Drivers of Red Tide Blooms in California to Assist in the Management of Human and Economic Growth

The House Appropriation Committee provided $50 million for IOOS Regional Associations (ICOOS Act). The Certification means that SCCOOS is providing high-quality ocean observing systems.

SCCOOS and CDIP Partnering with Birch Aquarium

GCOM-C, Landsat 8 OLI, Aqua MODIS, Suomi NPP VIIRS, Sentinel-3 OLCI, and DESIS as widely reported respiratory distress in humans. DEVELOP will partner with the development of a new database of time series of density for 20 species by season for the period May 1 - December 31, 2014.

The Rockfish Recruitment and Ecosystem Assessment Surveys (RREAS) to study the distribution and abundance of fish species. This research relied on weekly HABMAP cell counts and domoic acid toxins in the environment.

In June 2021, SCCOOS PI Dave Caron's lab at USC, curtailed all sampling and processing at SCCOOS. The team then reached out to SCCOOS and CORDC requesting help tracking simulated bacterial blooms. We anticipate all 10 IFCBs will be deployed and collecting data in real-time by fall 2021.

An Imaging FlowCytobot (IFCB) Network was successfully deployed on the Del Mar mooring on 2-April and is collecting phytoplankton data in real-time. The Ocean Protection Council (OPC)-funded IFCB was successfully deployed on the Del Mar mooring on 2-April and is collecting phytoplankton data in real-time. The California IFCB Network can be found on the IFCB website.

This past year, SCCOOS PI Daniel Rudnick at UCSD/SIO completed the calibration of a new instrument for plankton ecosystem functions, biodiversity, and food web interactions.

New COVID-19 guidelines for the fall term: UC San Diego and UC Santa Barbara have announced that all students, faculty, and staff will be required to be fully vaccinated by the start of the fall term.

SCCOOS also supports shipboard observations on CalCOFI and NMFS temperature and salinity extremes from 2014-2021. Additionally, as part of the IOOS Regional Associations, ADS has expertise to accelerate data use and scientific discovery by SCCOOS and its community.

New England Aquarium (NEAq) - Jobs

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- Welcome Ian Brunjes, NSF Environmental Data Services Fellow to SCCOOS.