

Data Management Plan

The major types of data to be generated by this project are electrode profile data, MIMS continuous measurements of gas concentrations, and model outputs. The products derived from this data (fluxes, concentrations, etc) will primarily be made available in publications and appendices to publications, since there are no standardized databases for such data and the datasets are relatively small. We will work with the Biological and Chemical Oceanography Data Management Office (BCO-DMO) to deposit any raw or processed data that they are willing to accept. Additionally, all raw and processed data will be archived (as Excel and ASCII files) by the PIs and made available upon request. These files are automatically generated by the instrument acquisition software and so will be in a standardized, easily processed format. The data will be made available either immediately after publication or two years after data are collected, whichever comes first. New software created to process the data will be made available on PI-Hopkinson's website so that the raw data can be reanalyzed by other investigators using our processing protocol. A webpage has already been setup for this purpose and some scripts are available (<http://www.marsci.uga.edu/facultypages/bhopkinson/code/>).