

## Data Management

Data from laboratory cultures of *Prochlorococcus* and *Synechococcus*, will include HPLC-ESI-MS and NMR spectra (exact masses, 1D and 2D <sup>1</sup>H NMR spectra, frequency & area of signals, coupling constants), as well as relevant culture data (media and growth conditions, cell numbers) will be archived and made publically available through the *Prochlorococcus* portal (<http://proportal.mit.edu>) maintained by MIT.

Data from the western North Atlantic Cruise includes gas measurements and cell counts from shipboard incubation experiments, HMWDOM sampling and analyses protocols, chemical (C/N, % C, recoveries), isotope, mass and NMR spectral data (see above). Data, sampling protocols, and experimental descriptions from the *R/V Armstrong* field campaign will be deposited with the BCO-DMO database ([bcodmo.org](http://bcodmo.org)) in agreement with established policies and practices of the WHOI BCO-DMO office. The BCO-DMO office will archive the data in an appropriate national archive facility. Data will also be disseminated through peer review publications and presentations at national and international meetings. We keep electronic laboratory notebooks that are stored daily in a server managed and backed up by the WHOI computing and information services center. We make our data available to the public on the Repeta Lab website ([http://www.whoi.edu/sites/Repeta\\_Lab](http://www.whoi.edu/sites/Repeta_Lab)), and through peer-reviewed publications.