

Collaborative Research: Coupled Ocean-Atmosphere Recycling of Refractory Dissolved Organic Carbon in Seawater

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Data Management Plan

We agree to comply with the open access data policy as described in *Division of Ocean Sciences Data and Sample Policy, May 2011*. The oceanographic data and cruise deployment information stemming from this project will be made publicly available within two years following data generation through the archive network managed by Biological and Chemical Oceanography Data Management Office (BCO-DMO) (<http://www.bco-dmo.org/datasets>). Ship meteorological data, surface seawater salinity and temperature data, and CTD metadata will be submitted through the Rolling Deck to Depository program. An open access web site for the project with links to the data will also be posted on a server at SUNY ESF. The following table summarizes the primary metadata files that will be produced and the corresponding points of contact. During the initial period of data interpretation prior to their public posting, we will also use the project website to share preliminary versions of these data with collaborating investigators.

Metadata	Database	Point of Contact
Cruise Log	BCO-DMO	Beaupré
Aerosol Generator Operating Conditions	BCO-DMO	Keene
Seawater Characteristics		
Ionic Composition	BCO-DMO	Keene
Chlorophyll <i>a</i>	BCO-DMO	Kieber
Bubble Plume Properties	BCO-DMO	Frossard
DOC	BCO-DMO	Beaupré
¹⁴ C	BCO-DMO	Beaupré
Surfactants	BCO-DMO	Frossard
Primary Marine Aerosol Characteristics		
Number size distributions	BCO-DMO	Chang
Bulk and Size-Resolved OC _{we}	BCO-DMO	Keene/Kieber
Bulk OC _{tot}	BCO-DMO	Beaupré
Bulk ¹⁴ C	BCO-DMO	Beaupré
Bulk and Size-Resolved Ionic Composition	BCO-DMO	Keene
Bulk Surfactants	BCO-DMO	Frossard