



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service
11440 West Bernardo Court, Suite 230
San Diego, CA 92127-1643

January 21, 2019

Julie Thomas
Co-Program Manager
Coastal Data Information Program
Scripps Institution of Oceanography
9500 Gilman Drive, 0214
La Jolla, CA 92093-0214

Dear Ms. Thomas and Dr. Anderson:

On behalf of NOAA, National Weather Service, San Diego office, we enthusiastically endorse the valuable data and services provided by the Coastal Data Information Program (CDIP) and the Southern California Coastal Ocean Observing System (SCCOOS) at the Scripps Institution of Oceanography, UC San Diego.

The National Weather Service (NWS) in San Diego is responsible for protecting lives and property that are impacted by weather, oceanic conditions, hydrological and other natural hazards across extreme Southern California. The products we receive from CDIP and SCCOOS greatly enhance our mission of saving lives and protecting property. The data assists NWS for daily coastal flooding, beach hazards, ocean temperature, ocean currents, wave height, surf, wind, tidal, and tsunami forecasts and warnings for the maritime and beach community. NWS forecasters monitor the online websites and the data directly ingested at our office on a daily basis.

CDIP's timely and accurate wave data update every 30 minutes at <http://cdip.ucsd.edu> and are highly utilized by the maritime community, these data are critical to safe and efficient navigation by dredging project managers as well as by military, commercial, and recreational mariners. These observations throughout the coastal US—including Alaska, Hawaii, South Pacific Islands, the Great Lakes, and the Caribbean—enhance and expand the efforts of the national Integrated Ocean Observing System (IOOS), including the regional Southern California Coastal Ocean Observing System (SCCOOS) and the Central and Northern California Ocean Observing System (CeNCOOS). In addition, CDIP's observation-based models of wave-driven coastal flooding help address the vulnerability, resilience, and adaptation of the coastal zone. The robust methods and models that are being developed for the prediction of shoreline evolution, including beach processes, will validate and support regional sediment management. Without these data, life and property would be at risk. The SCCOOS observations for water quality, ecosystems and climate variability continue to contribute to technical and scientific operations and research.



We understand that CDIP is funded primarily by the US Army Corps of Engineers' Coastal and Ocean Data System (CODS) in addition to the state of CA, US Navy, and various industry partners. SCCOOS is funded by the National Oceanic Atmospheric Administration (NOAA). Sustained funding these programs will be crucial to the maintenance of the program's buoy network and to the continuity of the important data products and services that these observations enable. Please feel free to contact me if I may be of assistance.

Sincerely,

Alex Tardy

Alex Tardy
Warning Coordination Meteorologist
NOAA National Weather Service, San Diego

