

November 2022 Monthly Update

HIGHLIGHTS

IOOS Fall Meeting - Sheyna, Molly, and Holly traveled to Puerto Rico for the annual IOOS fall meeting hosted by CARICOOS. This was Sheyna’s first in-person meeting with the IOOS team and Holly’s first IOOS meeting. We also celebrated Molly for the [2022 IOOS Caraid Award](#) and Josie Quintrell’s retirement from the IOOS Association.



ADMINISTRATIVE

Progress Reports - We are coming up on the semi-annual progress reporting season! The “old” agreement report is due at the end of December and the “new” agreement report is due at the end of January.

Annual Audit - Our fiscal sponsor, Alaska SeaLife Center, is in the throes of the annual audit for NPRB, AOOS, and ASLC. Good luck to all!

Director of Outreach - Alice Bailey, our new Director of Outreach, will start December 5. We will update you next month!

PROPOSALS/AWARDS

Update from NSF Backyard Buoy program - Phase II of the Backyard Buoy program has commenced! Sheyna, Jordan Watson from PacIOOS, and Roxanne Carini from NANOOS are now participating in the Stanford University Center for Professional Development Idea to Market Entrepreneurship Program. We have also started monthly Working Group meetings. We will be planning for the open-water season deployments of Spotter wave buoys in whaling communities after meeting with the Alaska Eskimo Whaling Commission at their December meeting in Anchorage.

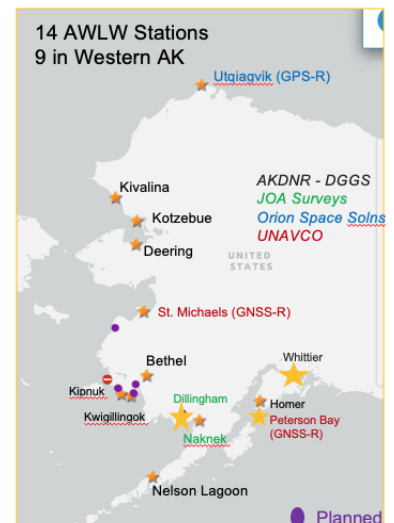
IOOS

Infrastructure Funding - AOOS is expecting to receive funding in December for the Bipartisan Infrastructure Law (formerly known as the Infrastructure and Investment in Jobs Act [IIJA]).

IOOS Federal Advisory Committee - Molly began 5 days of IOOS FAC meetings on November 28 and 30, continuing on December 1 - all virtual - and then December 5 and 6 in person in Washington DC. The committee is developing recommendations on coastal climate change, the blue economy, and diversity and equity.

COLLABORATIONS/PARTNERSHIPS

Alaska Water Level Watch (AWLW) - Carol presented at the Alaska Coastal Mapping Summit on Nov 16-17, reporting out on the AWLW activities, emphasizing the importance of providing access to water level observing information being collected in Alaska in addition to the NOAA National Water Level Observing Network. Today, we are proud to announce that the AWLW data portal is reporting 50% more real-time water level data for Alaska, having added 14 water level stations to augment the 27 NWLON stations. Most of the AWLW stations (9) are in western Alaska, doubling the water level observing capacity there through the installation of alternative water level observing technologies. Other topics included projects related to the [Alaska Coastal Mapping Strategy](#).



Maps showing current NWLON water level observing stations (Left), and the AWLW stations (right).

[Gulf Watch Alaska](#) Longterm Research and Monitoring Program (GWA-LTRM) - The GWA-LTRM is an ongoing ecosystem recovery program funded through the *Exxon Valdez Oil Spill* Trustees Council (EVOSTC). Carol, Stacey and Chris from Axiom Data Science provided an update on the AOOS/Axiom Data Management Program (also an EVOSTC program) for this effort at the recent GWA-LTRM meeting on Nov 7. Since its inception in February 2012, the GWA Program has developed, and continues to sustain, long-term time series data about the EVOS-affected regions of the Gulf of Alaska. The EVOSTC-funded [Herring Research and Monitoring Program](#), based in Prince William Sound, is now a component within the GWA-LTRM Program. Data from these unprecedented longterm ecosystem recovery observations are synthesized into products to assist management actions, inform the public and guide further monitoring priorities.

Alaska Ocean Acidification Network - The Network has begun working on a 2023 legislative request to reinstate two OA moorings that were pulled in 2016 due to lack of maintenance funds. Darcy facilitated a meeting on Nov 22 to get input from the research community on information gaps and locations where they could be deployed. Two of Alaska’s Burke-o-Lators are also under review for relocation, and the conversation about asset placement will continue over the next month with stakeholders. Darcy also hosted a meeting of the OA Community Sampling Working Group. The group discussed the need for two positions that would work across regions: a data analyst/synthesis lead and a statewide BoL tech. These capacity needs will be included in the comments the network is drafting for Senator Murkowski’s Working Waterfronts framework. If you missed it, check out the [Alaska OA Network November eNews](#). Articles include a successful Southeast research cruise, an essay on life aboard the cruise through the eyes of an intern, Spring Discussion Series take-aways, OA sampling added to Bering Sea Fisheries surveys, Q&A on Arctic acidification, a crab & climate panel at the Pacific Marine Expo, and a Good News Corner on clean energy investments.



November e-News



Alaska Marine Ecosystem (AME) Network

- AOOS (Thomas) will host an AME network discussion at AMSS - the goal of this discussion will be to present this nascent network to the research community and start building an organizing committee and invite network members.

Alaska Harmful Algal Bloom (AHAB) Network

- The AHAB network steering committee met in November to discuss the HAB events that occurred this past season and the upcoming outreach opportunities.
- Thomas is planning two HAB discussions in the upcoming months:
 - a 3-hour HAB research discussion during AMSS (January 27) in Anchorage where HAB researchers will discuss ongoing HAB research projects and other needed research efforts. Anybody interested in attending this discussion should fill out [this google form](#).
 - a 3-day HAB workshop in March 2023 with the goal of sharing knowledge and current efforts on HABs around Alaska, understanding the needs of different groups around the state, and planning how to meet those needs. Anybody interested in attending this workshop should fill out [this google form](#).
- Thomas is working on a HAB video that will show the unique challenges of HABs in Alaska. Footage and interviews will be recorded this fall/winter and the video is expected to be ready in the spring 2023.

ARCUS Annual meeting - Sheyna gave [AOOS Update](#) at the annual ARCUS meeting on November 1.

ENGAGEMENT METRICS

Audience Name	Type of Presentation	# of people
Alaska Coastal Mapping Summit	Oral Presentation	A lot
OA Community Sampling Coordination Group	Facilitated meeting	14
Buoy/Burke-o-Lator Placement Discussion	Facilitated meeting	23
IOOS Fall meeting	Sheyna presented Backyard Buoys t	50
ARCUS Annual Meeting	Recorded video update	40
Alaska Harmful Algal Bloom network	Monthly meeting	34

Sheyna Wisdom, Molly McCammon, Carol Janzen, Holly Kent, Darcy Dugan, Jill Prewitt, Thomas Farrugia, Megan Onders, and our data team at Axiom