

Current JGOFS DMTT activities, and data management requirements for future marine biogeochemical projects - insights for modelers

Margarita Conkright\*; Bernard Avril✉

\*Ocean Climate Laboratory, National Oceanographic Data Center, E/OC5, 1315 East-West Highway, Silver Spring, MD 20910, USA, Tel: +1 301 7133290 ext 193, Fax: +1 301 713 3303;  
✉JGOFS International Project Office, SMR (P.O. Box 7800), University of Bergen, N-5020 Bergen, NORWAY, Tel: +47 555 84249 Fax: +47 555 89687

The JGOFS Data Management Task Team (DMTT) is currently focusing on compiling all JGOFS data and associated metadata into a comprehensive, uniform database that will ensure its rapid, worldwide dissemination and long-term stewardship within the World Data Center (WDC) system, thanks to a PANGAEA/WDC-MARE initiative. The user interface for this International JGOFS Master Dataset is still under discussion, especially regarding the core parameters archived, the retrieval/searching tools and the datasets viewing/exporting tools. The views and feedback from the JGOFS modeling community regarding the present DMTT plans are welcome. Present efforts of the DMTT are on data acquisition from national JGOFS contributions and individual scientists from participating countries without national DMTT representatives, quality control and conversion into a common format. We will present a description of data currently available for scientists involved in modeling and data synthesis. In addition, the DMTT has elaborated several recommendations for international program managers and funding agencies, regarding the management of data from future international projects, which should result in the rapid availability of data, concurrent with synthesis and modeling activities. An international framework with adequate financing and a coherent framework for data management is essential for future marine biogeochemistry programs.