

Upwelling Regime In-Situ Ecosystem Efficiency

Data Policy Compliance

NSF OCE Data and Sample Policy

Pre-Cruise Planning

Description of Data Types

All data is Observational and collected at the San Pedro Ocean Time-series station (33°33'N, 118°24'W) between January 2013 and June 2014. Included in the dataset are:

CTD Bottle measurements: dO₂/Ar, d17O, d18O, 234Th, 7Be, pH, DIC, Alkalinity, DOC, Nitrate, Phosphate, Silicate

Seabird 9plus CTD measurements: Temperature, Salinity, Oxygen concentration, Oxygen saturation, AOU, Chlorophyll Fluorescence, Density

Surface-tethered sediment trap (PITS) material: POC, 234Th, 7Be, PON, bSi,

Data and Metadata Formats and Standards

All data is in Excel spreadsheet files (.xls, .xlsx). All data has accompanied date, cast number and depth (location is the same for all measurements). All data is to be published in peer-reviewed journals.

Data Storage and Access During the Project

The investigators have stored all data on laboratory computers and are backed up on multiple hard drives. All data has been accepted for publication in peer-reviewed journals and will be available in those publications.

Mechanisms and Policies for Access, Sharing, Re-Use, and Re-Distribution

All data and metadata have been provided to the Biological and Chemical Oceanography Data Management Office (BCO-DMO) in an Excel spreadsheet format and will be made available through this outlet.

Plans for Archiving

BCO-DMO will also ensure that project data are submitted to the appropriate national data archive.

Roles and Responsibilities