
Dr.Nuncio Murukesh



Dr. Nuncio Murukesh joined National Centre for Antarctic and Ocean Research (NCAOR) in January 2008 after completing his Ph.D. in Marine science from Goa University. He started his polar research career by studying the variability in sea – ice of Antarctica, one of the least understood components of Ocean Atmosphere Ice system. He contributed to the understanding of southern Ocean Sea – ice zone processes on interannual time scales.

He also contributed to the science of tropical polar teleconnections by addressing whether or not tropical Indian Ocean SST variability influences Antarctic sea – ice, precipitation and temperature by delineating specific mechanisms. In the following years he expanded his activities to encompass a wide range of polar climatic processes and played an active role in establishing a state of the art atmospheric laboratory in Ny Alesund, Arctic. At present he is involved in understanding polar climatic processes through observations and coupled Ocean - Atmosphere sea ice modelling and exploring the two way links between tropics and the Polar Regions. For scientific observations he regularly undertakes expeditions to Polar Regions and high latitude oceans. He also maintains the Atmospheric laboratory in Ny Alesund Arctic and currently he is in-charge of the group “Ocean Atmospheric Interaction” at NCAOR. Apart from his scientific ventures he is happy to communicate science through various outreach activities by the Institute.

Dr. Nuncio Murukesh is awarded the Certificate of Merit for this outstanding contribution in the field of Polar Science and Technology