An Overview of IODP Scientific Publications

by Emanuel Soeding, Dan Evans, Ann Klaus, Shin’ichi Kuramoto, Hans Christian Larsen, and Angie Miller

doi:10.2204/iodp.sd.3.11.2006

Development of IODP Reports and Publications

A new series, the *Proceedings of the Integrated Ocean Drilling Program*, is continuing the legacy of scientific ocean drilling publications that began with the *Initial Reports of the Deep Sea Drilling Project* and the *Proceedings of the Ocean Drilling Program*. Together, these series document almost forty years of ocean drilling expeditions.

In 2004, the format of the *Proceedings of the Integrated Ocean Drilling Program* was defined based on input from the ocean drilling scientific community, the Integrated Ocean Drilling Program (IODP) Implementing Organizations, scientific publishers, and program management (IODP-MI). The IODP scientific publications structure comprises a report series, a *Proceedings* series, and the program journal *Scientific Drilling* (Fig. 1). The new IODP publication structure is, except for the journal, exclusively electronic and offers easy Web access (http://www.iodp.org/scientific-publications/). Another important element is the program decision to pursue publication of scientific papers related to post-expedition research in the open, peer-reviewed literature.

**IODP Reports**

The IODP report series comprises IODP *Scientific Prospectus*, IODP *Preliminary Report*, and IODP *Technical Notes*. The *Scientific Prospectus* outlines the expedition plan and is published no later than two months before an expedition. The *Preliminary Report* summarizes the expedition technical operations and scientific results and compares the expedition achievements to the expedition goals outlined in the *Scientific Prospectus*. The *Preliminary Report* is prepared for publication within two months after the conclusion of an expedition. *Technical Notes* documents program-related scientific and engineering operational documentation and is published on an as-needed basis.

**IODP Proceedings**

The *Proceedings of the Integrated Ocean Drilling Program* is a serial publication that contains a detailed summary of expedition technical operations and scientific results and related peer-reviewed data reports and synthesis papers that cover post-expedition research. A single *Proceedings* volume will be published for each IODP expedition or drilling project (a series of related expeditions). Each volume is divided into two main sections—“Expedition Reports” and “Expedition Research Results.” The Expedition Reports section contains a record of the expedition objectives, a thorough summary of the scientific and engineering results, and core description data and is published on the Web in HTML and PDF formats and on DVD (Fig. 2) at the end of the sample and data moratorium period. The Expedition Research Results section will contain peer-reviewed data reports and synthesis papers based on post-expedition research. In a change from the Ocean Drilling Program (ODP) and Deep Sea Drilling Project (DSDP), all other scientific papers documenting IODP post-expedition research results will be published in peer-reviewed English language journals. To ensure that the IODP continues to obtain a compendium of expedition-related work, each *Proceedings* volume also includes a bibliography of
Developments

IODP scientific publications incorporate Web-based information technology that increases reader access and allows a stronger integration of text-based publications and data objects in distributed data repositories. The IODP has joined CrossRef to register digital object identifiers (DOIs) for all IODP scientific reports and publications. The DOI system improves accessibility to scientific publications and provides a method for member publishers to cite and link to each others’ online publications. To further improve access to IODP-related research, The IODP will work with publishers to provide open access to publications that contain results from IODP data. The program is also taking steps to further integrate publications with program-generated data as well as data from other related programs through the Scientific Earth Drilling Information System (SEDIS). Proposed enhancements in SEDIS Phase 2 include advanced search tools for both text and data (Miville et al., 2006). As the IODP moves forward implementing new technology, the ODP reaches back to secure the legacy of multiple decades of scientific ocean drilling through an exciting initiative to digitize the printed Initial Reports of the Deep Sea Drilling Project series and the early volumes of the Proceedings of the Ocean Drilling Program series. These volumes will be available online in PDF format in 2007–2008 with text-searching capability. For further information please contact: publications@iodp-mi-sapporo.org.

Reference


Authors

Emanuel Soeding, IODP-MI, CRIS Building, Rm. 05-101, Hokkaido University, N21 W10 Kita-ku, Sapporo, 001-0021 Japan, e-mail: publications@iodp-mi-sapporo.org.

Dan Evans, ECORD Science Operator, British Geological Survey, Marine Operations and Engineering, Murchison House, West Mains Road, Edinburgh EH9 3LA, Scotland, U.K.

Ann Klaus, Integrated Ocean Drilling Program U.S. Implementing Organization, Texas A&M University, 1000 Discovery Drive, College Station, Texas 77845-9547, U.S.A.


Hans Christian Larsen, IODP-MI, CRIS Building, Rm. 05-101, Hokkaido University, N21 W10 Kita-ku, Sapporo, 001-0021 Japan.

Angie Miller, Integrated Ocean Drilling Program U.S. Implementing Organization, Texas A&M University, 1000 Discovery Drive, College Station, Texas 77845-9547, U.S.A.