

**OCEAN AND GLOBAL CLIMATE CHANGE**

**Bibliography for the Second Scientific Meeting**

**The Oceanography Society**



**U.S. DEPARTMENT OF COMMERCE**

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## INTRODUCTION

One of the largest and most important research efforts of the 1990's is the quest for accurate models and predictions of how the earth's climate will change over the next several decades. Both short-term and long-term models continue to be developed and revised by obtaining larger datasets and integrating this data using ever increasing computing power. A large amount of work has already been documented, but much more remains to be done.

The National Oceanographic Data Center (NODC) is pleased to present the attendees of the Second Scientific Meeting of The Oceanography Society with this special publication, Ocean and Global Climate Change. This publication provides a list of recent reference works about the relationship between global climate change and the ocean, which were found by searching several online files and several CD-ROM products available at the National Oceanic and Atmospheric Administration (NOAA) Library. The list includes journal and book sources from 1985 to the present.

The NODC is one of three discipline-oriented data centers operated with the National Environmental Satellite, Data, and Information Service (NESDIS) of the NOAA, U.S. Department of Commerce. The other two NESDIS environmental data centers are the National Climatic Data Center (NCDC), and the National Geophysical Data Center (NGDC). These organizations serve as national repositories and dissemination facilities for global oceanographic, climatological, and geophysical data.

Data held by each center are acquired from a variety of sources including government agencies, universities and research institutions, private industry, and foreign organizations. Foreign data are obtained through bilateral exchanges and through the World Data Center (WDC) system. The WDC system comprises WDC-A in the United States, WDC-B in the U.S.S.R., WDC-C in Western Europe and Japan, and WDC-D in the Peoples Republic of China. This multiple-center network is maintained to facilitate international data exchange, to protect data collections from catastrophic loss, and to make data accessible to users around the world. Most WDC-A subcenters are located at and operated by the corresponding NESDIS national data centers. WDC-A for Oceanography, for example, is operated by the NESDIS National Oceanographic Data Center.

Many of the reference works described in this publication are available from the NOAA Central Library and Information Services. Addresses and telephone numbers of contact points are:

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