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Workshop on the Campi Flegrei Caldera Deep Drilling Project

3–15 November 2006, Naples, Italy

Application deadline: 22 September 2006

Campi Flegrei caldera, located just west of Naples (Italy), represents an ideal natural laboratory for understanding the most explosive volcanism on Earth and its impact on a densely populated area. The location of Campi Flegrei, half onland and half offshore, presents a unique opportunity for a joint IODP and ICDP scientific project.

The international workshop is co-sponsored by the ICDP and ESF-ECORD to assess precisely the main scientific goals and the best procedures to achieve them by deep drilling. The main targets are:

- 1) Reconstruction of the deep caldera structure, thermal state, stress and rheology (location of shallow magma reservoirs and brittle-ductile transition)
- 2) Reconstruction of the geothermal system and its interaction with magma reservoirs during eruptive and pre-eruptive phases
- 3) Determination of best strategies for geothermal energy exploitation
- 4) Improvement of shallow and deep monitoring technologies and risk mitigation

Limited funding is available for travel and participation. Members of the international scientific community who wish to contribute or participate in the Workshop are invited to submit an application with their name, institution, contact details, research interests and expertise.

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COREF Workshop

15–19 January 2007,
Okinawa-jima, Japan

Application deadline:
30 November 2006

The COREF (coral-reef front) Project proposes a continental scientific drilling campaign in the Ryukyu Islands (north-

western Pacific Ocean) to investigate the dynamic response of the coral-reef fronts in this region to Late Quaternary climate and sea level change. The project shall answer the following questions: 1) what is the nature and magnitude of coral-reef front migration in the Ryukyus? 2) what is the ecological response of coral reefs in the Ryukyus to late-Quaternary climate change? 3) what is the role of coral reefs in the global carbon cycle?

The proponents of the COREF Project announce an international workshop to be held under the auspices of the ICDP. We invite scientists from all countries who are interested in coral-reef responses to climatic changes on various time scales. Limited travel funds are available to help offset the costs associated with workshop participation.

More information and registration at <http://www.dges.tohoku.ac.jp/igps/iryu/COREF/>

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ICDP Workshop on Drilling the North Anatolian Fault (Turkey)

April 2007, Istanbul, Turkey

A deep borehole observatory in the North Anatolian Fault Zone (NAFZ) will allow studying earthquake activity close to the seismically active part of the fault zone at a depth of 4–15 km. A borehole array will enhance the resolution of seismological observations by several orders of magnitude. This would allow the study of rupture processes, heat and fluid flow, orientation and magnitude of local stresses and strains at the fault, the *in situ* strength of a major plate boundary fault. Seismicity and temporal changes of physical properties could be monitored for several decades and prior to an expected large earthquake. This would give new insight into potential transients and scale dependence of physical processes operating in a fault zone during the seismic cycle.

A workshop on 'Drilling the North Anatolian Fault' will be held in April 2007 in Istanbul, Turkey to discuss and

strengthen plans for a deep drilling project combined with the installation of a deep borehole observatory at the North Anatolian Fault Zone. Colleagues from the international science community and drilling specialists that are involved in current ICDP fault drilling projects are invited to join. During the workshop a science and drilling plan for a deep drill hole will be generated, and a draft for a full drilling proposal to be submitted to ICDP in Fall 2007 will be prepared.

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Townhall Meetings, Fall AGU

Several drilling-related town hall meetings are taking place during the Fall AGU 2006 in San Francisco. Dates and locations were not set as of the publication date of this journal.

For the IODP town hall meeting please visit <http://www.iodp.org> to find the most recent information about the meeting.

The ICDP/DOSECC town hall meetings will take place on Monday, 11 December, 19:30–20:30 at the Marriott Hotel. Time and date await confirmation, so visit <http://www.icdp-online.org> for the latest information.

For the SHALDRIL town hall meeting please visit <http://shaldril.rice.edu>.