

Title: Interdisciplinary Studies in the Arabian Sea and Bay of Bengal.

Abstract: This ongoing international collaboration with Dr. Prasanna Kumar, National Institute of Oceanography, Goa, India and Dr. Ajoy Kumar, Millersville University, USA uses in situ data and satellite derived sea surface temperature (SST) and chlorophyll to study oceanic processes in these regions.

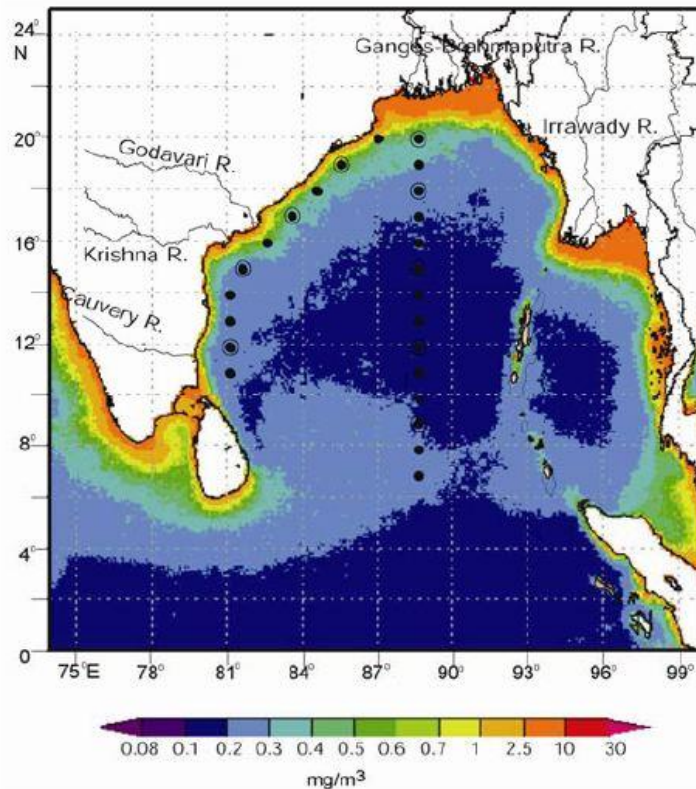


Figure 1. Location of CTD (filled circle) and biological (small open circle) stations occupied along the central and western boundary of the Bay of Bengal during summer monsoon (6 July to 2 August 2001), fall (14 September to 12 October 2002), and spring (12 April to 7 May 2003) intermonsoons overlain on annual mean climatology (1998–2006) of chlorophyll pigment concentration (mg/m³) obtained from SeaWiFS. Chlorophyll pigment concentration map was generated by NASA's Giovanni (giovanni.gsfc.nasa.gov).