

World Ocean Circulation Experiment: Support For The U.S. WOCE Office

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Award #: N00014-01-1-0037
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LONG-TERM GOALS

The U.S. WOCE Office (USWO) at Texas A&M University was established to carry out the necessary coordination both within the U.S. and between the U.S. and international partners to permit successful implementation of this multi-national project, which aims to improve our knowledge of the ocean's role in long-term (decadal and longer) climate change.

OBJECTIVES

Principal specific responsibilities of the U.S. WOCE Office have been agreed between federal agencies and the Principal Investigator as follows:

1. Provide support for U.S. WOCE activities through:
 - a. Preparing position papers and other documentation with respect to the efforts of the individual WOCE components and the panels and working groups of the Science Steering Committee (SSC).
 - b. Coordinating travel and meeting arrangements for scientists attending meetings of the panels and working groups mentioned above.
 - c. Compiling and maintaining records detailing the progress of the individual funded research projects that make up U.S. WOCE.
 - d. Coordinating between the individual research projects in the acquisition and use of shared facilities, and the distribution of information about and data obtained by WOCE field activities.
 - e. Coordinating and exchanging information with international WOCE partners.
 - f. Coordinating and exchanging information with other global change research programs.
 - g. Maintaining a public information program.
2. Provide support for the International Project Office for WOCE (IPO) through:
 - a. Coordinating travel arrangements and providing financial support for U.S. participants in international WOCE panel and working group meetings.

b. Providing technical and managerial assistance through the financial support of consulting personnel and printing costs.

APPROACH

As the WOCE program has matured, the U.S. WOCE Office has concentrated on the following topics: data management, synthesis activities within the program, which includes improved coordination among the U.S. ocean modeling community, program transfer to CLIVAR and GOOS, provision of information on the progress of WOCE, and travel support for U.S. participants at WOCE panel meetings.

WORK COMPLETED

ONR support to the USWO was provided specifically to support travel of U.S. participants at WOCE-related meetings within the U.S. Recent meetings either underwritten or supported by the U.S. WOCE Office include:

US WOCE SSC Meeting, San Francisco, CA, 14-16 February 2001

International WOCE/CLIVAR Working Group on Ocean Model Development Meeting, Santa Fe, NM, 5-7 March 2001

International WOCE Atlas Authors Conference, Southampton, UK, 3-10 March 2001

International WOCE Data Products Committee Meeting, Silver Spring, MD, 25-29 March 2001

Intergovernmental Working Group on Oceanographic Data Exchange Policy, Brussels, Belgium, 26 May - 1 June 2001

International JGOFS/WOCE Transports Workshop, Southampton, UK, 25-29 June 2001

The only additional meeting planned for support during the remainder of this calendar year is the International WOCE SSG Meeting, to be held at La Jolla, CA, in December 2001.

RESULTS

Not applicable

IMPACT/APPLICATIONS

Not applicable

TRANSITIONS

Not applicable

RELATED PROJECTS

The two main programs that will carry on after WOCE are the Climate Variability and Predictability Programme (CLIVAR) and the Global Ocean Observing System (GOOS). The data system established for WOCE is being used as a basis for CLIVAR data management and could form part of the GOOS data system.

PUBLICATIONS

U.S. WOCE Office (2001): U.S. WOCE Implementation Report #13, November 2001, in press.

Chapman, P. (2001). Oceanographic data policy and WOCE. SADC Newsletter, 12 (1) 1, 8.

Nowlin, W. D., M. Briscoe, N. Smith, M. McPhaden, D. Roemmich, P. Chapman and F. Grassle. Evolution of a Sustained Ocean Observing System . Bull. Amer. Met. Soc. 82, 1369-1376.