

***Celebrating 10 years of eyes on Alaska's oceans and coast!***

**AOOS 10<sup>th</sup> anniversary** – In honor of AOOS' 10<sup>th</sup> birthday, we are highlighting moments in Alaska ocean history from the past 10 years at the top of the AOOS homepage and Facebook. If you have a momentous event to add, please email Darcy (dugan@aoos.org). Also, please tell your colleagues about the AOOS Short Film Contest 10 minutes or less with a \$1,000 prize. Submissions due Sept 15<sup>th</sup>. <http://www.aoos.org/film-contest/>. Films will be shown at the AOOS 10<sup>th</sup> Anniversary Celebration on Nov 19<sup>th</sup> at the Anchorage Museum.



**ADMINISTRATIVE**

**AOOS Board Executive Committee** – The EXCOM met April 21 to review Molly McCammon's past annual performance and proposed performance objectives for the upcoming year.

**MEETINGS/CONFERENCES/TRAVEL**

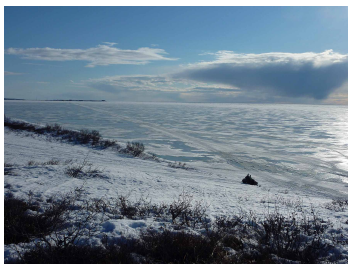


**Community-Based Monitoring Workshop** – On April 1-2, AOOS and Alaska Sea Grant convened *Community-Based Monitoring: Observing Alaska's Coasts and Oceans*. The workshop drew about 140 scientists, community members, and representatives from organizations, universities and agencies involved in community-based monitoring throughout the state and across the Arctic. Keynote speakers included Henry Huntington (Pew), Heidi McCann (ELOKA), Julia Parrish (COASST) and Fran Ulmer (USARC). A workshop report and handbook for funders and monitoring programs are forthcoming.

The workshop was followed by a session focused on the Gulf Watch Alaska region (Prince William Sound, outer Kenai coast, and lower Cook Inlet), exploring potential opportunities for CBM and citizen science in the future.

**Arctic Observing Summit (AOS)** – Molly attended the AOS in Helsinki Finland April 8-11 and presented the new AOOS Ocean Data Explorer during a panel on data. The AOS is attended by all the major monitoring networks in the circum-Arctic. The next AOS will be in Fairbanks in March 2016.

**STAMP workshop** – Darcy Dugan led the final workshop April 16 for the Spatial Tools for Arctic Mapping and Planning project, which developed the AOOS Arctic Portal. Fifty people participated in the workshop, which included a live demo of the tool, case studies by practitioners on how it can be applied, and discussion sessions on next steps.



**NWAB Science program** – Molly has been asked by the Northwest Arctic Borough to sit on an advisory committee for the borough's new science program, supported with new funding from Shell. The committee's first meeting was held in Kotzebue April 22-25, in conjunction with the Western Alaska Interdisciplinary Science Conference (which rotates among western AK communities). Molly presented the AOOS Ocean Data Explorer and described AOOS projects at both meetings.

**Kodiak Science conference** - Ellen attended the Kodiak Marine Science Symposium on April 23-24 and gave a presentation on AOOS data tools and resources, including a demo of the Gulf of Alaska Portal.

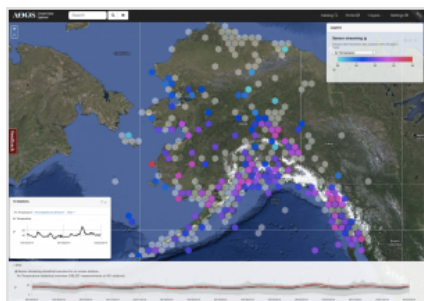
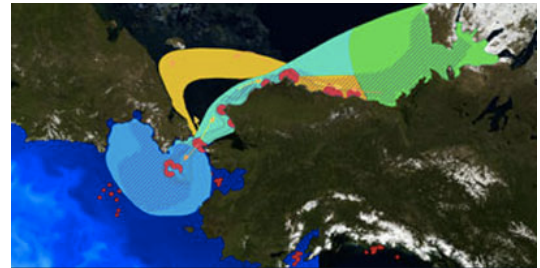
## PROPOSALS SUBMITTED

**NSF DIBBS proposal** – AOOB partnered with the University of Colorado, Axiom Consulting & Design and University of Alaska to submit a proposal to NSF’s Data Infrastructure Building Blocks solicitation. The proposed project would create technological interfaces between partner data systems and develop new tools to serve user communities.

**IOOS Systems Integration Test** - AOOB and partners (AK Climate Science Center, ABSI LCC, Audubon) put forth a successful proposal to the national IOOS office to run a change detection analysis. This was based on the need for an analytical process to explore multiple climate projection layers recently produced by Hermann, Bond and Gibson et al. to look for ‘significant’ changes in variables across Important Bird Areas. This analysis will also be a key step in the Aleutian and Bearing Climate Vulnerability Assessment ([ABCVA](#)).

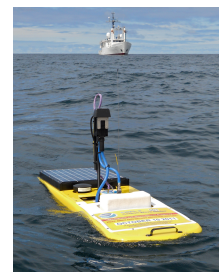
## UPDATES

**Statewide AOOB Ocean Data Explorer launched** – The Explorer covers the three large marine ecosystems (Arctic, Bering Sea, and Gulf of Alaska) so users can access every publicly accessible data set held by AOOB from this common entry point. Over 500 data sets are available. (Think: shoretype characterization, habitat maps, wave forecasts, sampling locations, historic vessel traffic, real-time sensors, community socio-economics, and much more). Check it out: <http://portal.aob.org/alaska-statewide.php#>



**Real-time Sensor Map Updated** - AOOB rolled out an updated version of the real-time sensor map, which connects to over 1,300 stations across the state. The new map uses a cluster approach when zoomed out, and allows users to switch between metric and English units, select base layers such as NOAA charts or topography, and overlay the real-time stations with other types of data. <http://www.aob.org/new-sensor-map/>

**New OA monitoring underway** – Beginning the first week of May, a new ocean acidification study will commence in Prince William Sound. Between now and September, autonomous gliders, transiting vessels, and a buoy will be sampling sea water with state of the art technology to identify acidity hotspots and trends. The project, funded mostly by the National Oceanic and Atmospheric Administration’s Ocean Acidification Program, is led by Jeremy Mathis from NOAA PMEL and Wiley Evans from UAF’s Ocean Acidification Research Center, in partnership with AOOB.



## GOING FORWARD – Some Key Upcoming 2014 Activities

May 21-23	The Gathering, Alaska Conservation Foundation
June 7	Copper River Nouveau, Cordova
June 8	World Ocean Day
June 9-13	Capitol Hill Ocean Week
June 11-13	Gulf Research Program meeting in Tampa, FL – McCammon
June 16-18	PAME Ecosystem Management Working Group, Vancouver BC
June 22	Anchorage Coastal Cleanup Day
Sept 15	Deadline for AOOB film contest submissions
May 5-30	Molly on personal leave
May 26–June 18	Darcy on personal leave

**Molly McCammon, Darcy Dugan, Ellen Tyler and Rob Bochenek**