

## Dr. Uma Sankar Panda



Dr. Uma Sankar Panda has obtained his MSc (Oceanography), MPhil (Physical Oceanography) and PhD in Marine Sciences from Department of Marine Sciences, Berhampur University, Odisha. He joined Integrated Coastal and Marine Area Management-Project Directorate (ICMAM-PD) in July, 2009.

Dr. Panda has significantly contributed in ecosystem modelling of Chilika lagoon by setting up a coupled hydro-ecological model. The model serves as a potential tool for understanding the complex lagoonal processes to develop strategies for water quality management. He was also involved in ecosystem modelling for Sundarbans and Kochi backwaters. He was actively involved in formulation of shoreline management plan Gopalpur coast, Odisha and studied coastal circulation, wave transformation and sediment transport through numerical modelling and field investigations. At present, Dr. Panda is associated with water quality modelling for Chennai coast. His expertise in statistical analysis and numerical modelling of coastal environmental problems and ability to endure harsh field conditions proves him a good oceanographer and team leader.

Dr. Uma Sankar Panda is presently working as a Scientist-D in Integrated Coastal and Marine Area Management-Project Directorate, Chennai.

Dr. Uma Sankar Panda is awarded Certificate of Merit for his outstanding contributions in the prediction of pollutants in the coastal waters of Chennai programme.