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## Dr. Babula Jena



Dr. Babula Jena, Scientist 'E' at the National Centre for Polar and Ocean Research, Ministry of Earth Sciences obtained his Ph.D in Marine Science with remote sensing specialisation from Berhampur University. He took a lead role in undertaking scientific works on satellite remote sensing applications for advance understanding the variability of Antarctic sea-ice and phytoplankton bloom in the Southern Ocean, under the warming climate.

He has contributed to various national and international programmes such as the Southern Ocean Program/Antarctic expedition, mapping of the Indian EEZ, and Hydrothermal mineralization studies in the Central-Indian-Ridge & Southwest-Indian-Ridge. He has studied the potential application of satellite altimetry and multibeam swath bathymetric survey for identification, mapping and interpretation of various geomorphic features. Dr. Jena has taken a lead role as a Chief Scientist in various scientific expeditions.

Dr. Jena has more than thirty scientific publications in peer-reviewed international and national journals, and published several articles in conferences and seminars. He is the Associate Editor and Guest Editor for the journals like Deep-Sea Research-II (Elsevier), Remote Sensing in Earth System Sciences (Springer), and Journal of Water Resources and Ocean Science.

Dr. Babula Jena is awarded Certificate of Merit for his outstanding contribution in the field of Polar Sciences.