

DATA MANAGEMENT PLAN

In terms of the data management for this project, there is both a short term, cruise-based perspective that needs to be considered, as well as long term study and availability of data from the bio-optical APEX float that will continue to sample for approximately a year after the end of the field program.

For the cruises, we will follow the Biological and Chemical Oceanography Data Management Office (BCO-DMO) best practices for using an event log, cruise reports, providing not just timely data, but information on sampling and analytical protocols and data inventory. The data from float and sediment trap sensors and analyses of samples will be made available to the BCO-DMO. Dr. Buesseler has a long history of working with the Woods Hole data management group, starting with early JGOFS programs and continuing through SOFeX, VERTIGO, TZEX & other projects. Data will be made available online from the BCO-DMO data system (<http://bcodmo.org/data/>).

We will also make bio-optical data from the APEX float available through the SeaWiFS Bio-optical Archive and Storage System (SeaBASS; <http://seabass.gsfc.nasa.gov/>). Submission to SeaBASS will insure that these observations will be used in the validation of satellite data products and the development of new satellite algorithms for use with ocean color satellite data systems.