

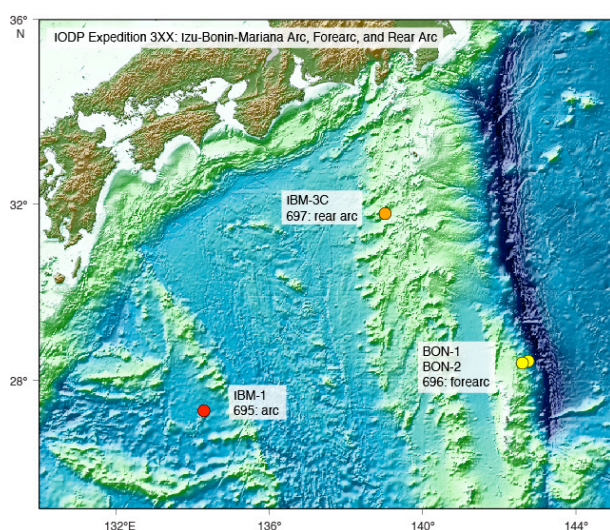


## CALL

### For scientists based in Europe and Canada **350 IODP Expedition Izu Bonin Mariana: Reararc** (April – May 2014)

**DEADLINE 1 May, 2013**

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.



Based on IODP Proposal 697-Full3, this expedition aims to understand crustal genesis and mantle evolution of the Izu-Bonin-Mariana (IBM) rear arc system by examining sediments and crust in the Philippine Sea. The primary objective is to obtain a temporal history of across-arc variation in magma composition during five main intervals of arc evolution.

**Goals:** Three main hypotheses will be tested: (1) geochemically asymmetric crust in the rear arc is either a fundamental trait or a secondary trait that develops during back-arc spreading; (2) non-steady state events, such as rifting, play a major role in the evolution of arc crust; and (3) the origin of the Izu rear arc seamount chains is related to mantle convection patterns.

**More information:** The expedition schedule is available at <http://iodp.tamu.edu/scienceops/>. The expedition web page at [http://iodp.tamu.edu/scienceops/expeditions/izu\\_bonin\\_reararc.html](http://iodp.tamu.edu/scienceops/expeditions/izu_bonin_reararc.html) provides the original IODP proposals and expedition planning information.

**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; and **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). In addition to the ESSAC application, 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:**



**ESSAC Office** ECORD Science Support & Advisory Committee

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