



CALL

for scientists based in Europe and Canada

Nankai Trough Seismogenic Zone Experiment - NanTroSEIZE Stage 2
IODP Expedition 333 – Inputs Coring -2 & Heat Flow
with the Chikyu drilling vessel

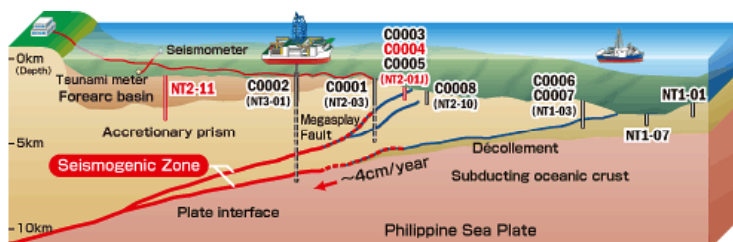
(December 13, 2010 – January 10, 2011)

DEADLINE
July 19, 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 CDEX currently plans to implement three Nankai Trough Seismogenic Zone Experiment (NanTroSEIZE) expeditions from mid 2010 to early 2011: IODP Expedition 326 (NanTroSEIZE Stage 3: Deep Riser Hole – Top Hole operation), IODP Expedition 332 NanTroSEIZE Stage 2: Riserless Observatory-2, and IODP Expedition 333 – NanTroSEIZE Stage 2: Inputs Coring & Heat flow. In this Expedition, the current plan is to collect temperature measurements from the input sites (Sites C0011 & C0012), collect core (and possible basement drilling) at Site C0011 and Site C0012, and drill an APL (IODP Proposal 738 - NanTroSLIDE).



Science Objectives *Main Expedition Plan* These plans include: HPCS/EPCS/ESCS sediment coring with downhole temperature measurements at the subduction inputs sites (C0011 and C0012), and basement coring at Site C0012.

Science Party and required expertise The Science Party will be comprised of 27 scientists (including Co-chief scientists), and will sail for approximately a one month period. Since Chikyu will remain on site during the entire Expedition, the Science Parties will embark via helicopter and disembark at the port of Shingu (BOSIET-HUET certification required). Each group will consist of Sedimentologists, Physical Property specialists, Geochemists, Micropaleontologists, 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, including expedition operation details, are liable to change at short notice, a situation which we are sure complicates your own scheduling arrangements, and raises a lot of questions on your part. We will update you regularly on the progress and status of expedition planning and in the meantime please do not hesitate to contact us with any questions you may have.

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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Tutorial: <http://www.essac.ecord.org/index.php?mod=user&page=tutorialregister>