



SCCOOS News

The IOOS Regional Association Serving Southern California

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September Activities

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

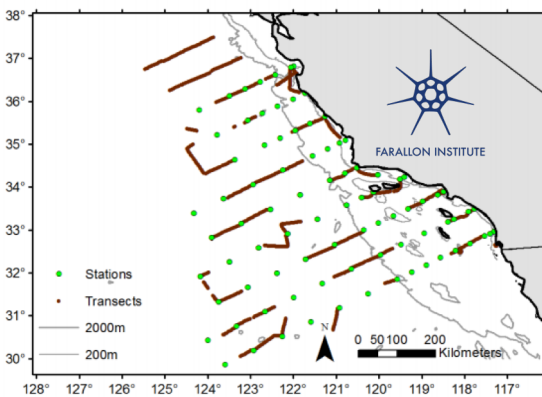
Sept 6	George Sugihara Lab Meeting
Sept 7	US International Boundary Water Commission Citizen's Forum Meeting – Imperial Beach, CA
Sept 11	Birch Aquarium Perspectives in Ocean Science Outreach Presentation, Algal Blooms - La Jolla, CA
Sept 12-15	Senate Ocean Caucus Sponsored Information Briefing – Washington DC
Sept 14	SCCWRP Bight '18 Kickoff Meeting – Costa Mesa, CA
Sept 16	NWS WeatherReady Fest – Santa Ana, CA
Sept 17-20	Eastern Pacific Ocean Conference (EPOC)
Sept 19	NASA ARSET Webinar – CA Harmful Algae Risk Mapping (C-HARM) System Presentation
Sept 19	City of Encinitas – Citizen Science Meeting
Sept 21	US Coast Guard Sector San Diego JHOC Tour
Sept 22	Carlsbad Aquafarm Visit
Sept 24-27	US IOOS 2017 Fall Meeting – Seattle, WA
Sept 27	Scripps Pier Sensor Swap – Automated Shore Station
Sept 28	HABs Sampling Tour – SIO Pier Sampling Station



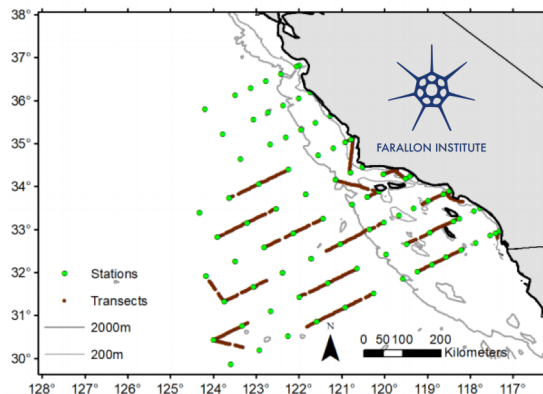
Special Thanks to our Ocean Observing VIP, Sarah D., for the Flowers

After some serious phone tag on September 7th, SCCOOS got to connect with Sarah D., a citizen concerned about Algal Blooms, Water Quality and Bioluminescence. She is planning a vacation out to Southern California, and took it upon herself to seek out the answers that will make her trip out to the Pacific Ocean, that much better. PLUS, she went above and beyond and sent flowers as a thank you for the conversation – which deserves a [BIG THANK YOU](#) from us. SCCOOS displays research-grade data that can often be difficult for many to understand and interpret. Please know that we are here to help. The ocean observing community needs brave people like Sarah to keep asking questions so we can all get to know our ocean better!

2017 Seabird Reports Have Arrived!



Transects Sampled, [Spring 2017](#)



Transects Sampled, [Summer 2017](#)

** Gaps represent nighttime when bird surveys are not possible, or daytime when weather conditions may preclude sampling*

[Farallone Institute](#) for Advanced Ecosystem Research is a nonprofit scientific organization dedicated to the understanding and preservation of healthy marine ecosystems, and has been providing [seabird observations](#) via [CalCOFI research cruises](#) SCCOOS since 2000.

This project is supported by SCCOOS and the [California Current Ecosystem Long-Term Ecological Research Project](#). Check out their [webpage](#) on the SCCOOS website for more.

Clarissa Anderson gives an NASA Applied Remote Sensing Training (ARSET) Webinar on the California Harmful Algae Risk Mapping System (C-HARM)

The [ARSET program](#) offers satellite remote sensing training that builds the skills to integrate NASA Earth Science data into an agency's decision-making activities. On September 19, Clarissa [provided a summary](#) of remote sensing as a tool for decision making, an overview of coupled model and remote sensing tools for understanding Harmful Algal Blooms (HABs) and the C-HARM system.

SPECIAL THANKS to ARSET for the opportunity to share the C-HARM with their community!

California Harmful Algae Risk Mapping (C-HARM) System



Clarissa Anderson¹

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NASA ARSET Tutorial on Remote Sensing of Harmful Algal Blooms, 19 September 2017

Registration for The Maritime Alliance's 9th Annual Blue Tech Week, Nov. 6-10, 2017 is Now Live



Each year BlueTech week attracts 400+ participants from academia, finance, government, industry and military, and this year's theme will be "Smart Ocean, Smart Water".

Check out their [website](#) for details, and click here to access [registration](#). Click on the [video](#) to the left to see highlights from last years festivities, IOOS and SCCOOS have participated in years past and find this conference a great way to connect to our fellow ocean observers!

SCCOOS Outreach Updates: NWS WeatherFest, US Coast Guard Sector San Diego JHOC Tour, Senate Briefing and Carlsbad Aquafarm

September was a busy month for outreach. SCCOOS's greatest asset is our ocean observing community, whose passion for our oceans shines through every time we get a chance to work together. Thanks to all for a great September!

Sept 14th Senate Ocean Caucus Sponsored Information Briefing in Washington DC



This briefing focused on coastal innovations: Enhancing security, economy and the environment. SCCOOS stakeholder, *Capt. John Strong* ([Jacobsen Pilots](#)) shared his experience using state-of-the-art ocean observing data in the Ports Los Angeles/Long Beach, the nation's largest ports. The rest of the panel included; *Dr. William Burnett*, Deputy Commander and Technical Director to the Commander of Naval Meteorology and Oceanography Command informed on how ocean gliders are changing ocean monitoring; *Mark Wiegardt*, Whiskey Creek Shellfish Hatchery described the recent sensor innovations and their benefits for the seafood aquaculture industry; *Bryan Stubbs*, Cleveland Water

Alliance described innovations in water quality monitoring in the Great Lakes; and *Dr. Jyotika Virmani*, Senior Director, Prize Operations, XPRIZE described the benefits of recent innovations in ocean mapping and ocean sensors.

Sept 16th NWS WeatherReady Fest at the Discovery Cube in Santa Ana, CA



WeatherReady Fest was a great way to share weather information (Waves and Currents, oh my!) and hazard preparedness information to families and children. It was a great day filled with curiosity and cuteness.

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Sept 21th US Coast Guard JHOC Tour



Some days your job takes you to the most interesting places, and our visit to US Coast Guard Sector San Diego's Joint Harbor Operations Control Center (JHOC) was just that. To say this was an impressive tour, would be an understatement. Just being given the opportunity to see what the Search and Rescue (SAR) operator sees reminds us how critical the data we send out are, and how determined the men and women of the Coast Guard truly are. A very special thanks to LT. Andrew Williams for arranging, and for the Commander Robert Potter Response Chief and Air Operations Office for all his insights.

Sept 22 Carlsbad Aquafarm Visit



SCCOOS has had a sensor called the [Burke-o-lator](#) at the aquafarm for 3 years and recently Kenisha, Stephanie ([with Todd Martz Lab at SIO](#)) and Jen McWhorter (SCCOOS Public Relations Coordinator) caught up with Christine Steinke, Senior Biologist, at the Carlsbad Aquafarm. They brainstormed on outreach and education sources that will be featured in future newsletters.

You can [check out data](#) that come from the Carlsbad Aquafarm (amongst the other instruments featured on the IPACOA data portal collecting Ocean Acidification data) on the SCCOOS website. We don't know about you but these pictures are making us HUNGRY, time to go have some delicious oysters!

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