

Data Management Plan:

To ensure accuracy and reliability, the sampling and analyses will be conducted in accordance with published methods and protocols that have also been accepted by the international GEOTRACES program. Data generated in this work will be reported in a timely fashion to the Biological and Chemical Oceanography Data Management Office (BCO-DMO) according to NSF data policy. Hard copy sampling logs (Date, Time, coordinates, sample type, unique sample ID number, etc.) are generated for every research cruise and are scanned to PDF on the ship when possible or ASAP after return. Analytical data from FSU and FIU are keyed to the unique sample ID numbers (from the sampling logbooks) and recorded automatically or manually depending on the software characteristics of the instrument. Data processing and all calculations are done in Excel spreadsheets so that a complete record of the data processing steps is retained.