

Geothermal and hydrological monitoring in boreholes -Results and plan-

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Heat flow measurements have been carried out during cruises of Ocean Drilling Program, by direct measurements of in-situ temperature measurements in the boreholes up to several hundreds meters depth. They should provide essential information on the crustal thermal structure if combined with conventional heat flow data obtained on surface.

A couple of long-term monitoring system "CORK" have been deployed for one year, in order to monitor hydrological events at spreading centers or accretionary prisms. A major revision of CORK is planned, and it will be deployed in Nankai Trough boreholes drilled in 2000-2001.