



SOUTHERN CALIFORNIA COASTAL OCEAN OBSERVING SYSTEM

August 2013 Newsletter

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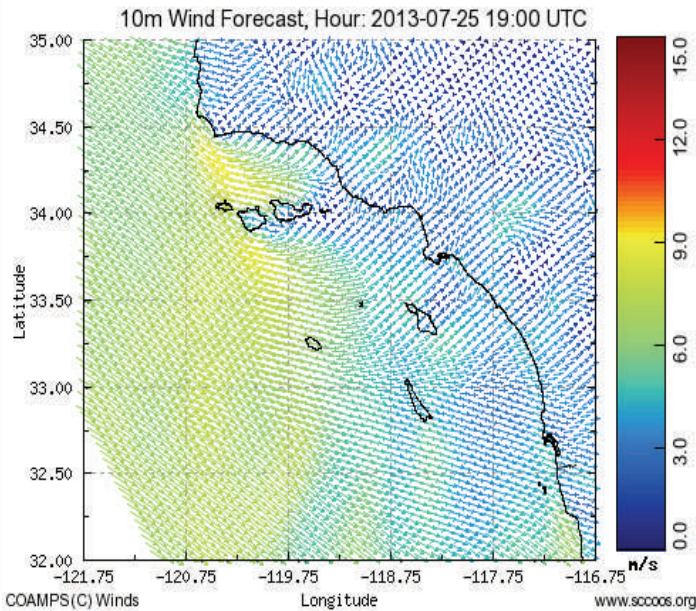
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July 2013 Activities



| Date | Activity | Host |
|---------------|---|---|
| July 9, 2013 | Executive Steering Committee FY 13 Budget Conference Call | Dan Rudnick (ESC chair) and SCCOOS Program Staff |
| July 12, 2013 | San Diego Marine Spatial Planning Meeting | Maritime Alliance |
| July 16, 2013 | Bight 13 Marine Protected Areas (MPA) Group Meeting | Southern California Coastal Water Research Project (SCCWRP) |
| July 23, 2013 | San Diego Harbor Safety Committee Meeting | Port of San Diego |
| July 31, 2013 | Testimony at Congressional Hearing on Behalf of the Coast Guard | Subcommittee on Coast Guard and Maritime Transportation |

MODELED WIND AND RAINFORCASTS ARE BACK ONLINE



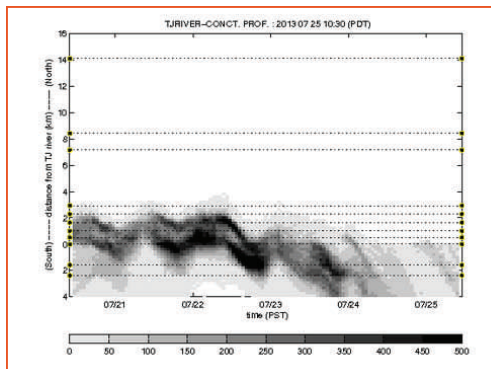
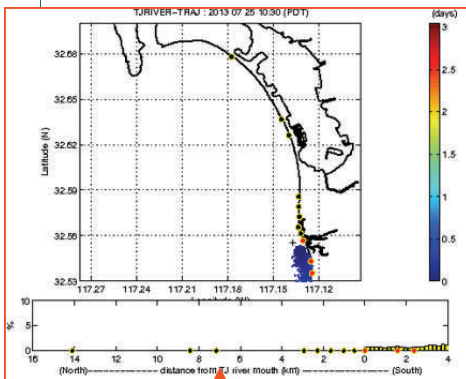
Special thanks to Marine Meteorology Division (MMD) of the Naval Research Laboratory (NRL)!!

SCCOOS is now using the Navy's Coupled Ocean/Atmosphere Mesoscale Prediction System ([COAMPS®](#)) for our [wind](#) and [precipitation](#) forecasts.

The data are provided by NAVIAR Range Department Geophysics Branch in Point Mugu, CA.

Program Profile - Tijuana Plume Tracker

The Tijuana Plume Tracker resulted from the Coastal Observing Research and Development Center (CORDC one of SCCOOS leveraged programs) a Clean Beaches Initiatives (CBI) award in 2001. They were tasked to study where Tijuana River effluent is going during rain events to better understand the impact on beaches and beachgoers. The [plume tracker](#) can be found on the SCCOOS website.



Date: 2013-07-25 17:30 GMT (2013-07-25 10:30 PDT)

| Station ID | Station Name | Particle Count | Plume Potential |
|------------|------------------------------|----------------|-----------------|
| 1 | Coronado (North Island) | 0 | NO |
| 2 | Silver Strand | 0 | NO |
| 3 | Silver Strand Beach | 0 | NO |
| 4 | Carnation Ave. | 0 | NO |
| 5 | Imperial Beach Pier | 0 | NO |
| 6 | Cortez Ave. | 0 | NO |
| 7 | End of Seacoast Dr. | 0 | NO |
| 8 | 3/4 mi. N. of TJ River Mouth | 0 | NO |
| 9 | Tijuana River Mouth | 16 | YES |
| 10 | Monument Rd. | 70 | YES |
| 11 | Board Fence | 62 | YES |

This is a near real time display. The bottom bar indicates which beaches are effected by effluent and at what percentage (0 on this bar is the location of the TJ River mouth).

This graph show the concentration of effluent and where the effluent occurs along the coast in relation to the Tijuana River mouth.

As beaches are impacted by effluent the location is highlighted in red. The shade of red is the concentration of effluent at a specific beach.

*** These graphical displays are intended to be experimental. While a considerable effort has gone into ensuring the highest quality data significant differences between measured currents and actual currents can occur.*

ANNOUNCEMENTS

RFP For Data Portal Developer Contract

WEST COAST GOVERNORS ALLIANCE on OCEAN HEALTH

CALIFORNIA OREGON WASHINGTON



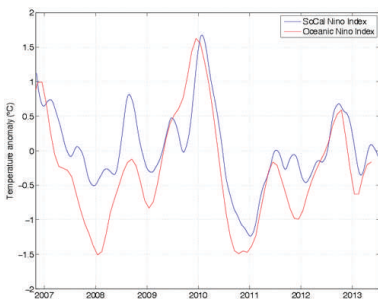
The West Coast Governors Alliance (WCGA) and National Fish and Wildlife Foundation (NFWF) invite qualified applicants to submit a proposal to the Regional Data Framework Action Coordination Team (RDF ACT) for our Data Portal Developer contract. The RDF ACT is seeking a qualified Data Portal Developer to build a web-based tool to meet the specific needs of the WCGA Marine Debris and Regional Data Framework ACTs using semantic web technology and use case development methods. These needs include, but are not limited to, visualizing the sources, sinks, environmental transport mechanisms, and human drivers of marine debris on land and in the coastal environment.

The development of this online tool is critical first step to ensuring the availability of timely and accurate scientific information to help guide and inform decision-making around regional ocean issues such as marine debris, sea level rise, and ocean acidification. Proposals are due by Aug. 30, 2013. [You can read the Request For Proposals \(RFP\) here.](#)

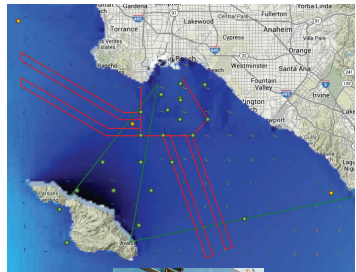
Todd Hallenbeck
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FYI

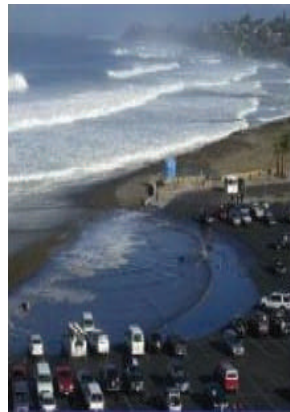
SCCOOS aligns its priorities and objectives with the focus areas designated by U.S. Integrated Ocean Observing System ([IOOS[®]](#)), as identified by users and stakeholders throughout the nation.



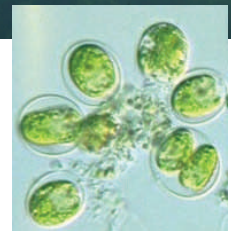
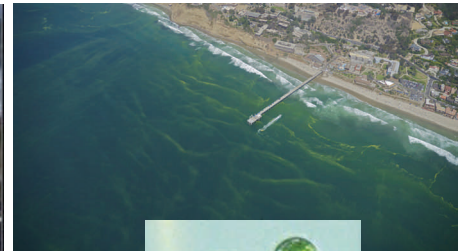
ECOSYSTEMS &
CLIMATE



MARINE
OPERATIONS



COASTAL
HAZARDS



WATER QUALITY