

## DATA MANAGEMENT PLAN

The proposed research will generate lead and chromium concentration, and lead and chromium isotopic compositions of seawater samples collected from a section from Tahiti to Chile via near-Antarctica stations.

The data will be submitted to the BCO-DMO Data Management Office using their prescribed format with GEOTRACES Portal bar codes. Our data from previous projects is included in the IDP2014 and IDP2017 databases at NODC, or awaiting inclusion in the IDP 2021. Research including the data will be provided to the GEOTRACES international project office (IPO), which is “maintains a database of GEOTRACES publications” and will also “contain citation information for related publications that are of interest to GEOTRACES investigators”. We will include “GEOTRACES” in the list of key words for each of those publications “to aid in IPO tracking of relevant publications”. Those data will also be generated with methodologies that have been intercalibrated in the international GEOTRACES program; results to date are included in the US GEOTRACES website and have been published in a special (GEOTRACES) volume of *Limnology and Oceanography: Methods*.

The results generated by this research will be presented at scientific meetings and published in peer-reviewed scientific journals. All of those data, as well as any data that we generate but do not publish, will be available to anyone upon request for re-use, re-assessment, and/or the production of derivatives.

Any remaining seawater from the samples will be kept in the original bottle it was collected in, which will be double enclosed in plastic bags to prevent contamination. The samples will be stored in a room with controlled access. Aliquots of those samples have been made available for other labs interested in intercalibrating with us or conducting analyses of previously-undone properties of that seawater.