

DSDP and ODP Legacy Publications Online

Published volumes detailing nearly 40 years of scientific discoveries from ocean drilling research are now freely accessible online. All findings and data published in the Ocean Drilling Program (ODP) and the Deep Sea Drilling Project (DSDP) publication series and program reports are online. ODP publications are available at <http://www.odplegacy.org> (click on Samples, data & publications). DSDP publications are available at <http://www.deep-seadrilling.org>.

The *Proceedings of the Ocean Drilling Program* includes an *Initial Reports* volume of shipboard reports for each ODP research cruise and a companion *Scientific Results* volume of peer-reviewed postcruise research results. ODP first began publishing its *Proceedings* online in 1997. Through the digitization effort, scanned versions of ODP *Proceedings* volumes originally published between 1986 and 1996 have been made Web-accessible.

The HTML tables of contents provide navigation to individual chapter files. PDF chapter files generated from more than 185,000 pages through the digitization project started as scanned images of each original page. Through the use of optical character recognition (OCR), a searchable text layer was added, allowing the user to copy and paste text from the final PDF files. The digitized volumes include links to individual core photographs scanned from original film as part of a separate ODP legacy project.

Every chapter in both the *Proceedings of the Ocean Drilling Program* and the *Initial Reports of the Deep Sea Drilling Project* has a digital object identifier (DOI) associated with it. With informa-

tion about DSDP and ODP publications deposited with the DOI, publishers can now link directly online to cited papers across the DSDP and ODP series.

The digitization project was carried out at the Texas A&M University Digital Library in a joint venture with ODP sponsored by the U.S. National Science Foundation.

ODP was a 20-year international partnership of scientists and research institutions organized to explore the evolution and structure of the Earth through scientific ocean drilling. It conducted drilling operations in the world's oceans from January 1985 through September 2003. The program succeeded DSDP, which began drilling operations in 1968 and concluded its explorations in 1983. The Integrated Ocean Drilling Program (IODP) has been building upon the legacy of success of both its predecessor programs since 2004.



Conversion of the JOIDES Resolution Progressing

Joint Oceanographic Institutions (JOI) announced in April 2007 that Overseas Drilling Limited has signed a contract with Jurong Shipyard PTE LTD for the overhaul and enhancement of the research vessel *JOIDES Resolution*. The shipyard contract covers work through 2007, when the vessel is to be delivered for sea trials before returning to service for the Integrated Ocean Drilling Program (IODP) in 2008.

There have been great efforts by NSF



and the USIO to keep the Scientific Ocean Drilling Vessel (SODV) project moving forward, despite severe cost pressures. As of July 2007 purchase of new science equipment was nearly complete, refurbishment of some existing equipment continued, and land based testing and integration had begun. Many ship and drilling service life extension projects have been completed and others are continuing. The drilling equipment, including the drilling derrick, were removed from the ship and refurbishment is well underway (see photos). To prepare the ship for new science facilities and accommodations, demolition of the existing facilities was required. To that end the lab stack, lifeboats, davits, and bridge have been removed and the accommodations have been gutted. Operations are scheduled to begin in 2008.

Since 2004 the *JOIDES Resolution* has been the U.S. platform for the IODP. For the majority of the previous two decades, the ship was employed by the

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GSA—28–31 Oct. 2007, Denver, Colo., U.S.A.

AGU—10–14 Dec. 2007, San Franc., Calif., U.S.A.

AAAS—14–18 Feb. 2008, Boston, Mass., U.S.A.

AAPG—20–23 Apr. 2008, San Antonio, Tex., U.S.A.

OTC—5–8 May 2008, Houston, Tex., U.S.A.

EGU—13–18 Apr. 2008, Vienna, Austria

JPGU—May 2008, Chiba, Japan

IGC—6–14 Aug. 2008, Oslo, Norway

*Conference exhibitions may be added or changed. Visit <http://www.iodp.org> for calendar updates.



Ocean Drilling Program, predecessor to the IODP. For the latest information and more spectacular pictures about the SODV project visit <http://joiscience.org/sodv/>.

IODP Phase 2 Started

With the start of the first expedition of the NanTroSEIZE project in October 2007, the second phase of IODP has begun. During IODP Expedition 314 the Japanese drilling vessel *Chikyu* will drill a subduction zone off southern Japan. The first phase of IODP spanned from 2004 to 2005, comprising operation of twelve research expeditions. Ten expeditions were undertaken by the riserless U.S. operated drilling vessel *JOIDES Resolution* and two expeditions were performed by mission-specific platforms operated by the European Consortium for Ocean Research Drilling (ECORD). After a drilling hiatus of almost two years the IODP's options are now enhanced by the use of the *D/V Chikyu*, a ship providing riser drilling technology supplied to the program by the Japan Agency for Marine Earth-Science and Technology. In addition the U.S. ship *JOIDES Resolution* is being significantly remodeled, enhanced and upgraded, which will allow scientists to address new and previously inaccessible drilling targets.

In preparation for the upcoming expeditions, the first *Scientific Prospectuses* for Expeditions 314–316 have been published and made available on the Web (<http://www.iodp.org/scientific-publications/>). Applications for upcoming expeditions can be submitted through IODP's Web page at <http://www.iodp.org/apply-to-sail/>.

ICDP Training Course 2007

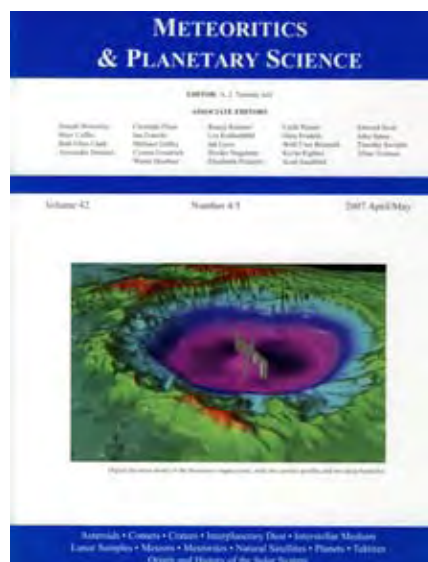
Each year the ICDP conducts a one-week field course to train scientists and engineers on basics in scientific drilling. The key aspects of the courses cover project planning and management, drilling technology, borehole measurements, scientific on-site analyses, and information management. The training is open for advanced students, PhD students, post-docs from ICDP member countries and is recommended

for managers and scientists from forthcoming ICDP projects.

The training will be held in Windischeschenbach, Germany, the drill site of the scientific deep drilling project KTB, from 5–9 November this year. A highlight will be an excursion to InnovaRig, the newly developed facility for scientific drilling (see Wohlge-muth et al., this issue). The detailed program can be found in “News>>Upcoming Events” on the ICDP webpage: <http://www.icdp-online.org>.

First Results of ICDP Bosumtwi Project Published

The first results of the impact and geophysical aspects of the ICDP drilling project have just been published in a special double issue (April–May 2007) of the international journal *Meteoritics and Planetary Science*. See <http://www.ingentaconnect.com/content/arizona/maps> for contents and abstracts. As a service to the ICDP community, these 27 articles have also been placed online at the ICDP Bosumtwi Web site under “references”, see http://www.icdp-online.org/contenido/icdp/front_content.php?idcat=446. More work, especially also on the lake sediments as well as impactites, is in progress.



ICDP welcomes new members Italy and Spain

Italy and Spain have recently completed Memoranda of Understanding on membership and participation in the International Continental Scientific Drilling Program (ICDP). A Consortium

of the Instituto Nazionale di Geofisika e Vulcanologica (INGV) and Centro Regionale di Competenza Analisi e Monitoraggio del Rischio Ambientale CRdC (AMRA) are partners in ICDP for Italy while the Spanish Ministry of Education and Science joined in for the Spanish Earth science community.

ESSAC Office in Aix-en-Provence after 1 Oct. 2007

After two efficient and fruitful years in Cardiff, U.K., the ESSAC office rotates to Aix-en-Provence in France on 1 October 2007. It will be located at CEREGE, Europôle Méditerranéen de l'Arbois, BP80, 13545 Aix-en-Provence cedex 4, France. Gilbert Camoin (gcamoin@ceroge.fr) will take over from Chris MacLeod to serve as the new ESSAC Chair. The new ESSAC Science Coordinator is Bonnie Wolff-Boenish, who was previously Program Manager of the German Priority Program (PP) International Continental Scientific Drilling Program (ICDP) at the University of Potsdam since 2005.

Scientific Drilling Special Issue on Fault Zones

Scientific Drilling will print its first special issue in October 2007 on the results of the Fault Zone Workshop held in May 2006 in Miyazaki, Japan. This issue will contain the white paper as the result of the workshop, as well as selected abstracts from the presentations given. The editorial board consists of the workshop steering committee: Harold Tobin, Steve Hickman, Jan Behrmann, Hisao Ito, and Gaku Kimura. Since only a limited number of copies will be printed, it will not be distributed like the regular issues of *Scientific Drilling*. Interested scientists or libraries are welcome to send an email with their mailing address to journal@iodp-mi-sapporo.org to request a printed copy. Requests are served as long as supplies last. The special issue on the Fault Zone Workshop will also be available online in PDF format from <http://www.iodp.org/scientific-drilling/>.