

Services & Training

ICDP offers logistics and support in a range of fields through its Operational Support Group OSG:



Downhole Logging and Monitoring

Project Planning

Project Management



Drill Core Scanning and Logging

Drilling Tools

Borehole Measurements



Data Management

Drill Site Science Equipment

Information Management



ICDP Training Courses

Education and Outreach

ICDP Members

Austria
Czech Republic
Canada
China
Finland
France
Germany
Japan
New Zealand
Norway
Iceland
Italy

India
Israel
Poland
South Africa
Spain
Sweden
Switzerland
The Netherlands
USA

UNESCO
Schlumberger

Funding through ICDP

Scientists from member countries, countries considering ICDP membership, and developing countries are invited to submit unsolicited proposals to the ICDP for financial and logistical support of continental scientific drilling.

The annual deadline for proposal submission is January 15; decisions will be communicated within a few months.

The selection of project proposals for ICDP funding is based primarily on scientific merits and the expected impacts on the Earth Sciences but also includes secondary considerations such as societal relevance, technical challenges, environmental concerns, permitting and safety issues etc.

ICDP partly covers the operational costs of drilling, but applicants are also requested to raise additional funding sources.

The Thrill to Drill



Projects

Lake Van Drilling (PALEOVAN)

The Paleovan project recovered and analysed a long continental paleoclimate record in a sensitive, semiarid region. It served to explore the paleoclimate, the dynamics of lake-level fluctuations and hydrogeological development and the temporal and spatial evolution of explosive volcanism and earthquake activities.



The Snake River Plain Scientific Drilling (Hotspot)

The Snake River Plain represents a world-class example of active mantle plume volcanism in an intracontinental setting. Scientific drilling was undertaken to understand the interaction of deep mantle plumes and continental lithosphere and their evolution in time and space.



Barberton Drilling (Peering into the Cradle of Life)

The Barberton Greenstone Belt in South Africa is one of the best-preserved successions of Archean supracrustal rocks in the world. The contacts of lava flows and continuous successions of critical sedimentary rock sequences provide important information on sedimentation, erosion and evolution of life on the early Earth.



The Dead Sea Drilling Project

DSDP recovered a continuous sequence of drill core to provide a high resolution record of the paleoclimate, paleoenvironment, paleoseismicity, and paleomagnetism of the Dead Sea Basin. The findings will help understanding climate and human evolution due to the regions role as major route of early human migration and development.

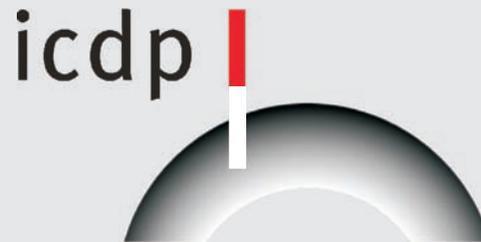
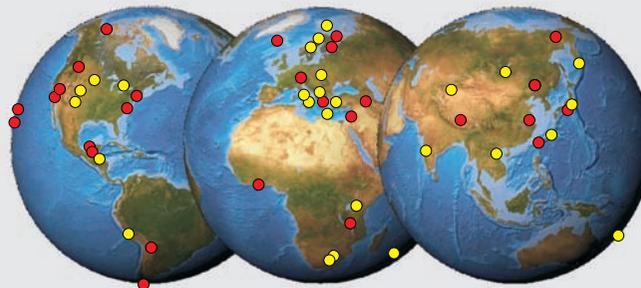


Function

The International Continental Scientific Drilling Program, ICDP is a multinational program designed to promote and coordinate continental scientific drilling projects with a variety of scientific objectives at drill sites of globally outstanding geoscientific significance.

International teams of scientists are invited to submit project proposals to ICDP for financial and logistical support of drilling operations. ICDP provides funding for high-priority projects which critically need drilling as a tool.

So far, 27 Scientific Drilling projects have been supported by ICDP while several other projects are currently underway.



Further Information:
<http://www.icdp-online.org>
or contact
icdp@gfz-potsdam.de

Themes



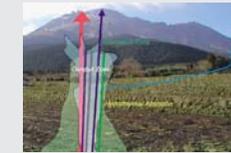
Climate
Climate Dynamics and Global Environments



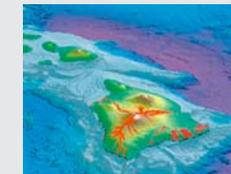
Life
The GeoBiosphere



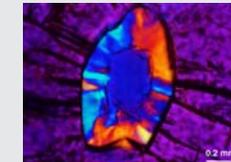
Fault Zones
Active Faults and Earthquakes



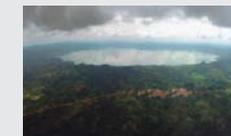
Volcanoes
Active Volcanic Systems



Hot Spots
Hotspot Volcanoes and Large Igneous Provinces



Collision
Convergent Plate Boundaries and Collision Zones



Impact Structures
Impact Craters and Processes



Resources
Natural Resources