



SPECIAL CALL FOR APPLICATIONS

for scientists based in ECORD Member Countries and experience in:
(a) sedimentology; (b) Cenozoic calcareous nannofossil biostratigraphy; and
(c) Cenozoic radiolarian biostratigraphy to participate in

IODP EXPEDITION 371: Tasman Frontier Subduction Initiation and Paleogene Climate

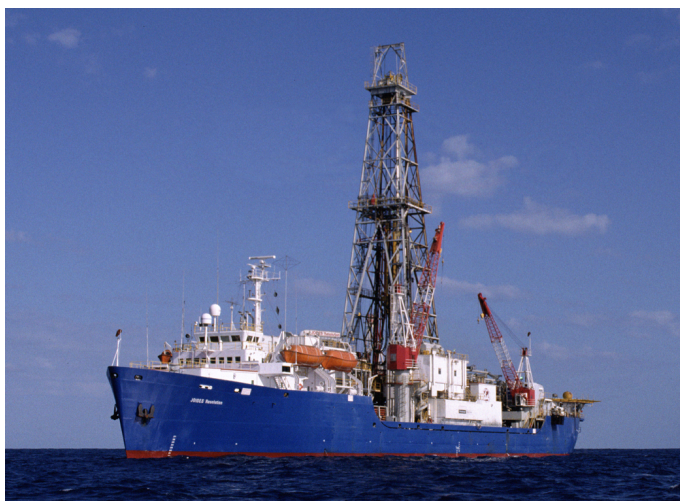
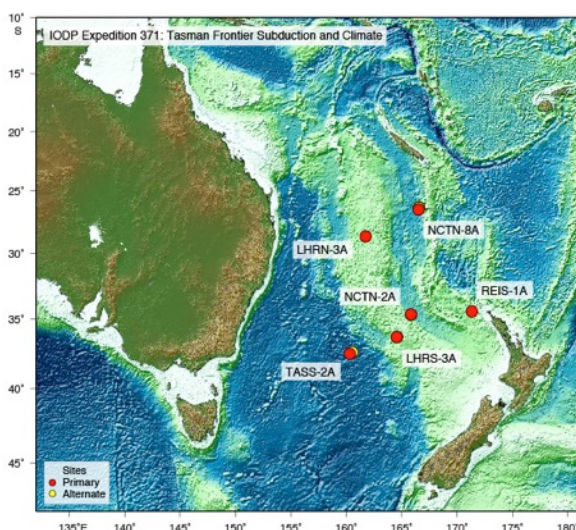
on board the *JOIDES Resolution*

DEADLINE to apply: 7 November 2016

The European Consortium for Ocean Research Drilling (ECORD) offers you the unique opportunity to sail on Expedition 371 onboard the *JOIDES Resolution* in the framework of the International Ocean Discovery Program (IODP), an international research program for drilling at sea.

Tasman Frontier Subduction Initiation and Paleogene Climate Expedition (371)

Aug-Sep 2017



The Tasman Frontier expedition (based on IODP Proposals 832-Full2 and 832-Add) will investigate the Eocene Tonga-Kermadec (TK) subduction initiation (SI) and evaluate whether a period of high-amplitude long-wavelength compression led to initiation of TK subduction or determine if alternative geodynamic models were involved. Core and log data from boreholes in the Norfolk Ridge, New Caledonia Trough, Lord Howe Rise and Tasman abyssal plain will provide constraints on seismic stratigraphic interpretations and the timing and length scale of deformation and uplift associated with the largest known global SI event and change in plate motion. The Paleogene and Neogene sediments will also constrain paleoceanographic changes caused by SI as well as tropical and polar climatic teleconnections and the transition from greenhouse to icehouse climate states in a region with large meridional variations in surface water properties in a strategic 'Southern Ocean Gateway' setting.

http://iodp.tamu.edu/scienceops/expeditions/tasman_frontier_subduction_climate.html

For more information about the *JOIDES RESOLUTION* Expedition Schedule and the expedition science objectives see <http://iodp.tamu.edu/scienceops/> - this includes links to the individual expedition web pages that provide the original IODP proposal and expedition planning information.

Special Call Expedition 371 – 10/2015



Who should apply: Opportunities exist for experienced applicants for positions as (a) **sedimentologist**; (b) **Cenozoic calcareous nannofossil biostratigrapher**; and (c) **Cenozoic radiolarian biostratigrapher**.

The Application Process is open to scientists in all ECORD member countries. Please download the *Apply to Sail* general application forms from the ESSAC webpage:

- Form Expedition 371: <http://www.ecord.org/expeditions/apply-to-sail/>
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Please, fill out all applicable fields and send it to the ESSAC office by email (essac@geomar.de) with the following additional documents until **7 November 2016**:

1. **A letter of interest** outlining your specific expertise, previous involvement in DSDP/ ODP/ IODP expeditions, research interests, primary research goals of your proposed participation.
2. **CV and publication list.**
3. **Young researchers** must additionally provide a **letter of support** from their host institution, including information on post-cruise science support.

All applications should state how you intend to achieve the proposed scientific objectives, with information on the funding scheme and support from your institution or national funding agencies. More information can be found under "Guidelines for Applying to Sail": <http://www.ecord.org/expeditions/apply-to-sail/>

In addition to the ESSAC application, all applicants must inform their national office or national delegate and send a copy of the application documents. The national offices or national delegates can also provide information regarding travel support, post-cruise funding opportunities, etc.

See <http://www.ecord.org/about-ecord/about-us/> and <http://www.ecord.org/about-ecord/management-structure/essac/> for a list of the national contact persons.

For further information or questions, please contact the ESSAC Office:

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