

Dr. S. R. Somashekara



Department

Fisheries Economics, Statistics and Extension

Designation and address

Professor and Head

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Qualifications

M.F.Sc, Ph.D.

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Fields(s) of specialization

1. Anatomy of finfish and shellfish
2. Inland fisheries

Current Projects

Project title	Role in the project	Fund outlay	Funding agency
Developed technology for fish culture in water harvesting structures in watersheds funded by Karnataka	CoPI	2018-19-11.15L	Karnataka Watershed Development

Watershed Development Department under Sujala III –Davanagere District			Department under Sujala III – Davanagere District
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Completed Projects

Project title	Role in the project	Fund outlay	Funding agency

Research programmes

1. To develop a scientific approach for In-situ validation and demonstration of potential fishing zones (PFZ) of Mangalore coast.
2. Cataloguing of biodiversity of finfish and shellfish of rivers and tanks of Dakshina Kannada and Udupi districts for their conservation and sustainable utilization.
3. Influence of Oceanographic Parameters on Plankton Assemblage and Pelagic Fisheries using Satellite data along the Coast of Dakshina Kannada and Udupi Districts of Karnataka.
4. Reproductive biology of Pearls spot, *Etroplus suratensis*, from Mulky estuary and estimation of chemical composition of muscle during different maturity stages.
5. Determination of the conservation values of the mangroves of Karnataka
6. Developed technology for fish culture in water harvesting structures in watersheds funded by Karnataka Watershed Development Department under Sujala III –Davanagere District
7. River Front/Beach Cleaning under National Green Corps (NGC) Programme of Ministry funded by Ministry of Environment, Forest & Climate Change, New Delhi.
8. Development of Marine Resources Information System
9. Promoting web based services to provide information on coastal climate and resources
10. Research on regional level predictions of likely impact on climate change on coastal fisheries and ecosystem

Recent Research Publications

1. Jitendra Kumar, Benakappa, S., Dineshbabu, A.P., Anjanayappa, H.N., Somashekara, S.R., Naik A.S.K., Mahesh, V. (2015). Marine ichthyofaunal biodiversity in the trawling grounds off Mangalore coast, *Indian Journal of Marine Sciences*, 46(6): June 2015

2. Ramya V. C., S. Benakappa, Anjanayappa, H. N., Jayaraj, E. G., Somashekara S. R. and Mahesh V. (2016) Reproductive biology of *Nematalosanus* (bloch, 1795) off Mangalore coast, Karnataka. *J. Exp. Zool. India*, 19(1): 313-319.
3. Rajanna K B , Anjaneyappa H N, Benakappa S, Chethan N, Reddy H R V, Somashekar, Prabhudeva K N, Basavaraju Y and Muttappa K (2015) Food and feeding habits of fringe lipped carp, *Labeofimbriatus* (bloch) of the Vanivilassagar reservoir of Karnataka. *International Journal of Recent Scientific Research*, 6(4):3431-3434.
4. Reddy, H.R.V., Gowda, G., Somashekar, S.R., Sushanth, V.R., Adiga M.S. and Durgekar, R.N (2015) Phytosociological analysis of mangrove vegetation in Netravathi-Gurupura and Mulki-Pavanje Estuarine complexes of Dakshina Kannada, Karnataka. *International Journal of Science and Nature*, 6 (3): 353-361
5. Jitendra Kumar, S. Benakappa, GangadharaGowda, HarshaNayak, Lakshmipathi M.T., Shivakumar M., H. N. Anjanayappa, S. R. Somashekara, A.T. RamachandraNaik and Kumar Naik, A.S.. (2016) Seasonal variations of oceanographic conditions and their influence on pelagic fisheries off Mangalore coast, Karnataka. *J. Exp. Zool. India*, 19(2).