

Publications

Journal Articles

Under Review

- Does Indian Ocean Dipole influence Antarctic Sea-ice?, *M. Nuncio & X. Yuan*, Journal of Climate
- Antarctic Precipitation and Indian Ocean Dipole : Possible links *M. Nuncio & K. Satheesan*, Climate Dynamics

Accepted

- Role of physical processes on the chlorophyll distribution in the Western Tropical Indian Ocean, *Jenson. V. George, M. Nuncio, Racheal Chacko, N. Anilkumar, Sharon B. Noronha, Shramik Patil, Sini Pavitrnan, Denny P. Alappattu, K.P. Krishnan, C.T.Achutankutty* , Journal of Marine Systems.

Published

- Tracer-tracer relation in the Arctic stratosphere using fuzzy logic, 2012, *K.Satheesan*, Tellus – B, <http://www.tellusb.net/index.php/tellusb/article/view/17164/html>.
- Life cycle of eddies and their implications along the western boundary of the Bay of Bengal, 2011, *M.Nuncio & S. Prasanna Kumar*, Journal of Marine Systems. <http://dx.doi.org/10.1016/j.jmarsys.2011.10.002>
- Role of Westerlies and Thermohaline Characteristics on Sea-Ice Extent in the Indian Ocean Sector of Antarctica, 2011, *M.Nuncio & Alvarinho J Luis*, Journal of Geological Society of India, 78, 211-216.
- Topographic meandering of Antarctic circumpolar current and Antarctic circumpolar wave in the ice–ocean–atmosphere system, 2011, *M.Nuncio, Alvarinho J Luis & Xiaojun Yuan*, Geophysical Research Letters, 38, L13708, doi:10.1029/2011GL046898. <http://www.agu.org/journals/gl/g11113/2011GL046898/>
- Seasonal cycle of the physical forcing and biological response in the Bay of Bengal, 2010, *S. Prasanna Kumar, M. Nuncio, Jayu Narvekar, N. Ramaiah, S. Sardesai, M. Gauns, Veronica Fernandes, J.T.Paul, R. Jyothibabu, K.A.Jayaraj*, Indian Journal of marine sciences, 39, 388-405. <http://nopr.niscair.res.in/handle/123456789/10675>
- Is the biological productivity in the Bay of Bengal light limited?, 2010, *S. Prasanna Kumar, Jayu Narvekar, N. Ramaiah, S. Sardesai, Mangesh Gauns, V. Fernandes, Jane Paul*, Current Science, 98(10), 1331-1339. http://www.currentscience.ac.in/Downloads/download_pdf.php?titleid=id_098_10_1331_1339_0
- What Drives the Biological Productivity of the Northern Indian Ocean? 2009, *S. Prasanna Kumar, Jayu Narvekar, M. Nuncio, M. Gauns, and S. Sardesai*, American Geophysical Union, Monographs.

Recent Proceedings

- “ High frequency variability of the subtropical front” *PORSEC 2012*
- “Teleconnections from tropics- Does IOD have a role in sea-ice distribution of Antarctica?” *SCAR OSC-July,2012*
- “ Does Ocean Topography Influence the Antarctic Circumpolar Wave?” *AMS meeting on Polar Meteorology and Oceanography, Boston, 2-5 May, 2011*
- “Role of Westerlies and Thermohaline Structure on Sea-ice in Antarctica” *SCAR conference at OSLO, Norway, June 2010.*
- “Trends in Antarctic Sea-ice, Role of ocean”. at *National conference on Climate change,at Goa, India, 22-23 October, 2009.*