



India-EU workshop II Monsoon and ocean variability, climate change and sea level variations

11th to 13th Nov. 2013
Bolgatty Palace & Island Resort
Kochi, India

Nansen Environmental Research Centre India (NERCI) is organising a workshop as part of the Indo-European Research Facilities for studies on marine ecosystems and climate in India (INDO-MARECLIM), Project of European Union FP-7, to discuss the current status of scientific work on monsoon and ocean variability in the context of global warming and climate change and to explore possibilities for collaboration in the future. INDO-MARECLIM aims at facilitating and improving the co-operation between the European Union Member States and Associated Countries and India and currently includes partners from UK, France, Italy, the Netherlands and Norway, involved in research topics of relevance to India. The strategy of INDO-MARECLIM is to organize and host workshops and winter school inviting European and Indian scientists, post-docs and PhDs.

Enrolment limited to 35 participants.

For registration see the project website <http://www.indomareclim-nerci.in>

Application deadline : 30th July 2013.

Course convenors:

Prof. P V Joseph, Convenor
NERCI, India

Dr. Annalisa Cherchi, Co-convenor
CMCC, Italy

Broad topics of workshop

- Monsoon variability
- Rapid Warming of Indian Ocean and tele-connections
- Sea level changes in the Indian Ocean.

Against the backdrop of rising global temperature, the stability of the monsoon rainfall and associated circulation remains a challenge to the scientific community. The aim of the workshop is to discuss different aspects viz.; the role of upwelling in the development and intra-seasonal fluctuations of the cold pool of Bay of Bengal, application of suitable ocean models for the studies of coastal upwelling, understanding the causes for the rapid warming of the equatorial Indian Ocean, its influence on the Indian summer monsoon season and its global tele-connections, integrated land-sea effects on monsoon variability, role of the Indian Ocean on the Indian summer monsoon variability and establishing research groups to assess sea level variations employing satellite radar altimeter data and historic in situ data at vulnerable coastal stations.

Organised by:

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