

## **EAGER: Coordination of respiratory gene transcription and respiration in cultivated marine bacteria (NSF OCE 1343773)**

Matthew T. Cottrell  
School of Marine Science and Policy  
University of Delaware

We agree to comply with the open access data policy as described in *Division of Ocean Sciences Data and Sample Policy, NSF 04-004*. The following is a modified version of what appeared in the original proposal.

### **Data Management Plan**

Data from this project will be published and made available on our website (<http://www.ceoe.udel.edu/our-people/profiles/mattcott>). This is a laboratory-based project without a field component, so we will be depositing data from cultivated marine microbes not environmental data. A metadata listing will also be available through our website or through other appropriate sites. The Biological and Chemical Oceanography Data Management Office (BCO-DMO; <http://bco-dmo.org/>) will serve as the main point of contact for data that will be made available from this project. All sequences collected during the project will be submitted to national sequence databases (NCBI; <http://www.ncbi.nlm.nih.gov>).

The following table gives the main data we anticipate collecting during this project, plus the appropriate database where the data will be submitted. We will also make use of our website (see above) for sharing these data with colleagues.

<u>Data</u>	<u>Database</u>
Bacterial abundances	BCO-DMO
Bacterial growth rates	BCO-DMO
Bacterial respiration rates	BCO-DMO
Gene transcription levels	BCO-DMO
Transcriptome sequence data (RNAseq)	NCBI