



ENVIRONMENT, HEALTH AND SAFETY, 0920

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Dr. Clarissa Anderson  
Executive Director  
Southern California Coastal Ocean Observing System  
Scripps Institution of Oceanography  
9500 Gilman Drive, 0206  
La Jolla, CA 92093-0214

Dear Dr. Anderson:

On behalf of the Department of Environment, Health, and Safety at UC San Diego, I wanted to express our appreciation for the valuable data and services provided by the Southern California Coastal Ocean Observing System (SCCOOS) at the Scripps Institution of Oceanography, University of California San Diego.

Integrated information management systems are a critical tool to efficiently assess and manage regulatory programs. Information management systems are needed for integration and public data dissemination so that interrelated biological-physical-chemical processes present in the watershed and marine environment can be assessed and available to a wide range of users. These data requirements span both regulatory and non-regulatory based data collection efforts.

UC San Diego EH&S has worked closely with SCCOSS for many years to develop information management tools required for long-term assessment of Area of Special Biological Significance (ASBS) water quality and related management decisions.

An example of this vital collaboration is the ASBS website developed by SCCOOS that allows for various data layers to be viewed together spatially via a central map while providing metadata, specific data values and time series. Data layers are grouped by near-real time observations, static point observations, and spatial observations/models. Meteorological stations along the coast provide wind speed, wind direction, air temperature, relative humidity, barometric pressure, solar radiation, rainfall, and water temperature data. Data is also provided on seawater and storm water outfalls at Scripps Institution of Oceanography that are monitored in accordance with the California Ocean Plan. Data from weekly bacteria monitoring in the surf zone of the ASBS, weekly water samples and net tows to monitor for HAB (Harmful Algal Blooms) species, naturally occurring algal toxins, water temperature,

salinity, nutrients, as well as the boundaries of the 34 designated ASBS regions are shown.

Staff from SCCOOS have worked with EH&S for more than 10 years to maintain a seamless flow of data. The programmers continually adapt and respond to the changing requirements and data formats.

A long-term goal of this partnership is to promote local and regional information sharing on ASBS water quality and ecosystem health to guide future management decisions.

Sustained funding for SCCOOS will be crucial to the maintenance of the program's ocean observing network and to the continuity of the important data products and services that these observations enable. Please feel free to contact me if you have any questions.

If you have any questions or would like additional information on the valuable services SCCOOS provides to EH&S, please contact me at (858) 583-3259 or [koconnell@ucsd.edu](mailto:koconnell@ucsd.edu).

Thank you,

*Kimberly O'Connell*

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