

SPECIAL CALL FOR APPLICATIONS

for scientists based in ECORD Member Countries and experience in
PALEOMAGNETISM

IODP EXPEDITION 369: Australia Cretaceous Climate and Tectonics

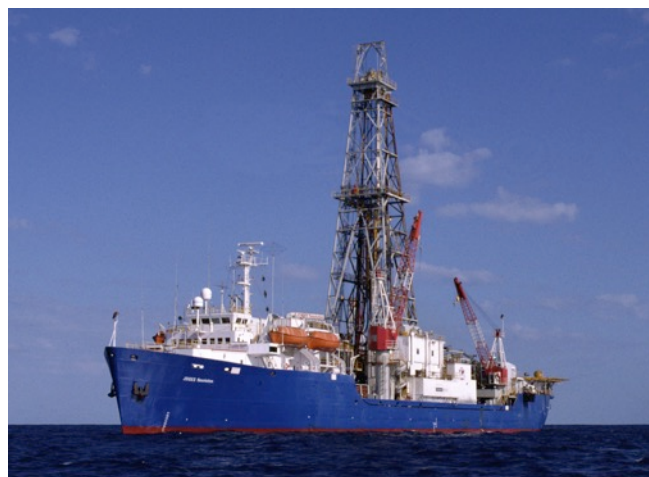
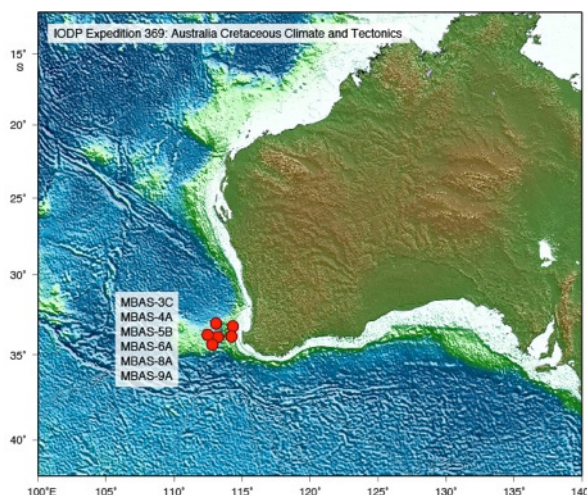
on board the *JOIDES Resolution*

DEADLINE to apply: 24 November 2016

The European Consortium for Ocean Research Drilling (ECORD) offers you the unique opportunity to sail on Expedition 369 onboard the *JOIDES Resolution* in the framework of the International Ocean Discovery Program (IODP), an international research program for drilling at sea.

Australia Cretaceous Climate and Tectonics Expedition (369)

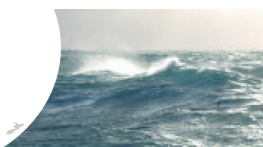
Oct-Nov 2017



The Australia Cretaceous Climate and Tectonics Expedition (based on IODP Proposal 760-Full2) aims to understand the paleoceanography and tectonics of the Naturaliste Plateau (NP) and Mentelle Basin (MB) off SW Australia. Core and log data from a series of sites in water depths between 850 and 3900 m will investigate: (1) The rise and collapse of the Cretaceous hothouse; (2) the controls on oceanic anoxic events during major carbon cycle perturbations; (3) Cretaceous paleoceanography including deep and intermediate water circulation; (4) Cenozoic to recent paleoceanography including influence of the Tasman gateway opening and Indonesian gateway restriction; and (5) the tectonic, volcanic, and depositional history of the NP and MB prior to Gondwana breakup, as well as after separation from India and subsequently Antarctica.

http://iodp.tamu.edu/scienceops/expeditions/australia_climate_tectonics.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.



Who should apply: the special call is for paleomagnetists only!

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

- Form Expedition 369: <http://www.ecord.org/expeditions/apply-to-sail/>

Please, fill out all applicable fields and send it to the ESSAC office by email (essac@geomar.de) with the following additional documents until **24 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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