



C A L L

For scientists based in ECORD Member Countries

ARABIAN SEA MONSOON 355 IODP EXPEDITION

(31 MARCH – 31 MAY 2015)

DEADLINE to apply: 8 MAY, 2014

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

The Arabian Sea Monsoon Expedition (based on IODP Proposal 793-CPP2) aims to understand the interaction between the Himalayas and Tibetan plateau uplift and the development and evolution of the Indian summer monsoon. Four sites in the eastern Arabian Sea will target sediments of the Indus submarine fan to better understand the co-evolution of mountain building, weathering and erosion, and climate across multiple time scales.

Goals: The scientific objectives are to (1) test whether Greater Himalayan exhumation is correlated with proposed monsoon intensification after 23 Ma; (2) determine if the monsoon strengthened or weakened at 8 Ma; (3) constrain the timing of the Himalayas and Tibetan plateau uplift by dating the initiation of fan sedimentation; and (4) decipher the nature of the basement in the Laxmi Basin (eastern Arabian Sea) to constrain the early rifting process and its relation to the emplacement of the Deccan Flood Basalts along the western continental margin of India

More information: The expedition schedule is available at <http://iodp.tamu.edu/scienceops/>. The expedition web page at http://iodp.tamu.edu/scienceops/expeditions/arabian_sea.html provides the original IODP proposals and expedition planning information.

Application Process Scientists interested in participating, please register and submit your application through 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. The application should include how the candidate intends to achieve the proposed scientific objectives, with information on the 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, see <http://www.essac.ecord.org/index.php?mod=about&page=ESSAC>.

For further information or questions please contact:



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