

Photoproduction and Photochemistry of Acrylate in the Marine Environment

David J. Kieber, Department of Chemistry, State University of New York, College of Environmental Science and Forestry, Syracuse NY 13210

Data Management Plan

The PI agrees to comply with the open access data policy as described in *Division of Ocean Sciences Sample and Data Policy, December 2016*. The laboratory and field data 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>). The primary metadata that will be generated for this project that will be submitted to BCO-DMO include (1) acrylate absorption spectra in high purity laboratory water, (2) seawater CDOM absorption spectra and DOC concentrations, (3) acrylate photochemical production rate data, and (4) CDOM and irradiance data, and acrylate concentration, photoproduction, photolysis and biological uptake data generated from the Moorea field study. Results from this study will also be published in peer-reviewed journals with links to the supporting metadata archived on the BCO-DMO website.