

DATA MANAGEMENT PLAN

The proposed measurements are intended for publication in refereed journals. All of the measurements obtained from the proposed study will also be made readily available on managed public data repositories. We intend to upload all of the proposed measurements to the Biological and Chemical Oceanography Data Management Office (BCO-DMO) managed at WHOI.

The measurements that will be archived are as follows:

- Growth rates and denitrification rates of denitrifier strains on different carbon sources and different terminal electron acceptors
- Nitrate N and O isotope ratios at corresponding nitrate concentrations for denitrifier cultures
- Measurements of nitrate reductase activity among cultures

The appropriate metadata files will be annexed with respective measurements, detailing measurement procedures and standardization protocols, in keeping with standards and protocols established by the respective data repository managers. We are engaged in assuring that the data are deposited to the proposed archives by the end of the award's tenure. Direct object identifier links to the data repositories will be made available on the PIs' respective professional websites.