

## Dr. S. R. Marigoudar



Dr.S.R. Marigoudar completed his post-graduation in Marine Biology from the Karnataka University, Dharwad in 2006. His research at Karnataka University focused on aquatic toxicology, mechanistically to understand the fate and effect of parathyroid pesticides on fish physiology, pathology and biochemical changes. His contributions were referred in United States Environmental Protection Agency (USEPA) and the Central Valley Regional Water Quality Control Board, California.

Dr. S.R. Marigoudar joined the Integrated Coastal and Marine Area Management-Project Directorate (ICMAM-PD) in November 2013 as Scientist-C. He is currently working in the Marine Ecotoxicology programme with an objective to derive the sea water quality criteria for the protection of marine organisms from metals and organic contaminants. He has carried out field studies, laboratory analysis, and evaluation of results in two major work components namely (a) Bioaccumulation and ecological risk assessment of metals in Ennore creek, Chennai (b) Derivation of seawater quality criteria for metals and pesticides. He has derived safe limits in terms of numerical sea water quality criterion for two metals viz., nickel, selenium and pesticide chlorpyrifos through bioassay experiments on marine organisms. A report on sea water quality criteria for metals and pesticide has been submitted to Ministry of Environment and Forest & Climate Change (MOEF & CC) for consideration of gazette notification of standards.

He has contributed 16 scientific publications in peer-reviewed scientific journals. He served as a invited reviewer for the scientific journals like, Toxicology Research (Royal Society of Chemistry), 3D Biotechnology, Environmental Science and Pollution Research (Springer), Chemistry and Ecology, Environmental Technology (Taylor and Francis). He also serves as technical editorial board member of Journal of Pharmacology & Toxicology, and Journal of Biological Sciences published by ScienceAlert.

Dr. S. R. Marigoudar is awarded with the Certificate of merit for his outstanding contributions in the field of Ocean Science and Technology.