



## Dr. Karri Ramu



Dr. Karri Ramu completed his post-graduation in Fisheries Science from the Central Marine Fisheries Research Institute, Kochi, in 1997. He started his research career as a Biological Oceanographer at National Institute of Oceanography, Kochi, where he worked as a Researcher from 1998 to 2001. As a recipient of Japanese Government Fellowship, he obtained his PhD in Environmental Sciences from the Center for Marine Environmental Studies, Ehime University, Japan, in 2007. He continued working at Ehime University as a Post Doctoral Fellow of the Japanese Society for Promotion of Science until 2009. His research at Ehime University was focused on the distribution and fate of anthropogenic contaminants in the marine environment. From 2009 to 2013, he worked as a Scientist at the International Crops Research Institute for the Semi-Arid Tropics, Hyderabad, where the area of his research was on the quantification of nitrous oxide fluxes from agricultural soils.

Dr. Karri Ramu joined Integrated Coastal and Marine Area Management-Project Directorate (ICMAM-PD) in June 2013 and is presently working as Scientist-D. He is currently working with an interdisciplinary program on "Ecosystem Modeling for South West Coastal Waters of India" with an objective to understand ecological functioning and to develop a mathematical model for water quality and ecosystem management. His research aims at understanding the biogeochemistry of carbon and nitrogen dynamics along the coastal waters and estuaries. Under this program he has developed coefficients related to plankton metabolic activities to be used as inputs for the ecosystem model of the coastal waters of Kochi and established strong baseline data for the biogeochemical parameters for the model validation.

He has authored around 30 scientific publications in peer-reviewed scientific journals. He serves as a reviewer for the scientific journals Chemosphere, Marine Pollution Bulletin and Environmental Geochemistry and Health.

Dr. Karri Ramu is awarded with Certificate of merit for his outstanding contributions in the field of Ocean Science.