

**Dr. DIVYA SOMAN, SCIENTIST B,**  
**ICWMR, TERI SCHOOL OF ADVANCED STUDIES**

Email id: [somandivya7@gmail.com](mailto:somandivya7@gmail.com), [divya.soman@terisas.ac.in](mailto:divya.soman@terisas.ac.in)



***Education***

- 2015-2022: **Ph.D. in Environmental Studies, Kerala Forest Research Institute (KSCSTE-KFRI) registered in Cochin University of Science and Technology**  
**Title:** “Assessment of Ecosystem Services from Parambikulam Tiger Reserve”.
- 01.2011-05.2011: **M.Phil. Research Project at Indian Institute of Sciences, Bangalore, India**  
**Title:** Economic Valuation of Ecosystem Services from Forest Ecosystems of Uttara Kannada District, Karnataka
- 2010-2011: **Master of Philosophy (M.Phil.) in Ecological Informatics from Indian Institute of Information Technology and Management-Kerala (IIITM-K).**
- 01.2010-05.2010: **M.Sc. Research Project at Indian Agricultural Research Institute, Delhi, India**  
**Title:** “Bioremediation of Municipal sewage water with *Azolla microphylla*- Indian Agricultural Research Institute, New Delhi”.
- 2008-2010: **M.Sc. Environmental Technology (Specialization: Environmental Biotechnology)**  
School of Environmental Studies, Cochin University of Science and Technology, Kerala, India.
- 2005-2008: **B.Sc. Graduation in Zoology (Vocational Model II)**  
Assumption College, Changanassery, Affiliated to Mahatma Gandhi University, Kottayam, Kerala, India
- 2005: **AISSE (All India Secondary School Examination- India)-12<sup>th</sup>**
- 2003: **AISSCE (All India Senior School Certificate Examination)-10<sup>th</sup>**

### *Project Associations (Project Associate/ Senior Project Fellow/ Project Fellow)*

No.	Project Title	Year
1.	WEB GIS-Based Land Resource Information System for Kerala. Implemented By the Indian Institute of Information Technology and Management-Kerala (Funded by Kerala State Land Use Board)	February 2013 to June 2013
2.	Study Of Tourism in GEF Munnar Landscape Project Area: Patterns of Development, Impacts and Carrying Capacity and Mainstreaming Biodiversity Conservation and Livelihood in Tourism Strategy (Funded by United Nations Development Programme and Global Environment Facility)	December 2014-December 2015
3.	Economic Valuation of Ecosystem Services from Moist Deciduous Forests of Kerala (Funded by- Kerala Forest Department)	Nov 2019-June 2021
4.	Socioeconomic Assessment of Workers at Kerala Forest Development Corporation Plantations – Gavi Division (Funded by Kerala Forest Development Corporation)	October 2021-March 2022
5.	Scoping Study to Develop People-Inclusive Livelihood-Based Governance Strategy for The Long-Term Conservation of Mangrove Forests of Kerala (Rebuild Kerala Initiative, Funded by Kerala State Government)	March 2022-March 2023

### *Awards Received*

- **KSCSTE fellowship** for pursuing Ph.D. in Environmental Sciences sponsored by Kerala State Council for Science, Technology and Environment.
- **SPEED IT Scholarship** for pursuing M.Phil. in Ecological Informatics
- **Qualified National Eligibility Test (NET). UGC Ref No. 28102/(NET-DEC.2015)**
- **Best Paper Award** - “Bioremediation as an Ecosystem Function in Constructed Wetland”, in the conference Dwindling Wetlands-Impact on Livelihood and Ecosystem Services presented at Christ University, Bangalore, 2017.
- **Best Paper Award** -“Economic Valuation of Recreational Demand from Parambikulam Tiger Reserve”, at the 28<sup>th</sup> Swadeshi Science Congress from 6-8<sup>th</sup> November 2018 at CSIR-National Institute of Interdisciplinary Science and Technology, Thiruvananthapuram.
- **Best Paper Award** - “Spiritual and heritage value of Kannimara teak in Parambikulam Tiger Reserve, Kerala”, at the International Virtual Conference on Biodiversity and Ecosystem Services in A Climate Change Perspective organized by the Centre for climate change (CCC), Environmental Management and Policy Research Institute (EMPRI), Bengaluru, 2020
- **Dr. C Chandrasekhara Endowment Award 2021** constituted by Kerala Forest Research Institute for the best researcher working in the field of forest and environment in Kerala.

### *Training and Achievements*

- Resource person in Green Skill Development Programme by MoEFCC on programme titled “**Valuation of Ecosystem Services and Green GDP**” by Kerala Forest Research Institute from Nov 21 to Dec 8, 2018 and 17 February-05 March 2020.
- Ten-day virtual training programme in R software on “**Rainfall data analysis using different packages of R-software**” by the Centre for Water Resources Development and Management (CWRDM) from 12th to 22nd July 2021.
- Online course on “**Ecosystem Service-A Method for Sustainable Development**” by Coursera- from GENEVA UNIVERSITY 24 July- 24 August 2021.
- Online course on “**Ecology: Ecosystem Dynamics and Conservation**” by Coursera from the American Museum of Natural History on 29 September-29 October 2021.
- Ten days training program conducted by the Centre for Water Resources Development and Management (CWRDM) on “**Advances in Agricultural Water Management through integrated approaches under changing climate**” from 15<sup>th</sup> November to 25<sup>th</sup> November 2021.
- Participated in and coordinated a workshop on “**Valuation of Ecosystem Services, Kerala State**”, by: Environmental Information System [ENVIS RP], Indian Institute of Science, Bangalore at Sacred Hearts College, Ernakulum from 21 December 2021 to 25 December 2021.
- Participated in an **8-week, interdisciplinary** Climate Leadership program by **SUSTERA FOUNDATION** partnering with ATREE, EQUINOCT, Kerala Startup Mission, CERC, KSDMA, ASAR and TERRA.do from 4<sup>th</sup> February 2022 to 10<sup>th</sup> April 2022.
- Participated in the '**Global Online Training: Demystifying Climate Data for Communication and Action**' by Centre for Science and Environment (CSE) from 26 Feb-12 March 2022.
- Completed a course on “**Nature-based Solutions for Disaster and Climate Resilience**” developed by the United Nations Environment Programme (UNEP) and the Partnership for Environment and Disaster Risk Reduction (PEDRR) from March to June 2022.

### *Papers published*

- **D Soman.**, Anitha, V., Anju, A. 2018. Bioremediation of Municipal Sewage Water with Azolla microphylla. International Journal of Advanced Research, 6(5): 101-108
- Ramachandra, T, V., **D Soman**, Naik, A, D., Chandran, M, D. 2017. Appraisal of Forest Ecosystem Goods and Services: Challenges and Opportunities for Conservation. *J Biodiversity*, 8(1): 12-33. DOI: 10.1080/09766901.2017.1346160
- **D Soman**, V Anitha. 2019. A Critical Review on the Valuation of Ecosystem Services from the Forests of India. International Journal of research and analytical reviews. Vol. 6, Issue 1588-1600.
- **D Soman**, V Anitha. 2020. Community Dependence on the Natural Resources of Parambikulam Tiger Reserve, Kerala, India- Trees, Forest and People, ELSEVIER PUBLICATION. ISSN 2666-7193. Vol 2 <http://doi.org/10.1016/j.tfp.2020.100014>.

## Conference Proceedings

- **D Soman**, Anitha V, Viswanath, S. 2023. From Cognition to Economic Valuation of Cultural Ecosystem Services - A Perspective. Presented at the Asia Consultative Workshop on Ecosystems and Nature-Based Solutions held at KSCSTE-Kerala Forest Research Institute. Jointly organized by IUCN Commission on Ecosystem Management & KSCSTE Kerala Forest Research Institute from 15-17 March 2023.
- Anitha, V, **D Soman**, Sarada, D. 2023. Linking Poverty and Vulnerability: A Case Study of the Workers in Gavi. Presented in the Disaster, Risk and Vulnerability. Conference jointly organized by School of Environmental Sciences, Mahatma Gandhi University and Department of Geology, University of Kerala. 19-21 January 2023.
- Anitha, V, **D Soman**, Sarada, D. 2023. The Paradox of Mangrove Conservation and Community Vulnerability in Kerala, India. Presented in the Disaster, Risk and Vulnerability Conference jointly organized by School of Environmental Sciences, Mahatma Gandhi University and Department of Geology, University of Kerala. 19-21 January 2023.
- **D Soman**, Viswanath, S., Anitha V. 2021. The Economics of Endangered Species Protection in a Protected Area: The Case of Parambikulam Tiger Reserve, Kerala, India. *International Commonwealth Forestry Conference, Canada* held online from 16-18 August 2021. Virtually hosted by the Faculty of Forestry at the University of British Columbia Vancouver, British Columbia, Canada
- **D Soman**, Anitha V, Viswanath, S. 2021. An Embodied Perspective on the Existence Value of a Heritage Tree in Parambikulam Tiger Reserve, Kerala, India. *International Conference on Natural and Cultural Heritage in Forests –Contemporary Challenges*. Forest Culture Centre in Goluchow. 9-10 December 2021
- Anitha V., **D Soman**. 2021. An Assessment of Recreational Services and Ecotourism Development of Athirappily - Vazhachal Waterfalls in the Natural Forests of Southern Western Ghats, India. *International Conference on “Natural and cultural heritage in forests – contemporary challenges”* held online from December 9-10, 2021. Virtually hosted by Warsaw University of Life Sciences, Poland.
- **D Soman**., Anitha, V., Viswanath, S., Sandeep, S. 2021. Insurance Value of an ecosystem function provided by the natural forest in Parambikulam Tiger Reserve, India. *11th International Conference on Ecological Informatics conducted online by the Digital University, Kerala*. 9-13 November 2021.
- Anitha V., **D Soman**. 2020. Economic valuation of ecosystem services: bridging the gap between natural resources conservation and environmental accounting, *UGC-ISF International Workshop on ‘Ecosystem service assessment for the sustainable Management of Ashtamudi and Sasthakotta Lakes, Kerala, 17-18 January 2020; Organized jointly by the Department of Environmental Sciences, University of Kerala and Natural Resources Management Institute, University of Haifa, Israel*.
- **D Soman**, V Anitha. 2019. The Cultural Significance of a Monumental Tree in Parambikulam Tiger Reserve for *the International Conference on Energy and*

*Environment, TKM College of Arts and Science, Kollam from 12-14 December 2019. (International Conference)*

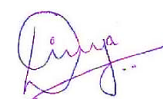
- **D Soman**, V Anitha. 2019. Cultural Services and Forest Dependency: Assessment of Recreational Demand for Parambikulam Tiger Reserve, Kerala, India. *Proceedings Indian National Society for Ecological Economics-Centre for Economic and Social Studies (INSEE-CESS) Biennial Conference, from 6<sup>th</sup> to 8<sup>th</sup> November 2019 at CESS, Hyderabad. (International Conference)*
- **D Soman**, Anitha V. Forest Dependence and Community Wellbeing in Parambikulam Tiger Reserve, Kerala. *Proceedings, 31st Science Congress held at Fatima Mata National College, Kollam from 2-3rd Feb, 2019.*
- **D Soman**, Anitha V. Economic Valuation of the Recreational Demand for Parambikulam Tiger Reserve, Kerala. *Proceedings, 28th Swadeshi Science Congress, 2018 held at CSIR-National Institute for Interdisciplinary Science and Technology, Trivandrum, Nov 6-8th 2018.*
- **D Soman**, Anju Arora. Bioremediation of Secondary Treated Sewage Water with *Azolla microphylla*. *Proceedings, 26<sup>th</sup> Swadeshi Science Congress. 2016 held at Central Marine Fisheries Research Institute.*
- **D Soman**, Anitha V, Anju Arora. Bioremediation as an Ecosystem Function in Constructed Wetland. *Proceedings Dwindling Wetlands-Impacts on Livelihood and Ecosystem Services (DWILES, 2017), Bangalore held at Christ University, Bangalore.*

#### ***Books/Chapters in Books published***

1. Anitha V, Joseph N, Krishnakumar J, Nipin M, **D Soman**. The medicinal plants sector supporting livelihood and industry: Problems and Probable explanations in Kerala, India. 2018. in the book “Prospects in Conservation of Medicinal Plants”. Published by KSCSTE-KFRI. URL: <http://www.kfri.res.in>.
2. **D Soman**, Anitha, V. 2018. The Cultural Value of Ecosystem Services: The case study on Kannimara Teak in the resource manual “Valuation of Ecosystem Services and Green GDP”, Ministry of Environment, Forests and Climate Change (MoEF & CC) GOI. Course Duration: Nov 21 to Dec 8, 2018, at Kerala Forest Research Institute.
3. **D Soman**, Anitha, V. 2020. The economic valuation of ecosystem services: The case study of Parambikulam Tiger Reserve. Valuation of Ecosystem Services and Green GDP, Ministry of Environment, Forests and Climate Change (MoEF & CC) GOI. Course Duration 17 Feb to 5 March 2020 at Kerala Forest Research Institute.

#### ***Declaration***

I declare that the above-furnished details are accurate to my knowledge and belief.



Date: 07-08-2023

Place: New Delhi

Dr. Divya Soman