

OA Data

A list of buoys and platforms monitoring pH and other ocean chemistry parameters

One role of C-CAN is to share information relevant to Ocean Acidification monitoring activity on the west coast.

NANOOS has posted an integrated West Coast Ocean Acidification Data Exchange, coordinated with all regional I00S agencies: a web-based entry portal dedicated to providing information on OA and serving data.

http://www.nanoos.org/education/learning_tools/oa/ocean_acidification.php

Click [here](#) for the I00S Pacific Region OA Homepage, and [here](#) to view the Data Explorer.

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The following list also contains known buoys that monitor ocean chemistry and provide data and information regarding OA processes affecting west coast fish and shellfish. . This listing is organized from north to south by I00S regional associations.

GENERAL

Ocean SITES – Global Networks

<http://www.oceansites.org/network/index.html>

PMEL CO2 – Carbon Dioxide Program

<http://www.pmel.noaa.gov/co2/>

PMEL Buoys & Autonomous Systems

<http://www.pmel.noaa.gov/co2/story/Buoys+and+Autonomous+Systems>

PMEL – Interpreting CO2 Graphs

<http://www.pmel.noaa.gov/co2/story/Interpreting+CO2+Graphs>

JCOMMOPS: Main

JCOMMOPS provides coordination at the international level for oceanographic and marine observations from drifting buoys, moored buoys in the high seas, ships of opportunity and sub-surface profiling floats. JCOMMOPS operates under the auspices of the Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM).

<http://www.jcommops.org/dbcp/platforms/types.html>

NANOOS

http://www.nanoos.org/education/learning_tools/oa/ocean_acidification.php

- King County Buoys

The high-quality data collected by King County through its routine marine monitoring program have provided insight into natural variability and long-term trends in Puget Sound water quality. The frequency of monthly sampling, however, does not adequately capture the high variability in, and the relationships between, marine water quality parameters. King County partnered with the Seattle Aquarium in November 2007 to deploy its first high-frequency, real-time, marine water

quality data collection system in Elliott Bay. Since that time, three additional systems have been deployed: a piling-mounted system at Dockton Park in inner Quartermaster Harbor; a buoy-mounted system off Alki, and a piling-mounted system at the Quartermaster Yacht Club, our monitoring partner.

<http://green.kingcounty.gov/marine-buoy/>

CENCOOS

<http://www.cencoos.org>

- Hog Island OA Sensors

http://www.cencoos.org/about/news/hog_island_sensors

- San Francisco Bay Environmental Assessment and Monitoring Station

SF-BEAMS is operated by Romberg Tiburon Center and San Francisco State University

<http://sfbeams.sfsu.edu/>

- Santa Cruz Ocean Observing Platform

University of California Santa Cruz

<http://oceandatacenter.ucsc.edu/SCOOP/index.html>

- MBARI Ocean Acidification Moorings

<http://www.cencoos.org/data/buoys/mbari>

SCCOOS

- SIO California Current Ecosystem (CCE) Interdisciplinary Biogeochemical Moorings

CCE1 & CCE2 (select data and time series for individual moorings)

http://mooring.ucsd.edu/index.html?/projects/cce/cce_intro.html

- SIO shelf mooring off Del Mar (northern San Diego):

http://mooring.ucsd.edu/projects/delmar/delmar_intro.html

SBC LTER PAGE

Santa Barbara Coastal Long Term Ecological Research

Returning results for SBC Time-series Sampling = pH:

http://sbc.lternet.edu/cgi-bin/showCollections.cgi?stage=by_maplayer&maplayer=inshore_pH