SCCOOS News

The IOOS Regional Association Serving Southern California

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June, July and August Activities

Below are a few highlights form the past three months. Please visit our activities log to see a more exhaustive list.

June 3	US IBWC Citizen's Forum Meeting – Imperial Beach, CA
June 12	State of CA Public Workshop: Sea Level Rise and Safeguarding CA – San Diego, CA
June 13	Scripps Oceanography Pier Symposium – San Diego, CA
June 21	SCCOOS Board Executive Committee Call
June 26	SCCOOS overview presentation at the San Diego Freedivers Club Meeting – San Diego, CA
July 7	Meeting with George Robertson, Orange County Sanitation District Senior Scientist – Ocean Monitoring Unit – La Jolla, CA
July 12	SCCOOS hosts CA DFW Oil Spill Prevention and Response meeting – La Jolla, CA
July 21	Channel Islands National Marine Sanctuary Meeting – Santa Barbara, CA
August 9	Southern California Beach Water Quality Work Group Meeting – Costa Mesa, CA
August 21	Congressional Representative Alan Lowenthal Event – Long Beach, CA
August 25	US Coast Guard Sector San Diego Meeting and Tour – La Jolla, CA
August 25	San Diego County of Education and Birch Aquarium Curricula Meeting – Linda Vista, CA
August 25	Congressional Representative Juan Vargas Meeting and Tour
August 28	State of California OAH Meeting – Tiburon, CA
August 31	Congressional Representative Salud Carbajal Meeting – La Jolla, CA

SCCOOS has had a busy summer! Our *Ocean Observing Community* is as good as it gets!
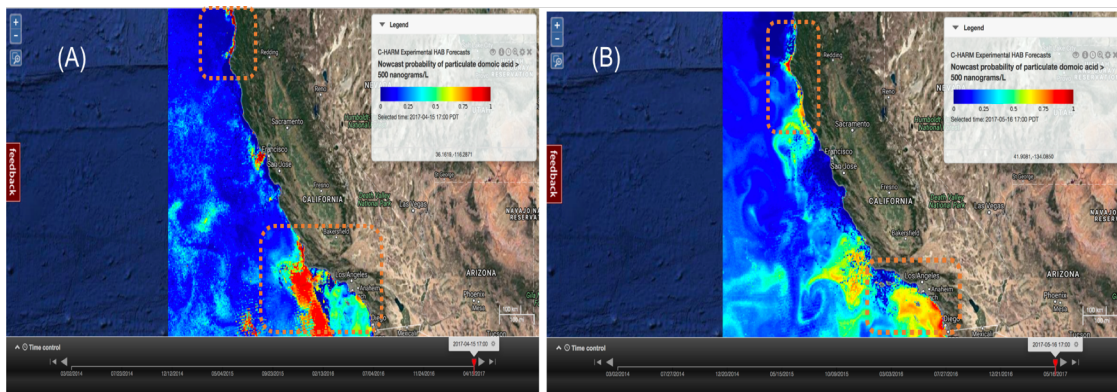
Southern California Harmful Algal Bloom Update

The bloom lasted **April – June** and spanned the entire Southern California Bight (Santa Barbara Channel to Baja)
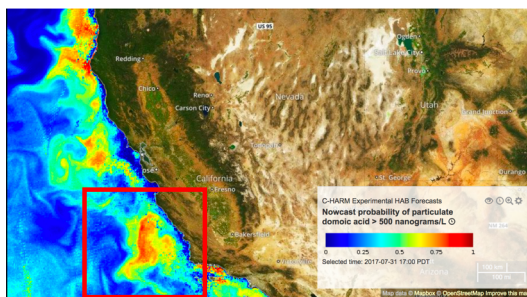
(A) April 1 = Onset of DA Event   (B) May 17 = HAB moves South & North

Impacts: Sea lions, elephant seals, dolphins, sea birds stranded and/or died in the Bight, potentially reaching a thousand animals (even whale deaths may have been linked).

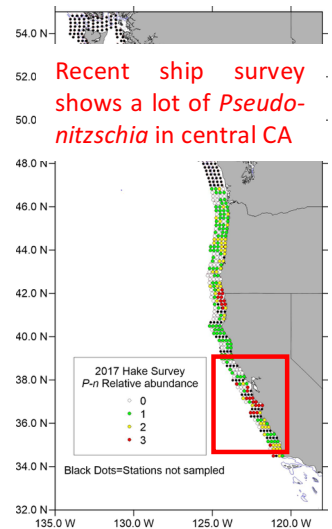**What's happening offshore?** Domoic Acid causing sick sea lions again

What's happening nearshore? Dinoflagellate bloom = stinky beaches and fish kills?

Recent ship survey shows a lot of Pseudo-nitzschia in central CA

Prediction map of Domoic Acid risk *shows high DA offshore of SLO County*

Articles related to this bloom
San Francisco Chronicle, SLO Tribune

SCCOOS/CDIP Briefing and Tour for Rep. Alan Lowenthal

On August, 21st, 2017, Rep. Lowenthal and his staff were briefed on the importance of wave observations at the Port of Long Beach followed by a bar pilot vessel excursion. The vessel excursion not only passed the Long Beach Channel wave buoy (funded by NOS specifically for the Under Keel Project) but, dropped off two pilots, one on an oil tanker and another on a container ship! The event was made possible by our partners at Jacobsen Pilot Service, the Coastal Data Information Program (CDIP), The Marine Exchange of Southern California, and Andeavor (formerly Tesoro).

Ocean Tipping Points Project Hosting a 3-day *All Expenses Paid* Workshop in November in Santa Barbara

The Ocean Tipping Points Project, an interdisciplinary research collaboration among academic, non-governmental and governmental partners, is hosting a workshop for scientists and practitioners of marine ecosystem management. With generous support from the Gordon and Betty Moore Foundation, we are offering an **all-expenses paid** 3-day training in **Santa Barbara, CA, November 1-3, 2017.**

This hands-on workshop will help resource managers understand and apply a suite of scientific tools and methods to support effective management decisions related to **ecological regime shifts, fisheries collapse and other types of dramatic ecological change in the ocean**. Check out the web portal to see the types of topics, methods and studies we will draw on in this course. The workshop will be team-taught by our inter-disciplinary team of scientists and law/policy experts with experience developing and applying these methods.

SCCOOS Data Management Job Opportunity Filing Deadline SEPTEMBER 6TH!

Calling all Data Managers!! SCCOOS has an Information Systems Analyst 3 career appointment open on the UC San Diego Jobs Page.

DESCRIPTION

Applies professional concepts, department/unit and campus/medical center/OP policies and procedures to resolve a variety of complex issues in one or more IT areas of specialization. Analyzes complex issues. Within defined procedures and practices, determines appropriate action.

Serve as the functional leader for SCCOOS, a multiple function, networked, end-to-end computing facility including system administration, software development, development of quality control statistical, graphics and heuristic methodology, archive and data dissemination.

Design and develop software applications, algorithms and analysis techniques to support the goals of SCCOOS which include the acquiring, archiving, processing and disseminating of environmental data (numerous parameter types for SCCOOS). Represent SCCOOS at national data management meetings, participating as an engaging and active member.

QUALIFICATIONS - *go to webpage for the full list*

- Broad knowledge of various areas of IT. Ingest data from multi-site systems. Database management Data analysis and quality control Visualization design and operation

- Advanced skills associated with programming design, modification and implementation. Basic knowledge of secure software development. Demonstrated ability to create software specifications. Specific working knowledge of PYTHON.

- Proven ability to install software and troubleshoot and repair moderately complex problems with computing devices, peripherals and software. Understanding of and experience troubleshooting client, server and peripherals-related issues and actions that can be taken to improve or correct performance.