

# Ramvilas Ghosh A

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Faculty of Ocean Science  
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Kerala University of Fisheries & Ocean  
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## PROFILE:

A highly motivated marine biologist with profound interest in marine biodiversity and its conservational paradigms. Experienced in conducting research on the diversity, distribution, phylogeny, and conservation of gorgonian fauna along the Indian coast, and adjacent islands.

## EDUCATIONAL QUALIFICATIONS:

2017–2024 – Doctor of Philosophy - Kerala University of Fisheries and Ocean Studies, Kochi, India (**PhD awarded on 15-03-2024**)

**Title of the thesis:** *Towards bridging the biodiversity shortfalls in gorgonian fauna along the Indian coast.*

2013–2015: Masters' (M.Sc.) in Aquatic Biology & Fisheries - University of Kerala

2010–2013: Bachelors' (B.Sc.) in Zoology - University of Kerala.

## LANGUAGES KNOWN:

English, Malayalam, Hindi

## PUBLICATIONS:

1. **Ramvilas, G.**, Shalu, K., Raghavan, R., & Ranjeet, K. (2019). Mapping octocoral (Anthozoa: Octocorallia) research in Asia, with particular reference to the Indian subcontinent: trends, challenges, and opportunities. *Journal of Threatened Taxa*, 11(13), 14691–14721.
2. **Ramvilas, G.**, Dhyani S., Kumar, B., Sinha, N., Raghavan, R., Selvaraj, G., Divakar, N., Anoop, V.K., Shalu, K., Sinha, A., Kulkarni, A., Das, S., & Molur, S. (2021). Insights on COVID-19 impacts, challenges and opportunities for India's biodiversity research: From complexity to building adaptations. *Biological Conservation*, 25, 109003.
3. **Ramvilas, G.**, India's caste prejudice hinders egalitarian science. (2022). *Nature*, 612, 404.

4. **Ramvilas, G.**, Alderslade, P., & Ranjeet, K. (2023). The taxonomy of Indian gorgonians: an assessment of the descriptive records of gorgonians (Anthozoa: Octocorallia: Alcyonacea) recorded as occurring in the territorial waters of India, along with neighbouring regions and the Andaman and Nicobar Islands, and the highlighting of perceived unethical practice. *Zootaxa*, 5236(1), 1–124.
5. Shalu, K., Thomas, L., **Ramvilas, G.**, Shabeena, K.S., Philip, S., Sureshkumar, S., Raghavan, R., & Ranjeet, K. (2023). DNA barcodes for the pipefish genus *Corythoichthys* (Actinopterygii: Syngnathiformes) from the Indian Ocean provide insights into cryptic diversity. *Journal of Fish Biology*.

#### PAPER PRESENTATION IN SEMINARS/CONFERENCES/SYMPOSIUM

1. **Ramvilas Ghosh**, Dhaneesh, K.V. & Biju Kumar, A. (2015). *Morphotaxonomy and DNA Barcoding of Common Sea Snakes (Reptilia: Elapidae) of Kerala coast*. Oral presentation in the National Multidisciplinary Annual Research Conference, University of Kerala.
2. **Ramvilas Ghosh**, Raghavan, R. & Ranjeet, K. (2018). *Mapping octocoral research in India and identifying challenges and needs for improved knowledge*. Oral presentation in the Asia-Pacific Coral Reef Symposium, Cebu, Philippines.
3. Shalu, K., **Ghosh, R.V.**, Raghavan, R. & Ranjeet, K. (2018). *Knowledge, perception and attitudes of fishers towards conservation of three marine taxa listed in the Schedule 1 of the Indian Wildlife Protection Act*. Best Poster in the International Biodiversity Congress, Dehradun, India.
4. **Ramvilas Ghosh** (2023). *Fans of Lakshadweep*. Invited talk, Lakshadweep Knowledge Summit, Ahmedabad, India.

#### PROJECTS/GRANTS

1. **Principal Investigator** (2017–18). *Bridging key knowledge gaps for the conservation of the Indian Ocean Gorgonians*. Mohamed bin Zayed Species Conservation Fund (UAE); Project No: 172516912.
2. **Principal Investigator** (2017–18). *Bridging key knowledge gaps for the conservation of Indian Ocean gorgonians*. Rufford Foundation (UK); Project No: 23959-1.
3. **Principal Investigator** (2019–2021\*). *Distribution, population status and threats of the Snowflake coral (*Carijoa riisei*) in India*. PADI Foundation (USA); Project No: 40651.
4. **Principal Investigator** (2021–22). *Intertidal gorgonians of the Mumbai coast: a curious case of poorly-known urban marine biodiversity in India*. Rufford Foundation (UK);

Project No: 31982-2.

5. **Collaborator** (2024\*): *Bycatch assessment of vulnerable marine fauna in coastal artisanal fisheries in the Arabian Sea*. Mohamed bin Zayed Species Conservation Fund (UAE); Project No: 230533147.

## AWARDS

1. **National Eligibility Test** for Assistant Professor (2019): *University Grants Commission* (India); Certificate No: DEC19U63666.
2. **First Rank**, MSc. Aquatic Biology and Fisheries, University of Kerala, Thiruvananthapuram, Kerala, India.

## WORKSHOPS/SEMINARS/CONFERENCES

| Year | Workshops/Seminars/Conferences  | Role/Purpose                             |
|------|---|--|
| 2024 | Bridging Nature with Data Science; 18-19 <sup>th</sup> June   | Participant                              |
| 2020 | Webinar - COVID-19 & Biodiversity Research in India; 16 <sup>th</sup> July  | Coordinator                              |
| 2019 | <b>Certificate Course (5 ECTS)</b> : Basics of Taxonomy: Describing, Illustrating and Writing biodiversity, Tollboden Marine Field Station, Norway; 28 <sup>th</sup> October-8 <sup>th</sup> November | Participant                              |
| 2019 | GORGON-IND: Workshop on conservation needs and priorities for gorgonians in India, University of Kerala, India; 1–2, July   | Organizing Coordinator & Resource Person |
| 2018 | 4th Asia-Pacific Coral Reef Symposium, Cebu, Philippines; 4–8 June  | Oral Presentation & Volunteer            |
| 2018 | Science Communication Workshop, Coimbatore, India; 17–18 March  | Participant                              |
| 2017 | Students Conference on Conservation Science, Bangalore, India; 21-24 September  | Participant                              |

## MEDIA

1. *Gorgons of the Ocean* (Documentary). 2019. <https://www.youtube.com/watch?v=i117SFIujjc&t=156s>
2. *Sea Fans!* (Educational video). 2019. <https://youtu.be/LLGhHhzQigU>
3. *COVID19 impacts and opportunities for biodiversity research in India*. Featured on an article by KM Ravindran, 2021. <https://ddrn.dk/covid19-impacts-and-opportunities-for-biodiversity-research-in-india/>
4. India is booming — but there are worries ahead for basic science. Featured on an article

by Smriti Mallapaty, 2024. <https://www.nature.com/articles/d41586-024-00956-2>

## REFERENCES

1. Dr. Phil Alderslade, Octocoral Taxonomist and Honorary Fellow, CSIRO Marine and Atmospheric Research, Tasmania, Australia. Email: [Phil.Alderslade@csiro.au](mailto:Phil.Alderslade@csiro.au); [phil@alderslade.net](mailto:phil@alderslade.net)
2. Dr. Ranjeet K (Supervisor), Professor, Department of Aquatic Environment Management, Kerala University of Fisheries and Ocean Studies, Kochi, India. Email: [ranjeet.kufos@gmail.com](mailto:ranjeet.kufos@gmail.com)
3. Dr. Rajeev Raghavan (Co-supervisor), Assistant Professor, Department of Fisheries Resource Management, Kerala University of Fisheries and Ocean Studies, Kochi, India/South Asia Chair, IUCN SSC Freshwater Fish Specialist Group/IUCN Freshwater Fish Red List Authority Coordinator (Asia & Oceania). Email. [rajeev@kufos.ac.in](mailto:rajeev@kufos.ac.in)
4. Dr. Biju Kumar, Professor and Head, Department of Aquatic Biology and Fisheries, University of Kerala, Thiruvananthapuram, Kerala, India. Email: [bijupuzhayoram@gmail.com](mailto:bijupuzhayoram@gmail.com); [bjukumar@keralauniversity.ac.in](mailto:bjukumar@keralauniversity.ac.in)