



SCCOOS News

The IOOS Regional Association Serving Southern California

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February Activities

You can find a running list of our [day-to-day](#) on our website

February 2	Carlsbad Aquafarm Meeting
February 8-9	IOOS Biological Data Training Workshop – Seattle, WA
February 11	OceanObs Research Coordination Network Forum– Seattle, WA
February 12-16	Ocean Sciences 2018 – Seattle, WA
February 13	San Diego MPA Community Collaborative Outreach Subcommittee Meeting
February 21	San Diego Surfrider Presentation, Tijuana Plume Tracker – Imperial Beach Library
February 28	HAB meeting at CISESE – Ensenada, Mexico

Ocean Sciences Brings Together the US IOOS Community

Ocean Sciences was held in Portland, Oregon February 11-16. Topics discussed included all aspects of oceanography with careful attention on new and emerging research on the global ocean and society. In addition to a booth hosted by IOOS there were many engaging ocean observing related activities like the ones listed below;

- OceanObs Research Coordination Network Forum
- Town Hall meetings discussing US fishery management, societal benefit from ocean observations and models, West Coast ocean assessments and modeling forums in support of an integrated water prediction system.
- CeNCOOS meet and greet, introducing their new program manager Alex Harper and Director, Henry Ruhl

Many representatives from IOOS were there, including SCCOOS's Executive Director, Clarissa Anderson. On February 15th, Clarissa presented on her abstract at the Community-based modeling forum in support of integrated water prediction town hall entitled, "Extending the Reach of Quasi-Operational Harmful Algal Bloom Forecasts to Estuarine Shellfish Harvesting in Coastal California".



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SCCOOS Participates in IOOS Biological Data Training Workshop

IOOS co-sponsored their first data workshop with the Ocean Biogeographic Information System (OBIS – USA, US Geological Survey) in Seattle on February 8 & 9. This workshop was also coordinated with the International Oceanographic Commissions' (IOC) OceanTeacher Global Academy and OBIS international. Built on a successful partnership between IOOS and OBIS, the workshop developed a community of practice around the management and analysis of biological ocean observing data. Both Clarissa Anderson (Executive Director) and Vicky Rowley (SCCOOS Data Manager) were in attendance with our Harmful Algae Bloom Data in tow. The goal of the training was to educate participants on the benefits, goals, technology and process to make biological data more widely accessible in standardized formats. You can explore the training materials on the [OceanTeacher website](#).

SCCOOS Presents on the Tijuana Plume Tracker to Surfrider

Surfrider began in Malibu, CA in 1984 and aims to protect coastal ecosystems through initiatives like; clean water, beach access, beach preservations and protecting special places. Surfrider's San Diego Chapter is one of the largest and most active in the world, as it totes 70 miles of coastline to protect.

On February 21st, SCCOOS program coordinator, Danielle Muller, presented on the [Tijuana Plume Tracker](#). The plume tracker is a trajectory estimate that shows where the Tijuana River plume may be impacting the coast, when it is flowing.



The tracker is regularly used by the San Diego County of Environmental Health, local lifeguards and the public when trying to understand potential water quality impacts. The take-away from the presentation was that the Tijuana River must be flowing in order for the plume to be transported into the coastal zone. Due to the low levels of rainfall in San Diego, much of the year the river is not flowing at all.

Call for nominations on Behalf of NOAA's Hydrographic Services Review Panel

NOAA is [searching for](#) federal advisory members that will have the authority to acquire, disseminate, promulgate standards and ensure comprehensive geological coverage of hydrographic data. They are specifically seeking voting members with expertise in marine navigation and technology, port administration, marine shipping or other intermodal transportation industries, cartography and geographic information systems, geodesy, physical oceanography, coastal resource management, including coastal preparedness and emergency response, and other related fields. Nominations due no later than **May 25, 2018**.



New Long-Term Acidification Buoy Deployed in SF Bay

A [project funded](#) by US EPA, CeNCOOS and NOAA's Pacific Marine Environmental Lab deployed a companion mooring for MARI (Marine Acidification Research Inquiry) called BOB (Bay Ocean Buoy) to perform long-term scientific monitoring of ocean acidity and carbon dioxide in San Francisco Bay. These two moorings will also assist in tracking the success of efforts to manage local water quality to conserve natural habitats.

