

Dr.S.R.Marigoudar

Scientist-D

National Centre for Coastal Research (NCCR)

Ministry of Earth Sciences, Government of India



EDUCATIONAL QUALIFICATIONS

Ph.D. (Zoology) – Dec, 2012 – Cypermethrin Induced Pathophysiological and Some Biochemical Changes in the Teleost, *Labeo rohita* - Karnataka University, Dharwad

M.Sc (Marine Biology) – June, 2006 – Department of Studies in Marine Biology, Karnatak University Post Graduate Centre, Kodibag, Karwar, Karnataka

EMPLOYMENT RECORDS

1. **Scientist D**, National Centre for Coastal Research (NCCR), Ministry of Earth Sciences, Government of India
2. **Scientist-C**, National Centre for Coastal Research (NCCR), Ministry of Earth Sciences, Government of India, 2013 – 2018
3. **Teaching Assistant**, Department of Zoology, Industrial Fish and Fisheries, Karnataka Science College, Dharwad, 2012-2013
4. **UGC DRS SAP-III Project Fellow**, Department of Zoology, Karnatak University, Dharwad, 2008-2012
5. **Guest Faculty**, Department of Zoology, Industrial Fish and Fisheries, Karnataka Science College, Dharwad, 2007-2008

MAJOR PROGRAMS & ACHIEVEMENTS

- Implementation of Marine Ecotoxicology and Ecological Risk Assessment (MEERA) Program and Monitoring of few transects of Sea Water Quality Monitoring (SWQM) program.
- Draft notification by MoEF&CC amending the primary water quality standards for SW-III & SW-V coastal waters based on the detailed reports submitted by NCCR.
- Derived and prescribed Sea Water Quality Criteria (SWQC) in the form of 'Safe limits' for the metals (Cu, Cr, Zn, Pb, Hg, Cd, As, Ni, Se) and organics for designated coastal waters.
- Derivation of toxicity values for metals like Cu, Cr, Zn, Pb, Hg, Cd, As, Ni, Se and pesticide like Monocrotophos and chlorpyrifos based on toxicity bioassay experiments on marine organisms by customizing continuous flow through system.
- Monitoring of Ennore, Uppanar, Vellar and Cochin estuary for derivation of environmental quality indices for assessing the extent damage due to contaminants.
- Ecological risk assessment through microcosm and mesocosm experiments in Ennore estuary and Palk Bay (reference site)
- Development of methods, standardization of experiments, measurement of PAHs, optimization of plankton cultures and assays.
- Enhancement of the laboratory facilities with sophisticated instruments.

AWARDS

Certificate of Merit for Scientist in Ocean Science & Technology from Ministry of Earth Sciences, Government of India for the Year 2017.

PUBLICATIONS

- 20 publications in national and international scientific journals of repute.
- 20+ publications in national and International proceedings.
- Technical reports(4 No), SOP(1 No), and annual reports (5 No)
- Delivered several lectures on Marine Ecotoxicology in workshops/ Training
- Editorial board member (3 No) and Reviewer (6 No) for scientific journals
- Citations : 263; h-Index :8; i10 Index : 8 (Since 2013)