March-April 2019 Newsletter

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

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NOAA Hydrographic Research Survey Panel

Julie Thomas, SCCOOS former Senior Advisor, attended NOAA <u>Hydrographic Research Survey Panel</u> in Washington D.C., March 4 - 7.



Left: Sal Rassello (Carnival Cruise Line), Admiral Smith (Coast Survey), Deanne Hargrave (Shell), and Julie Thomas (ret. SCCOOS/CDIP).

OceanVisions 2019 – April 4th

Clarissa Anderson presented on the challenges facing HAB prediction in the coastal zone at <u>OceanVisions 2019</u> summit in Atlanta, Georgia.

Clarissa illustrated a number of coastal and ocean modeling challenges and potential solutions throughout her talk. Challenges included: resolving coastal and shelf sea physics in models, complexity of biogeochemical processes and model assessments.

SCCOOS Congressional Hill Visits – March 20th

SCCOOS and CeNCOOS teamed up to advocate for sustained ocean observing systems in Washington D.C. on March 20th and 21st.

Clarissa Anderson, Megan Hepner, and Libe Washburn met with seven of our coastal California Representative's offices and Senator Harris AAAS fellow Catherine Pomposi to discuss our ongoing monitoring efforts and latest activities. We also asked the Representatives to please continue supporting U.S. IOOS by signing the Appropriations <u>Dear Colleague letter</u> and support the ICOOS Reauthorization <u>HR 1314</u> and <u>S 1425</u>. Big thank you to our colleagues and partner programs with <u>20 letters of support</u> endorsing SCCOOS and CeNCOOS!

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Megan Hepner (SCCOOS), Clarissa Anderson (SCCOOS), Libe Washburn (SCCOOS), Henry Ruhl (CeNCOOS), Chad Whelan (CODAR), and Mary Miller (Exploratorium) outside the Washington Capitol on March 20th, 2019.



SCCOOS Director, Clarissa Anderson, and CeNCOOS Director. Henry Ruhl, ready and energized to meet with members of Congress.

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IOOS Spring Meeting – March 19th

Nicole LeBoeuf, NOS Acting Assistant Administrator, and Jeff Payne, NOS Acting Deputy Director, kicked off the IOOS Spring Meeting by identifying emerging priorities in coastal and ocean observing.

Harmful Algal Blooms (HABs) are an increasing concern in the United States and a well-known coastal issue in California. Dr. Steve Thur, NCCOS Director, and colleagues discussed ideas of how to better collaborate with IOOS Regional Associations efforts to monitor and predict HAB events.



Marc Suddleson, Steve Thur, Lonnie Gonzales, & Rick Stumpf from NCCOS. Photo credit: IOOS Ass

San Diego Climate Summit – March 26th

Clarissa Anderson presented on Harmful Algal Blooms, Ocean Acidification and Marine Ecosystems.

The San Diego Climate Summit was held at Scripps Institution of Oceanography on March 26th. The summit was kicked off by Margaret Leinen, Director of SIO, Mark Merrifield director of the <u>Center for Climate Change Impacts and Adaptation</u>, and Amber Pairis director of the <u>Climate Science Alliance</u>. Clarissa alongside colleagues Natalya Gallo and Whitney Berry discussed emergent issues in southern California.



Margaret Leinen, SIO Director, welcoming everyone to San Diego's Climate Summit.

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San Diego MPA Collaborative Network – April 16th

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Megan Hepner attended San Diego MPA Collaborative Network first meeting of the year on April 16th in Solana Beach, CA.

Calla Allison showcased San Diego's MPA Collaborative projects that came out of the \$10K from OPC and \$5K from the state including the <u>San Diego MPA Outreach</u> <u>Toolkit</u> with NGSS lesson plans for K-12, laminated <u>San Diego County MPA</u> <u>brochure</u>, Pocket Fishing Guides, and LA County MPA Poster in English and Spanish. You can check out the 14 regionally based MPA Collaborative projects <u>here</u>. The Network is also gearing up for California's MPA 2022 review and encouraged everyone to attend the OPC MPA Workshop on May 23rd in Sacramento from 8:30am-12:30pm. Click <u>here</u> for a list of upcoming MPA related events.



San Diego MPA Collaborative Network Meeting at Fletcher Cove Community Center in Solana Beach.

U.S. Marine Corps, Chief Warrant Officer Joseph Lester and Colleagues Visit – April 19th

Clarissa Anderson and James Behrens met with Chief Warrant Officer Joseph Lester from U.S. Marine Corps Meteorology and Oceanography (METOC) personnel on Friday, April 19th at SIO.

The Marine Corps were interested in learning about coastal and ocean models and data that can assist them in Marine landings of combat troops, specifically surf zone conditions and coastal modeling capabilities and sensing technology.

Upcoming Activities

Apr 30 – May 2 <u>IOOS DMAC</u> <u>Meeting</u>

May 7 Perspectives on Science

May 17 <u>CINMS SAC</u>

May 21 – 23 <u>NASA</u> <u>Biodiversity</u> and Ecological Forecasting

May 23 <u>MPA</u> <u>Workshop</u> & <u>OPC Meeting</u>

May 24 <u>MBON All</u> <u>Hands Meeting</u>

> June 4 – 6 <u>CHOW</u>

SCCOOS

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Funding Announcements

The **Coastal Conservancy** is currently soliciting <u>**Proposition 1**</u> grant proposals. Conservancy Proposition 1 grants fund multi-benefit ecosystem and watershed protection and restoration projects. Priority project types include water sustainability improvements, anadromous fish habitat enhancement, wetland restoration and urban greening. Applications are due April 30, 2019.

The **National Fish and Wildlife Foundation (NFWF)** is currently accepting preproposals for the <u>National Coastal Resilience Fund</u>. NFWF will award approximately \$29 million in grants on a competitive basis throughout the United States to create, expand, and restore coastal and estuarine natural systems.

Deadline for pre-proposals is May 20, 2019.

The **NOAA Office of Ocean Exploration and Research (OER)** is soliciting ocean exploration proposals to address knowledge gaps and support growth in the Nation's Blue Economy and/or to contribute to Seabed 2030 goals. Proposals are being requested on the following three topics: 1) Ocean Exploration, 2) Marine Archeology, and 3) Technology. The deadline for the pre-proposal submission is May 24, 2019.

