



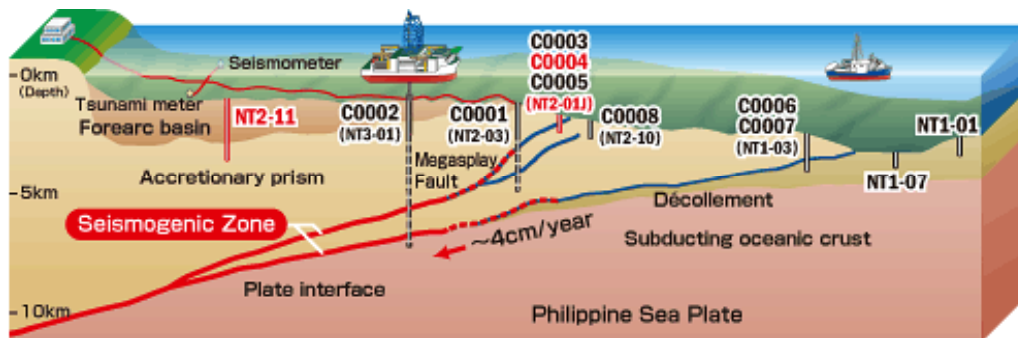
CALL

for scientists based in Europe and Canada
Nankai Trough Seismogenic Zone Experiment - NanTroSEIZE Stage 3
NanTroSEIZE Plate Boundary Deep Riser 1 Expedition
with the Chikyu drilling vessel
(June – August 2010/August – Oktober 2010)
DEADLINE January 29, 2010



The European Consortium for Ocean Research Drilling (ECORD) offers you the unique possibility to sail in the framework of the Integrated Ocean Drilling Program (IODP), an international research program for drilling at sea.

Scientific Aims Earthquakes, especially those at subduction zones, are among the greatest natural hazards on the planet. The Nankai Trough Seismogenic Zone Experiment (NanTroSEIZE) is a complex ocean drilling project (see "Scientific Background") that is conducted over several years with multiple expedition teams of scientists from all around the world. The Nankai Trough is located beneath the ocean off the southwest coast of Japan and is one of the most active earthquake zones on the planet. NanTroSEIZE attempts for the first time to drill, sample, and instrument the earthquake-causing, or seismogenic portion of Earth's crust, where violent, large-scale earthquakes have occurred repeatedly throughout history.



Science Party and required expertise The Science Party will be separated into two groups of 11 scientists each, and will sail for an approximately 2 month period each. Since Chikyu will remain on site during the entire Expedition, the Science Parties will embark/disembark via helicopter. Each group will consist of **Sedimentologists, Physical Property Specialists, Geochemists, Micropaleontologists, Logging scientists, and Structural Geologists.**

Scientific Background Previous NanTroSEIZE expedition reports are available at <http://www.iodp.org/scientific-publications/>. Also a summary of the scientific objectives and operations for the overall NanTroSEIZE drilling is available at <http://www.jamstec.go.jp/chikyu/eng/Expedition/NantroSEIZE/index.html>.

Timing The expedition schedule is liable to change at short notice, based on final budget and operational time decisions as well as sea conditions (Kuroshio current) at the proposed drilling sites.

Application Process Scientists interested in participating, please consult the ESSAC webpage <http://www.essac.ecord.org/index.php?mod=user>.

Required documents (PDF only) are: **1)** a CV **2)** a letter of interest including your specific expertise, previous involvement in DSDP/ ODP/ IODP expeditions, research interest **3)** a publication list.

Young researchers must additionally provide a letter of support from their host institution including information on the post-cruise science support: How to achieve the proposed scientific objectives in the future (funding scheme and support from host institution).

Please send a copy of your application documents to your national office/delegate in order they can help to support your application, see <http://www.essac.ecord.org/index.php?mod=about&page=ESSAC>.



For further information or questions please contact:

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