
Dr. M. Ravichandran

Dr. M. Ravichandran is the Director of National Centre for Polar and Ocean Research (NCPOR). His work involves to manage the organisation by overseeing the execution and implementation of Polar Science activities of India and scientific geo-exploration of no-living resources and survey. He has also served as Head, Modelling and Ocean observation Group and Deputy Project Director of Indian Argo project at Indian National Centre for Ocean Information Services (INCOIS). He has designed and coordinated ocean observation systems such as drifting buoys, current meter arrays, ADCP moorings, XBT's implemented through NIO, Goa. He has implemented Ocean Data assimilation and modelling for operational services. He has analysed the data of ocean and atmospheric variables to understand dynamics and thermodynamics of the Indian ocean for different temporal scales. He is involved in validation of ocean models and satellite derived ocean parameters. He served as Senior Project Engineer for National Data Buoy Programme at National Institute of Ocean technology (NIOT) and was involved in project formulation and implementation of National Data Buoy Moored buoy programme. He also carried out data management and quality control of Moored Buoy data, incorporation of additional sensors, deployment/retrieval/servicing of data buoys. At Indian Institute of tropical Meteorology he has worked on development of instruments for cloud electrification studies, study on lightning location systems, analysis of atmospheric data to understand global electric circuit and fundamental research on atmospheric electricity. He is the member of several international committee/bodies such as Vice-President, SCAR of International Science Council (Capacity Building) (2018-present),- Council Member, International Arctic Science committee (IASC) (2016-present), - Alternate Delegate-India, Scientific Committee on Antarctic Research (SCAR) (2016-Present), - Indian Rep: Council of Managers of National Antarctic Programs (2016 to present)- Alternate Delegate-India, Antarctic Treaty System (2016-Present)

- Co-Chair, Indian Ocean Panel of GOOS/CLIVAR, Climate Research program of WCRP(2012-2016)- Member, International Argo Steering Team & Regional Argo Co-ordinator for the IndianOcean (2005 to 2017)- Member, SIBER (Sustained Indian Ocean Biogeochemical and Ecological Research)Scientific Steering Committee (2010- 2017)- Ocean Expert: WMO/IOC capacity building.He is the editor of Pure and Applied Geophysics (atmospheric and ocean sciences)from 2015 to present. He has around 114 publications and have authored books and atlas.

In recognition to his outstanding contributions in the field of Ocean Science, Ministry of Earth Sciences (MoES) honours Dr.M. Ravichandarnwith the “National Award in the field of Ocean Science” for the year 2020.