



Physical Research Laboratory

Tuesday Seminar

Modelling the physical and biogeochemical interactions of the north Indian Ocean

Abstract

The Indian subcontinent divides the north Indian Ocean (IO) into two smaller basins, Arabian Sea (AS) in the west and Bay of Bengal (BoB) in the east. Owing to the close proximity of the equatorial IO, the circulation in the BoB and AS is not only driven by the local winds, but also largely influenced by forcing from the equatorial Indian Ocean. In this talk, I will discuss various equatorial processes that primarily drive the circulation in the bay and East India Coastal current (EICC) in particular. I will also show results from a biogeochemical model based on Modular Ocean Model (MOM) to explain some of the key bio-physical interactions in the north Indian Ocean.

**Speaker: Dr. Abhisek Chatterjee
Scientist
INCOIS, Hyderabad**

Date	Time	Venue
04-July-2017	16:00 hrs	Ground Floor Lecture Hall

**All are invited to attend and participate in discussion
Tea at 15:30 hrs**

A .K. Sudheer, Geosciences Division