

DATA MANAGEMENT PLAN

Research Products

Samples obtained from the field and laboratory based experiments, e.g. filtered seawater samples, preserved whole seawater samples and plankton biomass (on filters), will be immediately frozen and stored appropriately (either at -20degC or -80degC). Following the processing and analysis of samples in the laboratory, data will be recorded in laboratory notebooks and then logged into excel spreadsheets. Data within spreadsheets will be sorted based on collection date and data type then archived on an Azam lab computer for future access.

Data Storage and Backups

All data will be transferred to electronic format day of (or day after, if necessary) its recording. Data will be stored on a local computer hard drive in the Azam lab as well as a backup hard drive. Copy printouts of laboratory notebooks will be made to have physical backups of recorded data.

Data Formats and Metadata

Metadata from experiments and samplings will be recorded alongside primary data (date, station info, cast info, etc.) in notebooks and transferred into excel spreadsheets. Experiments and samplings will be organized using Excel for easy access.

Data Dissemination & Public Sharing

Acquired datasets will be available to other researchers following approval of all authors. Additionally, authors retain the right to the obtained data until it is presented in publication or after two years following its initial collection. After two years, data will be made available to the public per request or to cruise based websites, e.g. the CALCOFI online database. Data will also be made available through the Biological and Chemical Oceanography Data Management Office (BCO-DMO): HYPERLINK "http://www.bco-dmo.org/project/535306" <http://www.bco-dmo.org/project/535306>

Data Management

The PI will oversee that the data management plan procedures are implemented.