

Title:

BCO-DMO: Domain-Specific Data Management Services for the Marine Biogeochemistry and Ecology Communities

Abstract:

The Biological and Chemical Oceanography Data Management Office (BCO-DMO) is a publicly accessible earth science data repository created to curate, publish, and archive digital data and information from biological, chemical and biogeochemical research conducted in coastal, marine, great lakes and laboratory environments. The BCO-DMO repository works closely with investigators funded through the NSF OCE Division's Biological and Chemical Sections and the Division of Polar Programs Antarctic Organisms & Ecosystems. The office provides services that span the full data life cycle, from data management planning support and DOI creation, to archive with appropriate national facilities. This presentation will introduce the repository, its services provided to researchers, and its role in the broader domain data management landscape.

Bio:

Danie Kinkade is an Information Systems Associate at the Woods Hole Oceanographic Institution, where she serves as co-PI and Director of the Biological and Chemical Oceanography Data Management Office ([BCO-DMO](#)). Danie holds a master's degree in marine science and possesses 20 years of experience managing oceanographic observational data. Her current research interests lie at the intersection of information science and oceanographic research, where focus on data curation, discovery, access, and publication using novel technologies and community best practices facilitates open science. Danie is currently Co-Chair for the EarthCube Council of Data Facilities, was formerly an EarthCube Leadership Council member, and has served as Co-PI or Institutional lead for several NSF-funded cyberinfrastructure related projects.