

Dr. Sileesh M S

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

EXPERIENCE

August 2022 - March 2026

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

July 2013 - March 2020

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.

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.

Mullasserri - House
Padinjare Vemballur
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(+91) 9746869935
sileeshm@gmail.com
Born in 08-04 1984

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

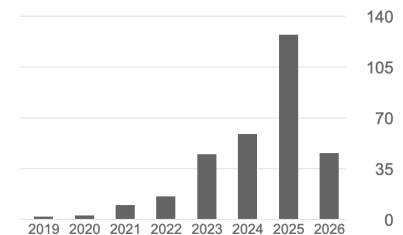


Sound in Python programming for statistical applications.



Google Scholar Profile

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



EXPERIENCE 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.

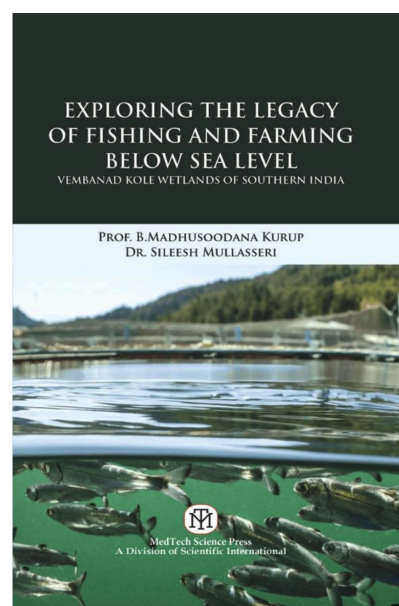
IUCN:-Member of the IUCN Commission on Education and Communication (CEC) for the 2026-2029 quadrennial period. I am also an active member of IUCN Commission on Environmental, Economic, and Social Policy 2026-2029.

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 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.

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>



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.

References

Prof. Madhusoodhna Kurup
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Prof . Muthusamy Ramakrishnan
Professor, Nanjing Forestry University,
Jiangsu Province, China.
Email: ramkyeri@gmail.com
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Declaration

I certify that all statements made in this resume are true and accurate, and I accept full responsibility for their validity. I understand that providing false or misleading information could result in consequences, and I assure the recipient that I have exercised due diligence in ensuring the accuracy of the information presented.



October 18, 2026