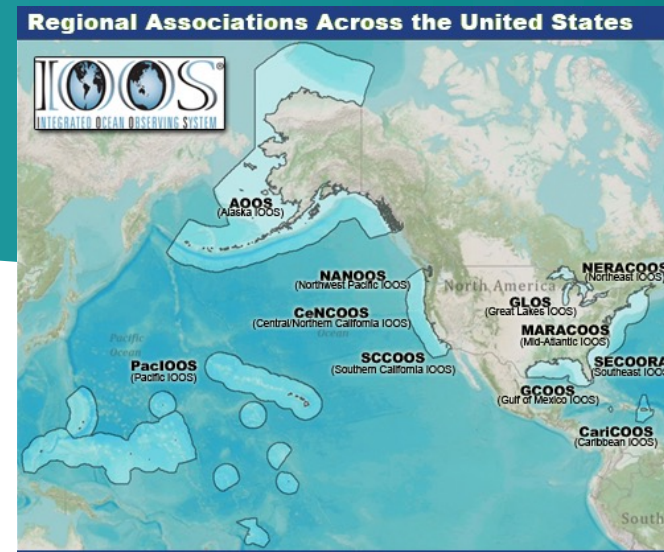


AOOS Background



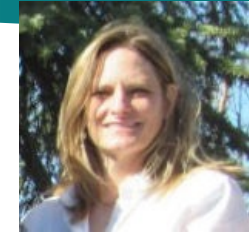
Who is AOOS?

- Part of Integrated Ocean Observing System (IOOS)
- NOAA Program
- 1 of 11 Regional Associations across U.S.
- Governed through Memorandum of Agreement with member from state & federal agencies, academe institutions, research facilities, industry, non-profit, Alaska Native



Staff

- Sheyna Wisdom selected as Executive Director Jan 2021
- Molly McCammon staying on as Senior Advisor through at least May 2022
- Jill Prewitt, Regional Data Sharing Coordinator, started in Apr 2021
- Thomas Farrugia, Alaska Harmful Algal Bloom (AHAB) Coordinator, started in Nov 2021
- Darcy Dugan, Director of Ocean Acidification (OA) Network
- Carol Janzen, Director of Operations
- Holly Kent, Director of Administration & Outreach



Ecosystem Moored Observatories

- Moored Ecosystem Observatories in Chukchi Sea, southern and northern Bering Sea
- OA sensors on the Beaufort Lagoon Ecosystems Long Term Ecological Research Moorings in the Beaufort Sea

Wave Buoys

- Seasonal Coastal Data Information Program (CDIP) Wave Buoy in Nome
- New projects to support community wave buoy installations using Sofar buoys

Weather Stations

- 15 Weather stations co-installed with AIS stations

Glider Surveys

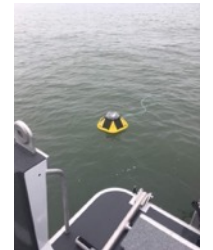
- Annual glider surveys in Chukchi Sea mapping marine mammal acoustic detection and oceanographic data
- Ecosystem glider surveys planned for Bering Sea 2023

High Frequency Radar (HFR) Installations

- 3 sites in Chukchi & Beaufort Sea coasts
- 2 sites in Bering Strait region, with new one in 2022

Water Level Stations

- 2 GNSS-Reflectometry water level stations in Norton Sound & Utqiagvik
- 2 NWLON-LITE water level stations in Bristol Bay region
- 7 iGage & Radar water level stations in western AK communities



New Grants

- U.S. Integrated Ocean Observing System (IOOS)/NOAA 5-year cooperative agreement 2021-2025
- World Wildlife Fund (WWF): Russia-US Bering Sea Incident Response Tool
- National Park Service (NPS) Beringia Program: Russia-US biodiversity database integration
- National Science Foundation (NSF) Convergence Accelerator Program: Sofar Wave Buoys in Indigenous communities
- Alaska Sea Grant HABs and Ocean Acidification (OA) Sampling program: partner with Alaska Conservation Foundation (ACF)

Stakeholder Outreach/Engagement

Data Portal Enhancements

Seek New Partnerships

Continue to Cultivate Existing Partnerships

Continue Innovative Technologies