

# Dr. Sileesh M S

*Marine Biologist, Biostatistician, Science Writer, programmer, Trainer and Teacher.*

## EXPERIENCE

June 2026 - Currently working

**SREE NARAYANA COLLEGE NATTIKA**, Thrissur, India  
Faculty in the Department of Zoology

August 2022 - March 2026

**St. Alberts College (Autonomous)**, Kochi, India  
Faculty in the Department of Zoology

July 2013 - March 2022

**Kerala University of Fisheries and Ocean Studies**,  
Kochi, India — *Senior Research Fellow*

*My expertise lies in the taxonomy, diversity modeling, and fishery biology, honed through extensive experience in cruise surveys. I excel at the taxonomic identification of deep-sea fishes, analyzing their feeding habits, and unraveling key population parameters.*

## EDUCATION

**Kerala University of Fisheries and Ocean Studies**, Kochi.

*Doctor of Philosophy*

October 2015 - April 2022

Thesis title: Diversity, Biology and resource characteristics of deep-sea demersal finfishes off southwest coast of India and Andaman Nicobar Islands of Indian Exclusive Economic Zone.

## YOU CAN FIND ME HERE

[https://www.researchgate.net/profile/Dr-Sileesh-Mullasserri?ev=hdr\\_xprf](https://www.researchgate.net/profile/Dr-Sileesh-Mullasserri?ev=hdr_xprf)

[www.linkedin.com/in/dr-sileesh-mullasserri-a6412756](http://www.linkedin.com/in/dr-sileesh-mullasserri-a6412756)

<https://x.com/DrSileeshm>

**Mullasserri - House**  
Padinjare Vemballur  
Kerala, India - 680671  
(+91) 9746869935  
[sileeshm@gmail.com](mailto:sileeshm@gmail.com)

**SKILLS:-** Proficient in R programming language for statistical modeling.

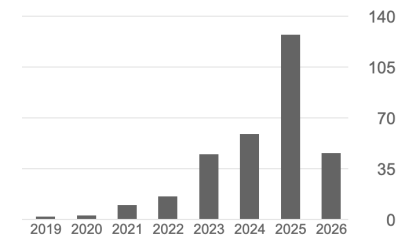


Sound in Python programming for statistical applications.



## Google Scholar Profile

	All	Since 2021
Citations	320	306
h-index	8	8
i10-index	7	7



## Experience in Research cruises

### FORV Sagar Sampada — Ministry of Earth Sciences (Government of India)

I possess extensive experience in fishery operations, having spent over 100 days onboard the FORV Sagar Sampada, a state-of-the-art research vessel, conducting cruises along the Indian Exclusive Economic Zone (EEZ).

### Experience as a Biostatistician

I provide freelance biostatistics consulting, utilizing my proficiency in R and Python to support biological research. I have successfully collaborated on research projects both in India and abroad.

### EXPERIENCE AS A TRAINER

I have extensive experience as a resource person, delivering training programs such as "**R Programming Language for Biologists**" and "**Basic Training on Python for Biologists.**" My experience includes contributing to KSCSTE and DBT-funded training initiatives at colleges.

### Exposure to international organization

**United Nations Organisations:-** Panel of Experts (PoE), in the third World Ocean Assessment spearheaded by the Division of Ocean Affairs and Law of the Sea, United Nations Organisation.

**UNESCO:-** Member of the the Challenger 150 working group for the Indian Ocean Basin team, the working group for the Challenger 150 programme, a global scientific initiative aimed at addressing the objectives of the UN Ocean Decade. The Intergovernmental Oceanographic Commission of UNESCO has formally endorsed Challenger 150 as a UN Ocean Decade activity.

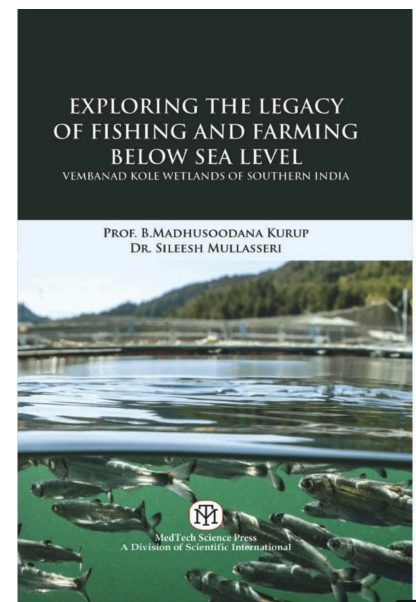
**IUCN:-**Member of the IUCN Commission on Education and Communication (CEC) for the 2026-2029 quadrennial period. I am also an active member of IUCN Commission on Environmental, Economic, and Social Policy 2026-2029.

**Deep-Ocean Stewardship Initiative (DOSI) –** Member, Biodiversity Task Force. I am a member of DOSI, a global network of over 3,600 scientists, policymakers, and experts from more than 115 countries dedicated to advancing deep-sea science, policy, and sustainable stewardship. I contribute my expertise to the Biodiversity Task

## Reviewer in:-

- Thalassas - An international journal of marine science
- Marine Biology Research
- Journal of Applied Ichthyology
- Marine Environment Research
- Indian Journal of Fisheries

## BOOK



<https://www.amazon.in/dp/9373261843>

<https://siplind.com/book-details/4174>



Force, participating in efforts to protect deep-ocean ecosystems amid threats like mining, climate change, and acidification. This role involves engagement through specialized working groups, policy briefings, workshops, and advocacy for UN frameworks such as the BBNJ Agreement and SDG 14, as outlined in DOSI's Governing document and resources.

**Publications:-** As a prolific and highly motivated scholar, my research endeavors have resulted in a robust publication record. I boast an impressive portfolio of over 20 peer-reviewed articles in esteemed international journals with significant impact factors. This consistent scholarly output, averaging two publications annually alongside my dedicated commitment to teaching and academic service, demonstrates a strong track record of research productivity.

## **MAJOR PUBLICATIONS**

- Sileesh, M., Alphi, K., Harish, K., and Viji, V. (2018). Species assemblages and community structure of deep-sea demersal ichthyofauna of the South-eastern Arabian Sea (SEAS). *Journal of the Marine Biological Association of the United Kingdom* 98, 1775–1781.
- Sileesh, M., KORATH, A., CHANDRAN, H. K., VIDYAN, V., SANTHOSH, A. M., and FRICKE, R. (2017a). First record of *Uranoscopus crassiceps* (Alcock, 1890)(Perciformes: Uranoscopidae) from off the Arabian Sea coast, south-western India. *FishTaxa* 2, 28–32.
- Sileesh, M., KORATH, A., VIDYAN, V., FRICKE, R., SURESH, A., and CHANDRAN, H. (2017). First record of *Paratriacanthodes retrospinis* Fowler, 1934 (Tetraodontiformes: Triacanthodidae) from the Andaman Islands, northeastern Indian Ocean. *FishTaxa* 2, 76–81.
- Sileesh, M., Kurup, B. M., and Korath, A. (2020a). Length at maturity and relationship between weight and total length of five deep-sea fishes from the, Andaman and Nicobar Islands of India, North-eastern Indian Ocean. *Journal of the Marine Biological Association of the United Kingdom* 100, 639–644.
- Sileesh, M., Kurup, B. M., and Korath, A. (2023). Bathymetric Variation on the Quantitative Diversity in the Deep-sea Fish Assemblage of Southwest India, Arabian Sea. *Thalassas: An International Journal of Marine Sciences* 39, 169–179. doi: 10.1007/s41208-022-00438-0
- Sileesh, M., Madhusoodana Kurup, B., and Korath, A. (2020). Length-weight relationship of deep-sea demersal finfishes from the Southeastern Arabian Sea. *Journal of Applied Ichthyology* 36, 855–857. doi: 10.1111/jai.14088
- Sileesh, M. S., Alphi, K., Harish, K. C., and Viji, V. (2017). Species assemblages and community structure of deep-sea demersal ichthyofauna of the South-eastern Arabian Sea (SEAS). *Journal of the Marine Biological Association of the United Kingdom* 98, 1775–1781. doi: 10.1017/S0025315417001151
- Vaz, R. G., Imchen, M., Mullasserri, S., Jacob, T., Kumavath, R., and Duddukuri, G. R. (2025). Liquid Kunapajala improves plant growth, selected soil properties, and modulates the rhizosphere bacteriome in *Piper nigrum* L. *Applied Soil Ecology* 206, 105859.