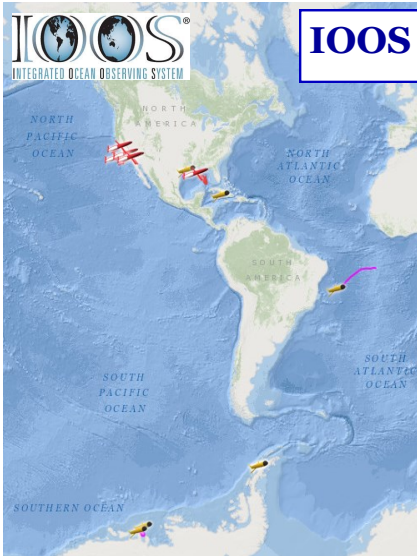




Southern California Coastal Ocean Observing System

In this Issue:

- Revised IOOS National Glider Network Plan out for Review
- January Activities
- Bill Sydeman, Director of the Farallon Institute, Releases the 2013 Seabird Annual Data Report
- California Coastal Commission Approves California’s First Aquaculture Farm in Federal Waters
- Program Profile: Ocean Acidification
- Where is SCCOOS?



IOOS National Glider Network Plan out for Review

The U.S. IOOS and their Regional Associations have been working on a National Glider Network (NGN) to determine how gliders are deployed and operated, community standards for data access and organization, and what the candidate expansion paths might be towards a national capacity for gliders for observing.

IOOS has made this revised [NGN plan](#) as well as [comment response synopsis](#) available for review. Comments are due to [Becky Baltes](#) by March 21.

January Activities

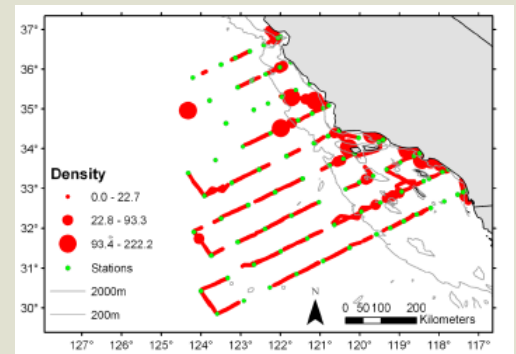
January 8, 2014	SCCOOS Products Featured for West Coast National Marine Sanctuary Education Coordinators
January 13 & 14, 2014	SCCOOS Participates in CeNCOOS Governing Council/ Stakeholders Meeting
January 16, 2014	SCCOOS Presents for Norwegian Mapping Authority at Maritime Alliance Meeting
January 29, 2014	Tim Moltman, Integrated Marine Observing System (IMOS) Director, Visits with SCCOOS

Bill Sydeman Releases the 2013 Annual Seabird Report

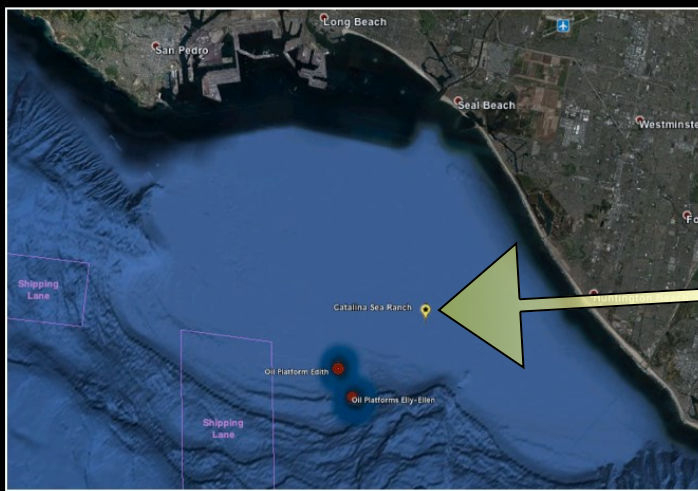
Recently, Bill Sydeman, a SCCOOS Principle Investigator, submitted his 2013 seabird report that can be found on the [SCCOOS website](#). This data report summarizes observations made during 3 seasonal [CalCOFI/CCE-LTER](#) (California Cooperative Oceanic Fisheries Investigations/California Current Ecosystem Long Term Ecological Research) cruises (winter, spring, summer 2013). A total of 45 days of survey effort, covering 3,759 km of ocean habitat is summarized.

CalCOFI was originally formed in 1949 to study the ecological aspects of the sardine population. The focus of the cruises are now to the study of the marine environment off the coast of California, the management of its living resources, and monitoring the indicators of El Nino and climate change. The California current plays an integral role in the economy of coastal communities.

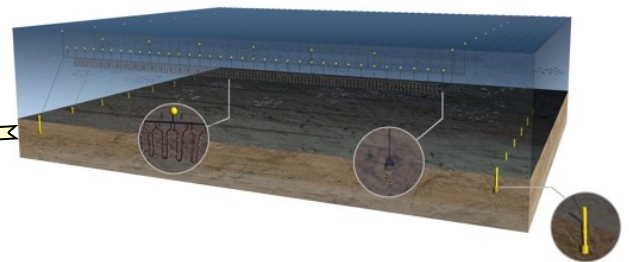
Left: Farallon Institute Logo. Middle: Cook's Petrel. Right: Spatial distribution of all seabird spp. Across all seasons, 2013.



Catalina Sea Ranch



Catalina Sea Ranch Receives Approval from the California Coastal Commission



The California Coastal Commission recently approved the state's first aquaculture farm to be located in federal waters, [Catalina Sea Ranch](#).

The location of the farm will be 8 miles offshore from Long Beach. The key to this approval was their willingness for a [monitoring program](#). Alongside the Integrated ocean Observing System ([IOOS](#)) regional institutions and experts, SCCOOS will assist with executing a monitoring plan for evaluating any environmental and social impacts from the 100-acre shellfish ranch.

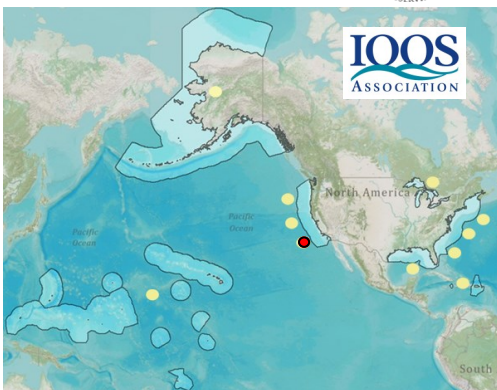
Project Profile: Ocean Acidification

SCCOOS originally got involved in Ocean Acidification (OA) when the shellfish industry sought input from the OOSes to understand why they were experiencing massive die-offs in their stocks. In an effort to create an all-encompassing OA information center, SCCOOS has combined information about their observation assets as well as info from their other Southern California collaborative programs in to a [SCCOOS OA project page](#). Below is a brief list of SCCOOS OA efforts, thus far.

1. Dan Rudnick added dissolved oxygen sensors to the [Spray Glider 11](#) for monitoring hypoxia in coastal waters and to estimate pH and aragonite saturation.
2. In 2004 SCCOOS added [9 nearshore stations](#) of the CalCOFI water samples at the 20 m isobath.
3. The West Coast OOSes will receive pCO₂/tCO₂ analyzer and install them in local shellfish farms in support of the FY14 Marine Sensor Innovation Project.
4. The West Coast OOSes receive a Sea Grant Fellow, [Laura Lilly](#), for a one-year West Coast Oceanographic Integration Fellowship through the West Coast Governors Alliance.



Where is SCCOOS?



National



Regional



Local