



SCCOOS NEWS

June 2014 Newsletter

sccoos.org

In This Issue...

1. SCCOOS Activities
2. House Passes FY15 NOAA Budget, and SCCOOS Receives FY14 Funding Notice.
3. CeNCOOS and SCCOOS Wrap-up Their Joint Reports for Orange County Sanitation District (OCSD) 2012 Diversion.
4. West Coast Governor's Alliance Receives Technology Leadership Award
5. CeNCOOS and SCCOOS to Host a Marine Symposium and Their Joint Strategic Advisory Committee Meeting July 1 & 2, 2014.
6. El Niño in California?
7. What is a San Diego Marine Protected Area Community Collaborative?
8. The Bureau of Ocean Management (BOEM) is Seeking Individuals to Serve on the Outer Continental Shelf Scientific Committee.
9. Program Profile: Satellite Imagery

SCCOOS ACTIVITIES

Date	Activity
April 16-17, 2014	Marine Mammal Health Map Scoping Workshop
April 22-24, 2014	Climate Variability and Change in the California Current Ecosystem 2 Workshop
May 2, 2014	NOAA Reuben Lasker Ship Commissioning
May 5, 2014	SCCWRP Bight '13 Marine Protected Areas Meeting
May 6, 2014	San Diego Marine Protected Area Community Collaborative Meeting
May 7-8, 2014	Sea Level Rise Adaptation Workshop
May 8, 2014	SCCOOS Executive Steering Committee Meeting
May 9, 2014	SCCOOS Board Executive Committee Meeting
May 13, 2014	Tour for Congressman Juan Vargas Staff
May 21, 2014	Southern California Beach Water Quality Workgroup Meeting
May 22, 2014	Site Visit at UC Santa Barbara
May 27-29, 2014	Headwaters to Ocean Conference
May 28, 2014	San Diego Harbor Safety Meeting
May 29-30, 2014	NOAA Planning Workshop

HOUSE PASSES FY15 BUDGET AND SCCOOS RECEIVES THEIR FUNDING NOTICE

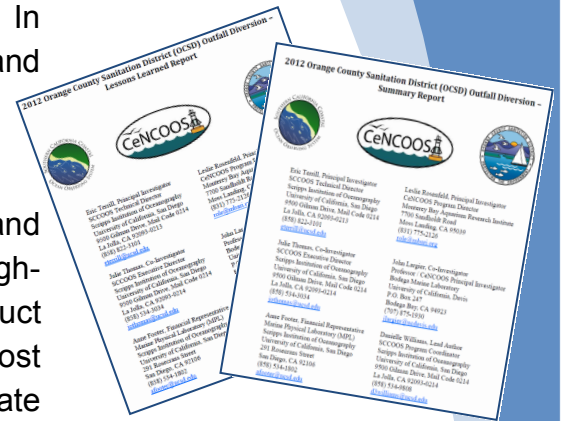
In early May the House Appropriations Committee approved it's FY15 Commerce Justice and Science Bill. IOOS was funded at the presidents requested level of \$29.5m, which resulted in level funding from FY14. We were excited to learn that they approved a \$1m increase to the sensor development program

In early April, SCCOOS received its funding letter from the IOOS office in the amount of \$2,369,758, which was an increase of \$93K from FY14. This funding supports investments in offshore glider surveys, Quarterly CalCOFI Nearshore surveys, surveys of marine birds, Ocean Acidification, Harmful Algal bloom Monitoring, 4 Automated shore stations in Southern California, Modeling, High Frequency Radar derived surface currents, Data management and Communication, and SCCOOS Organization & Education/ Outreach efforts.

CENCOOS AND SCCOOS WRAP-UP THEIR JOINT REPORTS FOR OCSD'S 2012 DIVERSION

During Sept. 11—October 2, 2012, OCSD diverted their wastewater outfall to inspect, assess, and rehabilitate the infrastructure. In preparation of this OCSD funded a large effort to suss out the fate and transport of effluent at-depth.

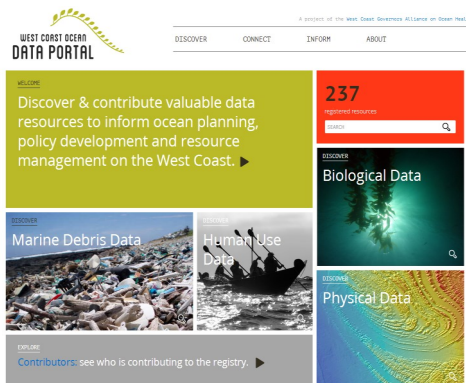
CeNCOOS and SCCOOS received funding to compile a summary and lessons learned report. The project as a whole was evaluated throughout the various stages of planning data collection, modeling, product development, reporting, and conclusions in order to identify the most useful and cost-effective methods to predict and mitigate environmental issues related to the diversion.



WEST COAST GOVERNOR'S ALLIANCE RECEIVES TECHNOLOGY LEADERSHIP AWARD

The WCGA was awarded the Oceans Special Achievement in GIS (SAG) award in recognition of their work to develop their [ocean data portal](#).

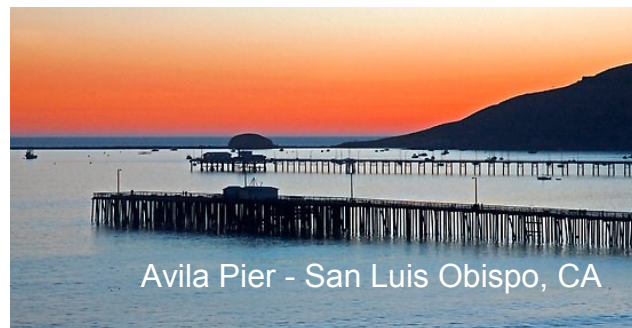
Drew Stephens, the ESRI (a geographic information system company) Ocean Industry Manager state, *"We believe that the WCGA exemplifies the values of the Oceans Special Achievement Award in GIS by embracing Esri geographic information system technology to improve our world and set new precedents throughout the GIS community. Previous winners of this award have included the Duke Marine Geospatial Ecology Lab and the NOAA Biogeography Program"*.



Laura Lilly, the Sea Grant Fellow working on the portal, is working to develop the marine debris and ocean acidification viewers to help increase access and connectivity for regional ocean management, policy development, and planning.

CENCOOS AND SCCOOS TO HOST A MARINE SYMPOSIUM AND THEIR JOINT STRATEGIC ADVISORY COMMITTEE MEETING

JULY 1 & 2, 2014.



July 1

A Marine Symposium at Cal Poly San Luis Obispo, "Ocean Observing Along California's Central Coast in a Changing Climate" at the Cal poly Performing Arts Center. With special invitees Representatives Lois Capps and Sam Farr. Followed by a reception on Avila Pier.

Featuring panels on the role of ocean observing systems in:

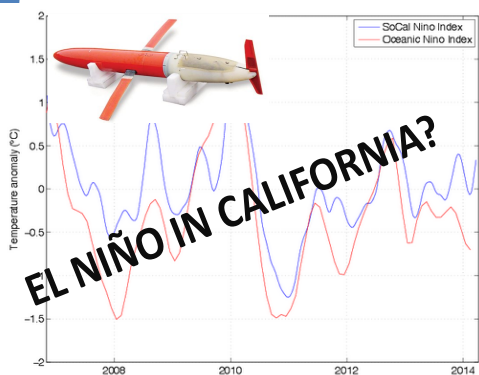
- ⇒ Tracking change in the marine environment
- ⇒ Informing economic uses of the ocean
- ⇒ Federal and state ocean policy and management

July 2

CeNCOOS and SCCOOS Joint Strategic Advisory Committee (JSAC) 1/2 day meeting at Cal Poly San Luis Obispo.

"The JSAC is called upon share perspectives, mission objectives, regional priorities, strategies and design ideas for all aspects of the ocean observing system to promote cohesion of all regional stakeholders' needs and to promote a unified system at both the regional and national levels."

For more information contact [Aric Bickel](#) or [Danielle Williams](#)



Once a month NOAA's Climate Prediction Center, National Centers for Environmental Prediction, and the National Weather Service release an [El Niño/Southern Oscillation \(ENSO\) Diagnostic Discussion](#). An El Niño is often characterized by warmer waters in the equatorial Pacific. **Their most recent synopsis states: "ENSO-neutral is expected to continue through the Northern Hemisphere spring 2014, with about a 50% chance of El Niño developing during the summer or fall."**

The [Spray Glider Lab](#), headed by Dan Rudnick, has calculated a "[SoCal Niño Index](#)" using glider-measured temperatures at 50 m along CalCOFI line 90 (line 90 is off of Dana Point), averaged over the inshore 200 km and filtered with a 3-month running mean. For comparison the "Oceanic Niño Index" published by NOAA is SST in the Niño 3.4 region (The Niño 3.4 region spans the east-central equatorial Pacific between 5N-5S, 170W-120W), with a 3-month running mean. The indices are remarkably correlated, and demonstrates the value of long-term ocean observations. NOAA predicts that El Niño neutral conditions will continue through the summer.



8855 Biological Grade
Isaacs Hall Suite 100
MC 2014
La Jolla, CA 92093



ioos.noaa.gov

info@sccoos.org 858.534.9808 sccoos.org



WHAT IS A SAN DIEGO MARINE PROTECTED AREA COMMUNITY COLLABORATIVE?

In 2012, California Department of Fish and Wildlife established [50 Marine Protected Areas \(MPAs\) in Southern California](#) (Northern California has 20 MPAs in their [network](#)—covering 137 square miles). In San Diego County, [WiLDCOAST](#) is coordinating NGO's, local, municipal, and state government agencies, research centers, and stakeholder groups but hosting quarterly meetings.

SCCOOS recently joined this collaborative after Julie Thomas, SCCOOS Executive Director, met Zachary Plopper, WiLCOAST's Coastal and Marine Conservation Director at a meeting. As the leading organization in San Diego County MPA outreach, education, and monitoring—WiLDOCOST actively engages the public on how to manage and conserve 27.4 square miles of MPAs in San Diego County. SCCOOS is proud to participate in such a progressive group.

THE BUREAU OF OCEAN MANAGEMENT (BOEM) IS SEEKING INDIVIDUALS TO SERVE ON THE OUTER CONTINENTAL SHELF SCIENTIFIC COMMITTEE

The Bureau of Ocean Energy Management (BOEM) is seeking qualified individuals to serve on the Outer Continental Shelf (OCS) Scientific Committee. The Bureau of Ocean Energy Management's Environmental Studies Program develops, conducts, and oversees scientific research covering physical oceanography, atmospheric sciences, biology, protected species, social sciences and economics, submerged cultural resources, and environmental fates and effects. They seek qualified individuals to serve on the Outer Continental Shelf Scientific Committee for a three-year period.

PROGRAM PROFILE: SATELLITE IMAGERY

Views from the recent fires in San Diego, the response and cooperation were an amazing thing to witness. Check out the [satellite imagery](#) on the SCCOOS site. Also, check out his [MODIS image](#) at 250m resolution (you have to scroll down and to the right for San Diego), and another [image](#) for each day from a satellite overpass.

