



Data Publication: An Example of Data Repository and Library Cooperation

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Motivated by publisher and funding agency mandates, and a desire to properly attribute data sets to originating investigators, the Marine Biological Laboratory/Woods Hole Oceanographic Institution (MBLWHOI) Library and a team of data managers and scientists are collaborating with representatives from the Scientific Committee on Oceanic Research (SCOR) and the International Oceanographic Data and Information Exchange (IODE) of the Intergovernmental Oceanographic Commission. The work is inspired by a June 2008 SCOR/IODE Workshop on Data Publishing. The goal is to identify best practices for tracking data provenance and clearly attributing credit to data collectors/providers.

In April 2010, project participants were challenged to develop and execute pilot projects related to two use cases in which: (1) data held by data centers are packaged and served in formats that can be cited and (2) data related to traditional journal articles are assigned persistent identifiers referred to in the articles and stored in institutional repositories, such as DSpace. This presentation reports on a collaboration between the MBLWHOI Library and the Biological and Chemical Oceanography Data Management Office (BCO-DMO) to publish data in a way that makes it possible for data providers to cite their data and make it more accessible for use by other investigators. We will also report on the strategies for meeting the cultural and technical challenges and on other pilot project work being undertaken by the group.

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