

Winter 2018 Newsletter

SOUTHERN CALIFORNIA COASTAL OCEAN OBSERVING SYSTEM: A Science-Based Decision Support System

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ATN-MBON-OTN Biological Observation Workshop

Clarissa Anderson and Megan Hepner attended the [West Coast Biological Observation Workshop](#) in Santa Cruz, CA, November 7-9, 2018.

NANOOS, CeNCOOS and SCCOOS organized the West Coast Animal Telemetry Network (ATN), Marine Biodiversity Observation Network (MBON) and Ocean Telemetry Network (OTN) meeting, hosted by CeNCOOS, and led by Bill Woodward, IOOS ATN Coordinator. Over 40 individuals from the research, commercial, private and conservation management sector highlighted their latest research and challenges. The breakout sessions led to a discussion on the need for more interoperable data, a coordinated west coast-wide biological observation network and to diversify our funding efforts.



West Coast Biological Observations Workshop participants at Hotel Paradox, Santa Cruz, CA.

SCCOOS and CeNCOOS Joint Strategic Advisory Committee (JSAC) Meeting

The [Joint Strategic Advisory Committee](#) met November 14th at MBARI in Monterey Bay, CA.

The JSAC role is to provide guidance for SCCOOS and CeNCOOS operation and planning efforts and to provide suggestions for the development of tools and products that best serve the public. During the breakout sessions we asked the JSAC and attendees to brainstorm what are their current data needs and challenges and opportunities for future initiatives. The discussion led to the need for:

1. More subsurface, physical oceanographic and acoustic data
2. Rapid response funds for deployable instruments to monitor emerging conditions; adaptive management.
3. Data discovery for reliable data sources
4. Data visualization tools with easy-to-interpret time series and maps.
5. Strategic effort to find more funding sources

To learn more about the meeting objectives and agenda click [here](#).

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Members of SCCOOS and CeNCOOS JSAC getting a tour of the Monterey Bay Aquarium Research Institute (MBARI) and checking out the ROV Ventana aboard the R/V Rachel Carlson.

SCCOOS Board of Governors (BOG) Meeting

Welcome our newest board member, Kristen Koch, Director at SWFSC.

Big thank you to Mas Dijori for hosting the SCCOOS annual [Board of Governors](#) meeting, Wednesday, November 28th at the Hyperion Water Reclamation Plant in Playa Del Rey, CA. SCCOOS Executive Director, Clarissa Anderson, kicked off the meeting by reviewing SCCOOS base and external funding and their allocations as well as extramural funding efforts, and Henry Ruhl, Executive Director of CeNCOOS, offered his vision for our SCCOOS-CeNCOOS partnership. The board then heard from our four highest funded programs, high-frequency radar, gliders, harmful algal bloom monitoring, and CalCOFI's nearshore sampling. Gabrielle Canonico highlighted U.S. IOOS program office efforts to better integrate biological observations, and Bob Miller, lead PI of the SBC-MBON, discussed on-going and future partnership with SCCOOS. In the afternoon the board had a fruitful discussion on SCCOOS role and future in biological observations, ocean acidification, and the need for ocean modeling reanalysis. Full agenda [here](#).



SCCOOS Board of Governors meeting November 2018 at Hyperion.

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Ocean Acidification Hotspots and California Fisheries Workshop

Clarissa Anderson was invited to attend the Ocean Acidification Hotspots Workshop in Oakland, CA on November 29th.

The all-women workshop covered a lot of ground thinking about fisheries needs with respect to our changing oceans, including a lively discussion of the recently released [Ocean Science Trust infographic](#) on OA species impacts.



Restore America's Estuaries 9th Summit

Clarissa Anderson and Megan Hepner showcased SCCOOS and U.S. IOOS efforts at RAE in Long Beach, CA from December 9th to 11th.

Restore America's Estuaries and Coastal States Organization hosted the [9th National Summit on Coastal and Estuarine Restoration Management](#). The week-long summit explored cutting edge issues in coastal restoration and management, specifically sea level rise challenges and potential solutions in Southern California. Clarissa and Megan also attended the Nuclear Waste session that discussed the decommissioning of [Son Onofre Nuclear Generation Station](#) and the benefits and disadvantages to nuclear energy in the United States.



SCCOOS Director, Clarissa Anderson, and NERACOOS Director, Ru Morrison, educating the public on ocean observing efforts at Restore Americas Estuaries exhibit hall.

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Nicole LeBoeuf Visits

[Nicole LeBoeuf](#), Acting Assistant Administrator at NOAA, visited Scripps Institution of Oceanography on December 5th.

Clarissa Anderson, Eric Terrill, Julie Thomas, Lisa Hazard, and Mark Merrifield met with her to discuss how SCCOOS and CCCIA can assist with NOS priorities.

Pacific Oil Spill Task Force Visit

The [Pacific Oil Spill Task Force](#) visited Scripps Institution of Oceanography in La Jolla, CA on January 16th, 2019 to learn how ocean observation tools aid in oil spill response.

The task force is comprised of representatives from state and provincial environmental agencies in Alaska, British Columbia, Washington, Oregon, California and Hawaii. Margaret Leinen, Director of Scripps Institution of Oceanography, started the meeting by providing a brief history of Scripps. Lisa Hazard, [Coastal Ocean Research and Development Center](#) (CORDC) Operations Manager, gave an in-depth overview of the High Frequency Radar network in California which sparked many engaging questions. Dan Rudnick, [Instrument Development Group](#) Principal Investigator, then presented the many benefits of autonomous vehicles, Julie Thomas, [Coastal Data Information Program](#) (CDIP) Program Manager, discussed wave buoys, and Clarissa Anderson, [SCCOOS](#) Executive Director, highlighted how models can be used to track and forecast oil spills.



The Pacific Oil Spill Task Force team met with members of SCCOOS, CDIP, CORDC, and the Instrument Development Group outside the Martin Johnson House at Scripps Institution of Oceanography.

CalCOFI 2018 Conference

Clarissa Anderson attended the [2018 CalCOFI conference](#) at the NOAA Southwest Fisheries Science Center in La Jolla from December 3rd to 5th.

The symposium topic was Spatial Dynamics and Organization of Populations in Response to Environmental Parameters.



Upcoming Activities

Jan 24: [SCCOOS PI Meeting](#)

Feb 11-15: [PSAW II Workshop](#)

Feb 24 – Mar 1: [ASLO 2019 Aquatic Sciences Meeting](#)

Feb 26 – Mar 1: [Office of Spill Prevention and Response \(OSPR\) 8th Technology Workshop](#)

Feb 25 – 27: [Oceanology International \(Oi\) Americas 2019](#)

Job Openings

Orange County Sanitation District

The [Orange County Sanitation District](#) is looking to hire a Director of Environmental Service. To learn more please review the [job announcement](#). Closing date is January 28th, 2019.

Waitt Institute and Waitt Foundation

The [Waitt Institute](#) & [Waitt Foundation](#) are hiring [four positions](#) based in La Jolla, CA, USA. These positions will support the Blue Prosperity Coalition, a major new initiative of the Waitt Foundation, Waitt Institute and other partners with a focus on ocean conservation. Closing date is February 1st, 2019.

Coastal Observing Research and Development Center (CORDC)

[Postdoctoral position](#) is available at UCSD Scripps Institution of Oceanography with the [CORDC](#) under the supervision of Dr. Sophia Merrifield. Closing date is March 1st, 2019.

SCCOOS

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