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 bio-data and research/professional experience, from geoscientists/researchers working in established national institutions/organizations and universities, to participate in the forthcoming Integrated Ocean Discovery Program (IODP) expedition 362 (Sumatra Seismogenic Zone). 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.

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

For and on behalf of NCAOR
Program Officer (IODP-India

Complete nominations may kindly be emailed through proper channel to iodp.india@ncaor.gov.in

Information on forthcoming IODP Expeditions:

Exp. 362: Sumatra Seismogenic Zone Expedition : August to September 2016

Based on IODP Proposal 837-Full & 837-Add, the goal of this expedition is to establish the initial and evolving properties of the North Sumatran incoming sediments and (2) their potential effect on seismogenesis , tsunamigenesis, and forearc development for comparison with global examples. The 2004 Mw 9.2 earthquake and tsunami that struck North Sumatra and the Andaman-Nicobar islands devastated coastal communities around the Indian Ocean. This earthquake showed unexpectedly shallow megathrust slip that was focused beneath the accretionary prism including the distinctive prism plateau offshore North Sumatra. This intriguing seismogenic behavior and forearc structure are not well explained by existing models and by relationships observed at margins where seismogenic slip typically occurs further landward. The correspondence between the 2004 rupture location and the overlying prism plateau, and section suggests that the input materials are key to driving this distinctive slip behavior and long term forearc structure.

Important Notes:

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

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

3. Last date by which NCAOR receives nominations **30th April, 2015**.

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.