Data Management Plan

During the proposed work we will generate a large set of experimental data. This data set will be submitted to the Biological and Chemical Oceanography Data Management Office (BCO-DMO) in accordance with the NSF OCE policies on data archiving and dissemination.

Passow has been discussing ocean acidification data management standards with the SBC-LTER data manager, Margaret O'Brien, and is well aware of data repository needs. She has also deposited her data from prior projects to BCO-DMO, working with Steve Gegg to ensure high quality of data and required metadata. Additionally she has worked with the respective data managers to submit data to GRIDCC, the database of the Gulf of Mexico Research Initiative.

Her experience with data and metadata submission will facilitate data deposition and her data will be contributed to BCO-DMO within 2 years of their production to comply with NSF OCE data dissemination and archiving policy (NSF OCE Sample and Data Policy, May 2011). Data sets and associated metadata will be made available in Excel-compatible spreadsheets. Where appropriate, metadata will be submitted on the metadata forms developed by BCO-DMO. Metadata will include variable names, derived units, experimental set ups, analysis methods, descriptions of synthesis or calibration procedures where appropriate, data location, season, and quality control information. Variable names, keywords and metadata standards will follow existing guidelines and adherence to these standards will allow metadata to be shared and to be searchable between different databases.