

## **BRIEF CV OF DR. SHAILESH NAYAK**

Dr. Shailesh Nayak has been Secretary, Ministry of Earth Sciences since August 2008. He has been providing leadership for the programs related to science of climate change, weather services, polar science, ocean modeling, ocean survey, resources and technology.

He has obtained Ph. D. degree in Geology from the M.S University of Baroda in 1980. He joined the Space applications Centre in 1978 as a scientist and was elevated as the Director of Marine and Water Resources. He was mainly responsible for in conceptualizing, formulating and executing many national level projects related to application of satellite data on ocean colour, integrated coastal zone management, snow and glacier studies and water resources.

He was appointed as a Director, Indian National Centre for Ocean Information Services (INCOIS), an autonomous institution under the Ministry of Earth Sciences, Hyderabad in May 2006. At INCOIS, he set up state-of-the-art Early Warning System for Tsunami and Storm Surges in the Indian Ocean. He was responsible for the conceptualization and development of Marine GIS. He made outstanding contributions in improving advisory services related to potential fishing zones, ocean state forecast and Indian Argo project.

He is the Chairman of the Research Advisory Committee of the National Institute of Oceanography, Goa and Centre for Earth Science Studies, Thiruvananthapuram. He has been member of many national committees related to earth science, coastal protection, mangrove and coral reef and coastal zone management formulated by the Ministry of Science and Technology, Ministry of Water Resources and Ministry of Environment and Forests, Govt. of India, respectively.

He has been recipient of the National Mineral Award for the year 2005. He was awarded the Indian National Remote Sensing Award for the year 1994 by the Indian Society of Remote Sensing, Dehradun. He is recognized as Ph.D. Guide by six universities and five students have obtained Ph. D. under his supervision. He was Member of the editorial board of the Indian Journal of Marine Science and currently chair of Planet Earth and a editor of Geospatial Today.

He is President, Indian Society of Remote Sensing, Dehradun. He is elected as the Chairman, Indian Ocean–Global Ocean Observing System (IO-GOOS) for the term 2008-10. He is Vice-Chair of the Inter-Governmental Coordinating Group on Indian Ocean Tsunami Warning System (ICG-IOTWS). He was President, International Society of Photogrammetry and Remote Sensing (ISPRS), Technical Commission (TC) IV on 'Geo-databases and Digital Mapping' for the term 2004-08. He has represented ISRO at the International Ocean Colour Coordinating Group and International Global Observation Strategy-Coastal theme.

He has published about 80 papers in International and National journals and atlases.