



Dr. Parthasarathi Chakraborty

Dr. Sudarshan Pani - Dr. Rama Dwivedy Medal

Dr. Parthasarathi Chakraborty, Senior Scientist in the Geological Oceanography Division at the CSIR-National Institute of Oceanography, India, is an environmental geochemist. Dr. Chakraborty obtained his Masters from the University of North Bengal, Darjeeling and completed his M-Tech from the Cochin University of Science of Technology, Kerala. He received his Ph.D. degree from Carleton University, Canada.

Dr. Chakraborty's research focuses is in the field of Environmental geochemistry in Marine environment. Trace/heavy metals control primary productivity in up to half of the open ocean, from tropical to Polar Regions. Dr. Chakraborty is keen to know about the composition, source, and provenance of metal binding ligands and their interaction with metals in the marine system, which is hindering further advances in the field of biogeochemistry in the ocean. His research improves our understanding of metal speciation and bioavailability in different marine environments. He uses metal speciation study as a tool to understand different geochemical processes in marine systems. Dr. Chakraborty's research also tries to find out the mechanistic linkage between trace/heavy metals speciation, bioavailability and their impacts on different organisms in marine systems.

He is the recipient of NATIONAL GEOSCIENCE AWARD-2013 (Ministry of Mines, Govt of India), KRISHNAN MEDAL -2015 (Indian Geophysical Union) and Kharaka Award-2017 (International Association of Geochemistry, USA) for his significant contributions to the field of Environmental Geochemistry. His international recognition includes serving as an associate member of Scientific Committees (SCOR-WG139 AND WG-145), Associate Editor of Marine Pollution Bulletin Journal and visiting Scientist/Professor to different foreign Universities.