

# SCCOOS News

The IOOS Regional Association Serving Southern California

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What does coastal flooding look like from where you live? Above are a few shot from La Jolla Shores during the King Tide event at high tide on November 25, 2015. (Pictured left to right) 1) There are flooded parking lots, 2) [The Marine Room](#) got pelted with waves as patrons dined on breakfast and 3) the ocean worked its way up Avenida del la Playa .

## November and December 2015 Activities



November 9-12	Coastal & Estuarine Research Federation (CERF) Conference in Portland, Oregon
November 9 & 10	The Maritime Alliance 7 <sup>th</sup> Blue Tech and Blue Economy Summit in San Diego, California
November 10	SCCOOS Board Executive Committee Conference Call
November 12	The Maritime Alliance BioMarine & Maritime Robotics Workshops at Scripps Oceanography
November 12	El Niño Presentation for San Diego Dive Shop, Ocean Enterprises
November 13 & 14	NOAA Day at the Aquarium of the Pacific in Long Beach, California
November 16-18	8 <sup>th</sup> Harmful Algal Bloom Symposia, Long Beach
November 18	State Water Resource Control Board Beach Water Quality Meeting in Costa Mesa, California
November 18	San Diego Harbor Safety Meeting
December 3	SCCOOS Board of Governors Meeting at Hyperion Water Reclamation Plant

## SCCOOS Holds Their Annual Board of Governors Meeting at the Hyperion Water Reclamation Plant in Los Angeles



Libe Washburn, SCCOOS Board of Governors chair, addresses the board and sets the order of the day.

### Plant in Los Angeles

On December 3<sup>rd</sup> SCCOOS Program staff and the [Board of Governors](#) (BOG) met at the Hyperion Water Reclamation Plant in Los Angeles. Mas Dojiri (pictured below) generously provided the room that facilitated a day of active conversations.

The Board of Governors shared; 1) what their role is in their organization, 2) what their organization's connection to SCCOOS, and 3) how they thought SCCOOS can benefit their organization and vice versa. This line of conversation aided SCCOOS in pointing out potential action items and synergies across different organizations.



Mas Dojiri, Hyperion Environmental Monitoring Division Manager, presents to the group their recent [diversion](#).

The BOG also provided comments on questions that would assist SCCOOS strategize its' future such as; 1) are there long-term time series or other measurements that SCCOOS should make? 2) what actions should SCCOOS and CeNCOOS take to develop support from both regional and the State of California partners? How can we engage them in our activities, our data portals, our meetings so that they recognize the value of an Ocean Observing System and are excited to be a part of the organization?, and 3) additional thoughts on evolution of SCCOOS over next five years?

A BIG thanks to this group for the frank conversations and great discussions. It's the BOG's breadth of experience and expertise that is so critical to forwarding SCCOOS mission and longevity.

## 8th Symposium on Harmful Algae in the US was held Aboard the Queen Mary in Long Beach, California.

Symposium Co-Chairs: Meredith Howard, Southern California Coastal Water Research Project; David A. Caron, University of Southern California coordinated the presentations that recounted research covering a wide spectrum of freshwater and marine harmful algal bloom events across all regions of the country. Topics included the physiology, ecology, bloom dynamics and prediction of harmful and toxic species of algae, as well as advances in the technological and methodological approaches for bloom detection and monitoring. Several sessions addressed the environmental, animal and human health implications of toxic events. A special session to facilitate networking among young investigators was conducted immediately prior to the Symposium.



**Ocean Related Citizen Science Projects - Check Them Out and See if They Interest You!**

Most people, at some point or another have wanted to be a marine biologist, but when it comes to the almighty job search we rarely end up tagging sharks, studying corals or listening to whales. This phenomenon has a tendency to fuel an endless supply of ocean enthusiasts. Therefore SCCOOS is taking this opportunity to let you know of some of the Citizen Science endeavors that exist in Southern California that can help satiate your ocean appetite. Please, whichever you choose, make your personal safety the highest priority!



**STORM PHOTO** <http://sccoos.org/projects/stormphoto/>

Document flooding events from Imperial Beach in San Diego County to Point Conception. Just enable the location services for photos on your smart phone and email your results to [stormphoto@sccoos.org](mailto:stormphoto@sccoos.org).

**URBAN TIDES COMMUNITY SCIENCE INITIATIVE**

<http://dornsife.usc.edu/usceagrant/urban-tides-initiative/>

Document tidal lines and coastal flooding by joining a dataset, downloading a mobile app and uploading your photos (there is an option to download pictures from your computer too).

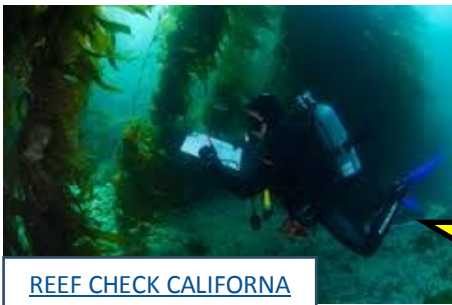


**CALIFORNIA KING TIDES PROJECT** <http://california.kingtides.net/>

Document king tides (the highest tides of the year) and allow your images to offer a living record of the changes to our coasts. This effort, which is an organized partnership among several state and federal agencies and non-profit organizations, also organizes king tide outreach events happening across the state!

Heal the Bay's  
[MPA WATCH](#)

NOAA's Channel Islands National  
Marine Sanctuary  
[CHANNEL ISLANDS NATURALIST CORPS](#)



[REEF CHECK CALIFORNIA](#)



**MORE CITIZEN  
SCIENCE  
PROJECTS**



[WHALE ALERT—WEST COAST](#)



NOAA National Marine  
Sanctuaries  
[LiMPETS](#)

Coastal Data Information Program (CDIP) at Scripps Institution of Oceanography has a Principal Engineer Position Open Now!

December 22<sup>nd</sup> is the filing deadline for CDIP's [Principal Development Engineer](#), and can be found on the UC, San Diego job board. [CDIP](#) measures, analyzes, archives and disseminates coastal environment data for use by coastal engineers, planners, managers, scientists, recreational beach-goers and mariners.



Nuisance Flooding, a Call for Articles, Newsletters and Holiday Gift Ideas!



NOAA [released information](#) to increase awareness for mid-Atlantic and West Coasts communities regarding the possibility of nuisance flooding through April 2016. Nuisance flooding can occur due to higher sea levels and more frequent storm surge compounded by El Nino conditions, which is likely to continue through spring.

[READ MORE ABOUT THE LATEST EL NIÑO DISCUSSIONS](#)

[Blue Planet's](#) Science Officer and Coordinator is gauging interest for a Special Issue in [Oceanography Magazine](#) on Ocean Observing for societal benefit. Those interested are instructed to email [Emily Smail](#) by JANUARY 15<sup>th</sup> with a short title and abstract.



IOOS Association, a non-profit organization that supports ocean, coastal and Great Lakes observing through the Integrated Ocean Observing System ([IOOS](#)), released their quarterly [newsletter](#). If you like what you read—you can email [Abbey Wakely](#) to be added to their newsletter distribution list.

Having a hard time coming up with holiday gift ideas? Humboldt State University recently released a storybook called [Kamome The Boat of Hope](#), intended for lower elementary grades. The book provides a window for discussion surrounding earthquakes, tsunamis, marine debris, preparedness and cultural awareness. A great story with beautiful illustrations lends itself to a helpful book for all families.



**Happy Holidays From your Friends at SCCOOS!**