

Dr. BHAGYALEKSHMI VENUGOPAL

Details

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Links

<https://www.researchgate.net/profile/Bhagyalekshmi-Venugopal>

<https://www.linkedin.com/in/bhagyalekshmi-venugopal-a755a235/>

<https://abisys.in/bhagyalekshmi.html>

Expertise

Taxonomy of Chondrichthyes

Systematics

Phylogenetics of Elasmobranchs

Biodiversity

Conservation and Management

Skills

R programming

Adobe Photoshop

MS office

“Scholar with expertise in Elasmobranch Taxonomy, Systematics, Phylogeny and Conservation. Seeking to leverage research and analytical skills to contribute effectively to marine biodiversity conservation efforts”

Employment

Project Scientist-I

Centre for Marine Living Resources and Ecology, Ministry of Earth Sciences, Government of India, Kochi

February 2024- Present

Responsibilities

- Conduct research on Chondrichthyes biodiversity and taxonomy in the Indian EEZ.
- Curator of Ocean eyes web app
- Analyze data and publish findings in peer-reviewed journals.

Education

- **PhD (Aquatic Biology and Fisheries)**
 - University: University of Kerala, India
 - Year of Completion: 2023
 - Thesis Title: DNA Barcoding and Phylogeny of Batoid fishes (Chondrichthyes: Batoidea) of Southwest and Southeast coasts of India
 - Fellowship: Kerala University Junior Research Fellowship
- **Master of Science (Aquatic Biology and Fisheries)**
 - University: University of Kerala, India
 - Year of Completion: 2014
 - Dissertation title: Cage culture of Cobia (*Rachycentron canadum*) in brackish water.
 - Remarks: University first rank holder
- **Bachelor of Science (Zoology)**
 - University: University of Kerala
 - Year of Completion: 2012
 - Dissertation: Scale morphology of fresh water and marine water species

Awards

• Conservation Grant

Awarded grant from World Wildlife Fund, India; under Small Grant Innovation Program for the Project entitled “An Integrative taxonomic study of the Threatened Batoids along the South west and South east coast of India” (July 2018 - June 2019).

• Best Paper Award

Best paper presentation award in the ‘International webinar on Sustainable Marine Fisheries and Aquaculture’, March 2021.

• Best Paper Award

Best paper presentation award in the ‘International webinar on Conservation of Life Below Water’, March 2021.

• Best Poster Award

Poster presentation competition on Endangered species conducted by Centre for Biodiversity Conservation, University of Kerala, March 2021.

Publications

- Bhagyalekshmi, V. and Biju Kumar, A. (2017). Variable torpedo ray *Torpedo sinuspersici* olfers, 1831 with fully developed foetus caught in shore seine operated from Thiruvananthapuram, Kerala. *Journal of Aquatic Biology & Fisheries*, Vol. 5, pp. 210-212.
- Biju Kumar, A., Bhagyalekshmi, V., and Riyas, A. (2017). Climate change, Fisheries and Coastal ecosystems in India. *Journal of Aquatic Biology & Fisheries*, Vol. 5, pp. 7-17.
- Bhagyalekshmi, V. and Biju Kumar, A. (2020). Morphological Abnormalities of Indian Ring Skate, *Orbiraja powelli* (Alcock, 1898) (Rajiformes: Rajidae) Collected in the Southwest Coast of India. *Thalassas*, 36: 193-200. <https://doi.org/10.1007/s41208-019-00167-x>
- Bhagyalekshmi, V. and Biju Kumar, A. (2021). Bycatch of non-commercial batoids in the trawl fishery of south India: Status and conservation prerequisites. *Reg. Stud. Mar. Sci.* 44(11):101738. [10.1016/j.rsma.2021.101738](https://doi.org/10.1016/j.rsma.2021.101738)

Presentations

• Oral Presentations

- Bhagyalekshmi, V. & A. Biju Kumar. (2019). Effect of commercial trawl fisheries on non-commercial batoids in the south coast of India: Conservation needs. Sixth Biennial Conference of Ocean Society of India, December 12-14, 2019.
- Bhagyalekshmi, V. & A. Biju Kumar. (2020). Assessment of threatened batoids in the fish landings of south west and south east coast of India. International conference on impact of climate change on hydrological cycle, ecosystem, fisheries and food security, February 11-14, 2020.
- Bhagyalekshmi, V. & A. Biju Kumar. (2021). Is Deep-sea Fishing Sustainable? A Case Study Based on the Diversity of Deep-Sea Batoids in the Trawl bycatch along South Indian Coast. International webinar on Sustainable Marine Fisheries and Aquaculture, March 12-13, 2021.
- Bhagyalekshmi, V. & A. Biju Kumar. (2021). Conservation of Rays (Elasmobranchii: Batoidea) in India: Status and Challenges. International webinar on Conservation of Life Below Water, March 18-20, 2021.

Languages

English

Hindi

Malayalam

Tamil

Address

Niranjanam (H), Chittattumukku P.O.,
Thiruvananthapuram, Pin- 695301

▪ Poster Presentations

- Bhagyalekshmi, V. & A. Biju Kumar. (2018). Colour polymorphism of variable torpedo ray *Torpedo* sp.: An integrative taxonomic study. Kerala Science Congress, January 28-30, 2018.
- Bhagyalekshmi, V. & A. Biju Kumar. (2018). Threatened Batoid fishes of India: Temporal variations in fisheries and conservation strategies. International Biodiversity Congress, 2018