National Centre for Antarctic & Ocean Research

(Ministry of Earth Sciences, Govt. of India)

Headland Sada, Vasco-da-Gama, Goa - 403 804.

Invites Nominations from Scientists/Researchers for forthcoming IODP expeditions

The Director, National Centre for Antarctic & Ocean Research (NCAOR), on behalf of IODP- India invites nominations in a prescribed format along with detailed biodata and research/professional experience, from geoscientists/researchers working in established national institutions/organisations and universities, to participate in the forthcoming Integrated Ocean Drilling Program (IODP) expedition 346 (**Asian Monsoon)**. NCAOR will provide the requisite financial support to the selected candidates towards their participation in the said expedition. However, it will be the responsibility of the candidates to obtain the necessary Visas/permissions from the countries of embarkation and disembarkation on their own. A scientific plan is mandatory for a successful nomination. Once nominated, candidates will have to submit a detailed science plan along with sample data request which may also form a basis for collaborative research programs between their host organization and NCAOR. The post cruise scientific plans if any shall be considered on the merit of the scientific proposal.

Further details including last date of nominations can be obtained at www.ncaor.gov.in or by email to iodp.india@ncaor.org

Advt No. NCAOR/34/12

Complete nominations may kindly be emailed to iodp.india@ncaor.org

Information on forthcoming IODP Expeditions:

The objective of this expedition (based on IODP Proposals 605-Full2, 605-Add, 605-Add2, and 605-Add3) is to core and log sites on a latitudinal transect in the Japan Sea, and one site in the northern East China Sea, to test the hypothesis that Pliocene-Pleistocene uplift of the Himalayan and Tibetan Plateau and the consequent emergence of the two discrete modes of westerly jet circulation caused the amplification of millennial scale variability of the Asian monsoon and tele-connection mechanism with Dansgaard-Oeschger Cycles.

Scientific objectives will (1) address the timing of the onset of orbital and millennial scale variability of the East Asian Monsoon, (2) reconstruct orbital and millennial scale paleoceanographic changes in the Japan Sea during at least the last 5 m.y., (3) reconstruct the ventilation history of the Japan Sea, and its relation with the nature of the influx through the Tsushima Strait and/or the intensity of winter cooling; and (4) monitor the history of the Yangtze River discharge in the northern end of the East China Sea as it reflects variation and evolution in East Asian summer monsoon.

Important Notes:

1) For more information on the above expeditions please visit www.iodp.org/expeditions and use the link iodp.tamu.edu/scienceops/

2) Applications in **prescribed format** (available on the website www.ncaor.gov.in) shall only be considered.

3) Last Date by Which NCAOR receives nomination: **20-09-2012**

4) A scientific plan is mandatory for a successful nomination. Once nominated, candidates will have to submit a detailed science plan along with sample data request which may also form a basis for collaborative research programs between their host organization and NCAOR.