

## DATA MANAGEMENT PLAN

We will comply with the open access data policy as described in *Division of Ocean Sciences Data and Sample Policy, NSF 04-004*. All data resulting from this project will be published and made openly available to the research community and the public through several sites. Basic oceanographic (salinity and temperature, chl *a*, DOC) and MET data obtained from the cruise will be archived in the NOAA PMEL database that is set up for our cruise ([http://saga.pmel.noaa.gov/data\\_servers.html](http://saga.pmel.noaa.gov/data_servers.html)), as well as other appropriate data banks including the National Oceanographic Data Center (NODC) and the Biological and Chemical Oceanography Data Management Office (BCO-DMO; <http://bco-dmo.org/>), within six months after completion of our cruise. Other data will be archived and made available at appropriate sites once data are published or after the completion of this project, either at one of these sites or at the main project website that will be developed and maintained at [www.esf.edu/chemistry/kieber/kieber.htm](http://www.esf.edu/chemistry/kieber/kieber.htm). Aerosol and bubble measurements will be described and made available at the Russell group website at <http://aerosols.ucsd.edu/>. A metadata listing will also be available through these websites or through other appropriate sites as they become available.

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

Table 1. Data archiving plan.

<b>Data</b>	<b>Responsible PI, Institution</b>	<b>Database</b>
Temperature and salinity	Kieber, SUNY-ESF	PMEL, NODC, BCO-DMO
Chlorophyll	Kieber, SUNY-ESF	PMEL, NODC, BCO-DMO
MET Data	Keene, UVA	PMEL, NODC, BCO-DMO
Irradiance and attenuation coefficients	Kieber, SUNY-ESF	PMEL, NODC, BCO-DMO
CAA and CHO	Kieber, SUNY-ESF	Kieber website
Dissolved organic carbon (DOC)	Kieber, SUNY-ESF	PMEL, NODC, BCO-DMO
CDOM absorbance spectra	Kieber, SUNY-ESF	PMEL, NODC, BCO-DMO
FTIR organic functional groups	Russell, UCSD	Russell website
SMPS, OPS, APS particle distributions	Russell, UCSD	Russell website
HR-TOF-AMS organic/inorganic mass	Russell, UCSD	Russell website
Bubble size distributions, Surface tension	Russell/Stokes/Deane, UCSD	Russell website
Whitecap coverage	Russell/Stokes/Deane UCSD	Russell website
Ionic composition of bulk aerosol	Keene, UVA	PMEL, NODC, BCO-DMO
Ionic composition of size-resolved aerosol	Keene, UVA	PMEL, NODC, BCO-DMO
Generator operating conditions	Keene, UVA	PMEL, NODC, BCO-DMO