Function of ICDP

The International Continental Scientific Drilling Program is a multinational program designed to promote international continental drilling projects. ICDP provides financial and operational support for scientific projects with a need for drilling.

Organization

The structure of the ICDP is simple and flexible:

- The Assembly of Governors (AOG) determines the program policies;
- The Executive Committee (EC) is responsible for project prioritization, budget allocation and program management;
- The Science Advisory Group (SAG) reviews the project proposals;
- The Operational Support Group (OSG) provides broad scientific-technical support;
- The German Research Centre for Geosciences (GFZ) is ICDP’s Executive Agency.

Further Information:
http://www.icdp-online.org
or contact
icdp@gfz-potsdam.de
ICDP’s Equipment Pool includes the GFZ InnovaRig for 5 km rotary drilling and wireline coring operations.

The OSG provides on-site IT support and data management services during drilling and post-drilling phases, including ICDP’s Drilling Information System (DIS) for rapid distribution of key information from the field to the World Wide Web, long-term storage and secure dissemination of science data, inter-project data exchange, web-based collaboration, and others.

ICDP’s digital optical core scanning systems for 360° and split core scans incl. splicing and analyzing programs and a petrophysical core logging device for analyses of Gamma density, P-wave velocity, Magnetic susceptibility, and Resistivity are available for ICDP projects.

The OSG can provide GFZ equipment for drilling mud gas monitoring, a technique to achieve real-time information on the composition and distribution of gases while drilling.

The OSG organizes and conducts specific workshops and scientific-technical training courses covering all scientific drilling related issues such as engineering, sampling, logging, monitoring, data management, project planning and management.

ICDP provides a drill pipe and wireline coring system. Cores of 94 mm diameter can be recovered from down to a depth of 5.5 km through the 139.7 mm OD wireline drill string.

The OSG operates a set of slimhole and standard-size wireline tools for Resistivity, Sonic velocities, Magnetic susceptibility, Natural radioactivity, Geometry/Structure and Temperature/Pressure. A mud analysis tool, a fluid sampler, temperature tool and borehole geophone/seismometer chain are also available such as all necessary winches, cables, and data acquisition systems.

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Drilling Mud Gas Monitoring

Education and Outreach

Wireline Coring System

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