

Ocean Acidification – House Passes 4 bills

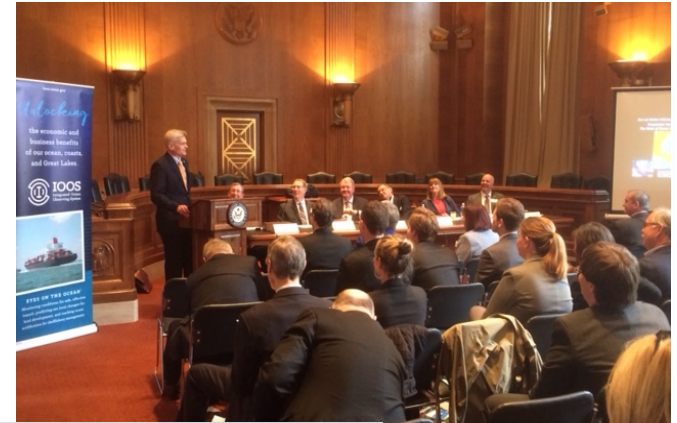
Coastal and Ocean Acidification Stressors and Threats (COAST) Research Act (Bonamici). Coastal Communities OA Act (Pingree), OA Innovation Act (Posey) and National Estuaries and Acidification Research Act (Kilmer)

National Ocean Partnership Program (NOPP) Rep Panette (D-CA) introduced H.R. 3161 introduced in House to reauthorized the NOPP, Senator Wicker (R-MS) S 1439 MARAD to strengthen public and private partnership for oceanographic research and education

Building Support in DC

GULF OF MEXICO CONGRESSIONAL BRIEFING

Are we better informed today than before Hurricane Katrina and the Deepwater Horizon Disaster? A discussion on the state of coastal observing in the Gulf of Mexico.



SENATE OCEANS CAUCUS BRIEFING

Coastal Innovations: Enhancing security, economy and the environment

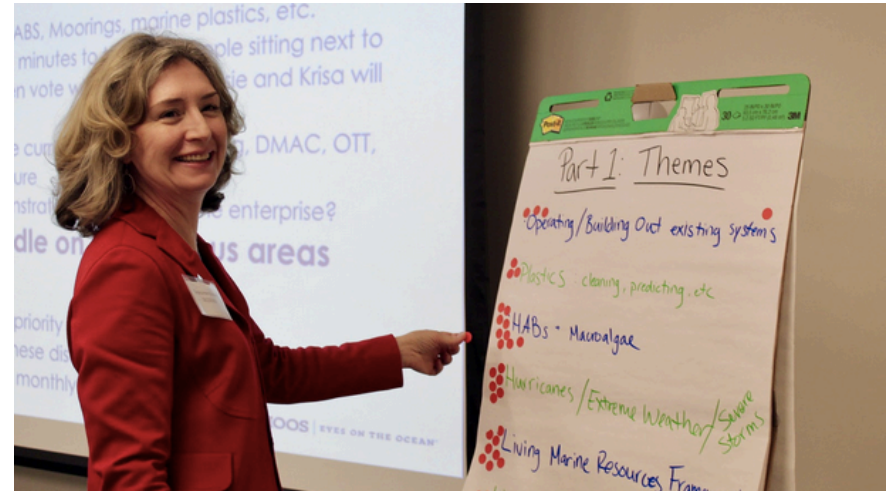


SENATE OCEANS CAUCUS BRIEFING

Buoying our Nation's Economy: The Role of Ocean Data in Supporting the Blue Economy



IOOS Coordination Meetings – March & Sept



Special Focus - Biology

HABs – operational observing network

Fisheries – integration of NMFS data

Marine biodiversity - adoption of data standards (Darwin core)

Sound - acoustics

New technologies - eDNA, IFCB, ESPs, etc

Stakeholder needs – RA identifying

Major Milestone: Certified National Network

Integrated Ocean Observing System (IOOS) Supports a National Network of Certified Regional Observing Systems

IOOS is essentially the weather service for the coastal ocean and Great Lakes, providing the ability to “see” what is happening above and below the water surface and making these insights readily available.

IOOS consists of 17 federal agencies with 11 regional observing systems.

All 11 regional observing systems meet rigorous federal standards for governance and data management.

Why Certification Matters

- IOOS provides national consistency while addressing unique and diverse regional needs.
- IOOS provides ready access and preserves data with transparency and documentation.
- Certification enhances efficient interagency coordination at the regional and national level.



Looking Forward

- Policy Meetings
 - IOOS Ex Comm and Program Office Leadership Discussion
 - Gaps Campaign and beyond
 - Funding decisions, building the network
- Economic Valuation - SECOORA part of pilot project
- Outreach Committee
- Ocean Obs 19 -- Hawaii 2019 – IOOS turns 20
- HAB operational network
- Recap, Biology, Unmanned vehicles
- 2020 All Hands Community of Practice



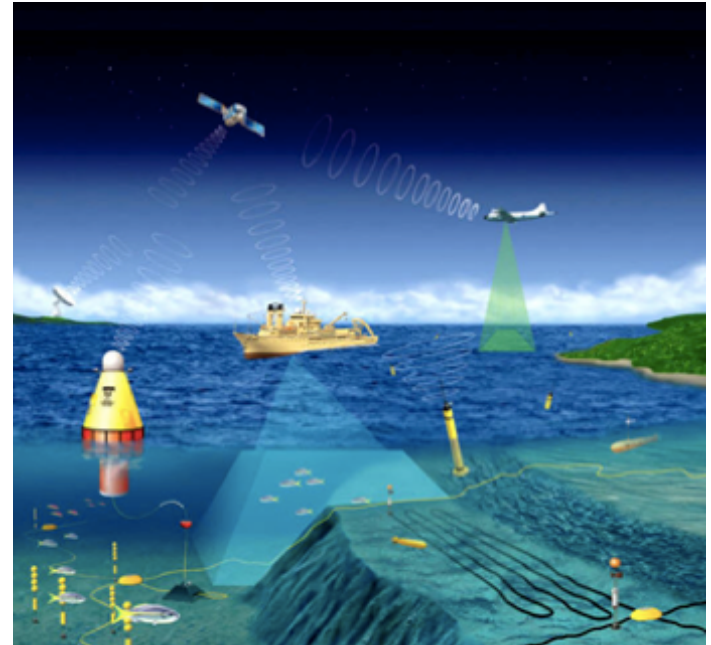
Thank you



Special Projects

Philanthropy

- the effort or inclination to increase the well-being of humankind, as by charitable aid or donations



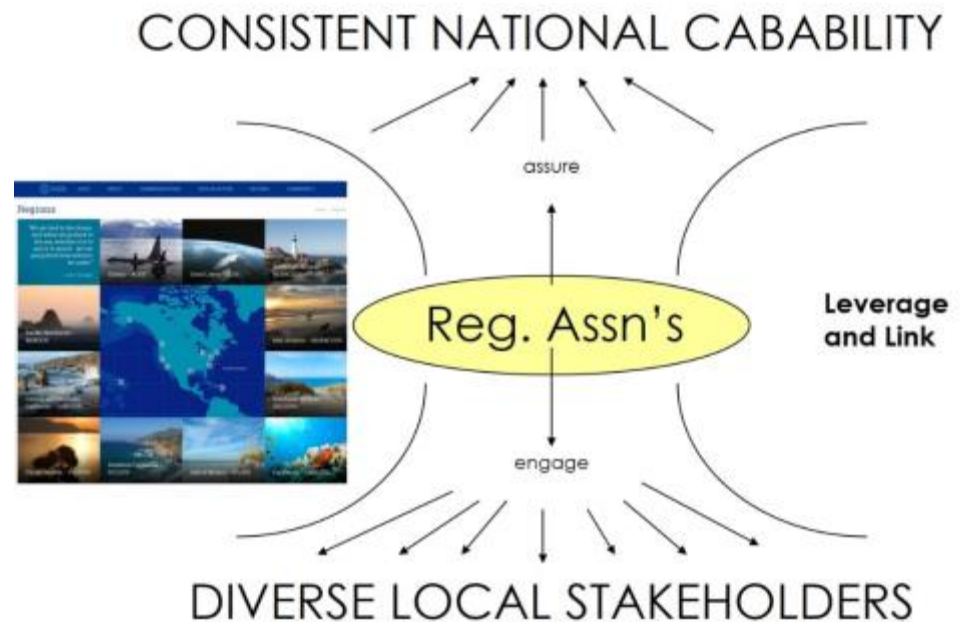
Economic Value of IOOS



RA User Survey

U.S. Integrated Ocean Observing System (IOOS®)

- Stakeholder-driven, science-based and policy-neutral



Legislation

- Reauthorization of the ICOOS Act of 2009
 - S 914 -
 - Sen Wicker (R-MS) and Cantwell (D-WA) sponsors
 - Marked up in Committee
 - HR 1314
 - Rep Young (D-AK) sponsor
 - Hearing last week , w/Sea Grant
- Other bills
 - BLUE GLOBE (Bolstering Long-Term Understanding and Exploration of the GL, Oceans, Bays and Estuaries) Senate Ocean Caucus Bill on Monitoring,
 - NOPP – revitalizing the Nat'l Ocean Partnership Program
 - OA Bills in House COAST



Building Support in DC

SENATE OCEANS CAUCUS BRIEFING

Buoying our Nation's Economy: The Role of Ocean Data in Supporting the Blue Economy



SENATE OCEANS CAUCUS BRIEFING

Coastal Innovations: Enhancing security, economy and the environment



Economic Valuation – SECOORA

- Determining the value of IOOS Data
- Working with Dr Charlie Colgan of the Monterey Center for the Blue Economy
- Testing in 3 RAs this summer, SECOORA, CeNCOOS and NERACOOS

Upcoming Association

- Next five year proposal - 2020
- Ocean Obs 19 – Sept 16-20 Honolulu 20th Anniversary
- IOOS Federal Advisory Committee - June 3-4
- July Work Session - Future of the Gaps – Next Gen IOOS
 - Gaps Campaign, Aging Infrastructure, Emerging needs, Funding
- Economic Valuation Project – piloting this summer in 3 regions, expand to all next year
- National Partnerships – FoNOAA, Blue Group, NOS Roundtable, COL
- Hill - Monitor legislation - HABs, Weather CeNOTE Bill,
- Outreach Committee – Katie organizes, range of topics from outreach, products, and communications

- Add Picture of Decadal Study
- Ocean Obs 19
- UN Decade of the Ocean

FY 20 Request - \$43.7 m for Regional IOOS



INTEGRATED OCEAN OBSERVING SYSTEM - IOOS

Saving Lives, Protecting Health & Promoting Commerce



Image courtesy of NOAA

Mapping Surface Currents \$3.2m



Image courtesy of USC

Seeing Underwater with Coastal Gliders \$3.5m



Image courtesy of Ben Hollings, Blue Ocean Monitoring

OCEAN™