

## **Data Management Plan**

For all chemical and biological measurements we will comply with the Division of Ocean Sciences Sample and Data Policy ([www.nsf.gov/pubs/2011/nsf11060/nsf11060.pdf](http://www.nsf.gov/pubs/2011/nsf11060/nsf11060.pdf)).

*Types of data produced:* The data generated in this project will include both sequence data of novel N<sub>2</sub> fixers, as well as data on rates of N<sub>2</sub> fixation. All of the genomic data obtained will be submitted to the global Genbank database and thereby made directly available to the scientific community.

Process-oriented data such as rates of N<sub>2</sub> fixation (including experimental and environmental allied data including incubation length, date, depth, temperature etc.) from the seasonal SPOT study will be submitted to the national data centers Biological and Chemical Oceanographic Data Management Office (BCO-DMO) database in parallel with core data from ongoing the Fuhrman/ Caron NSF Dimensions in BioDiversity project. Backups of data files will be stored on a local hard disk for at least three years.

All data resulting from this project will be published and made openly available to the research community and the public through several sites listed above.