

SREELAKSHMI PRAKASH

Contact Information

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Objective

To be part of a team where I can lay a firm foundation to my career with my earnest efforts and dedication.

Current Position

Working as Technical Assistant in Dr.R.Satheesh Centre for Remote Sensing and GIS, School of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala, India.

Educational Summary

- ✓ **SHORT TERM COURSE IN GIS AND REMOTE SENSING 2022**
School of Environmental Sciences, Mahatma Gandhi University, Kerala, India
- ✓ **M Phil ENVIRONMENT MANAGEMENT 2018-2019,**
(80%, First position) School of Environmental Sciences, Mahatma Gandhi University, Kerala, India
- ✓ **M. Sc. ENVIRONMENT SCIENCE AND MANAGEMENT 2015-2017,**
(86% , Second position) Sree Sankara College Kalady, Ernakulam district, Mahatma Gandhi University, Kerala, India.

- ✓ **B.Sc. CHEMISTRY 2013-2015** (76%). Sree Keralavarma College, Thrissur, Calicut University, Kerala, India.
- ✓ **HSE 2012** (76%) Kerala State Board of Public Examination. G.M.B.H.S.S Kunnankulam, Thrissur district, Kerala, India.
- ✓ **SSLC 2010**(94%) Kerala State Board of Public Examination. Depaul E.M.H.S.S. Choondal, Thrissur district, Kerala ,India.

Research experience

- ✓ Six month research experience in Kerala Forest Research Institute, Peechi, Thrissur as a part of MSc dissertation work under GIS & Remote Sensing Department with project entitled “Is Remote Sensing Effective in Predicting the Biomass of Heterogeneous Landscapes”.
- ✓ Six month research experience in Dr.R.Satheesh Centre for Remote Sensing and GIS, School of Environmental Sciences, Mahatma Gandhi University, Kottayam as a part of M Phil dissertation work under GIS & Remote Sensing Department with project entitled “Spatio-Temporal Evaluation of Landslide Susceptibility and Soil Erosion of Chalakkudy River Basin, Kerala”.
- ✓ Two year experience in School of Environmental Sciences, Mahatma Gandhi University, Kottayam as Junior Research Fellow in the project entitled, **“Mapping the Spatial Distribution of rock quarries in Ernakulam, Idukki and Kottayam districts of Kerala”** (*funded by DoECC*)

Projects undertaken

- ✓ **Diploma project:** Spatio - Temporal Evaluation of Ecosystem Changes over Decades in Indian Sundarabans (2022)
- ✓ **M.Phil Dissertation:** Spatio-Temporal Evaluation of Landslide Susceptibility and Soil Erosion of Chalakkudy River Basin, Kerala (2019)

- ✓ **M.Sc. Dissertation:** Is remote sensing effective in estimating biomass of heterogeneous landscapes in Kerala (2017)
- ✓ **MSc group project :** Soil quality assessment of selected areas in Kalady grama panchayath (2017)
- ✓ **BSc group project :** Production of biodiesel from vegetable oils. (2007)

Paper Publications

- Annual Soil Loss Estimation in a Tropical River Basin of Southern India Using RUSLE Model and AHP Techniques , *Journal of Geosciences Research ,ISSN : 2455-1953 ,Vol. 7, No.2, July, 2022*
- Assessment of Ecological Disturbance on Indian Sundarbans with Special Reference to Amphan Cyclone by Using Geospatial Technology, *Journal of Geospatial Technology, Vol. 3, No.1, April 17 2023*
- Hydrometeorological Landslides on the Windward Side of Western Ghats – A Case Study of Kootickal, Kerala, India, *Journal of Geospatial Technology, Vol. 3, No.2, July 19 2023*

Paper presented in Seminar

- Is remote sensing effective in estimating biomass of heterogeneous landscapes in Kerala, *30th Kerala science Congress 2018*
- Spatio-Temporal Evaluation of Landslide Susceptibility and Soil Erosion of Chalakkudy River Basin , Kerala , *International Conference on Frontiers in Marine Science: Challenges and Prospects – Maricon 2019*
- Assessment of Ecological Disturbance on Indian Sundarbans with special reference to Amphan cyclone using by Geospatial Technology, *2nd International Symposium on Geo- Informatics - (GEOSYM) 2022*
- Spatio Temporal Analysis of Land Use /Land Cover of Indian Sundarbans Over Decades, *5th International Disaster, Risk and Vulnerability Conference – (DRVC 2023)*

Hands on Experience

- Experience in various soil and water quality and microbiological analysis done throughout the academic year
- Experience in GIS and Remote Sensing
- Teaching experience in Vimala College, Thrissur for UG students in Disaster Management as their audit course.

Computer Skills

M.S. Office

Adobe Photoshop CS2

Co Curricular Activities

Active participant of camps, surveys, conferences, seminars, webinars etc

- Completed *Cardio Pulmonary Resuscitation and Trauma Care Course* conducted by Dept. of Emergency Medicine, Amrita School of Medicine.
- Participated in two day *National Symposium on Climate Change* hosted by NGO Plan@ Earth.
- Participated in one day seminar on *A Scientific Analysis and Rethinking on the Recent Mega Flood of Kerala.*
- Participated in *GIS Day seminar* conducted by GEC, Thrissur.
- Participated in Nature awareness camp held at *Shola National Park.*
- Participated in Nature awareness camp held at *Shenthuruni Wildlife Sanctuary.*
- Participated in Global Webinar series: *Environment and Emergencies in the face of COVID-19* conducted by UNEP
- Participated in *4th and 5th International Disaster Risk and Vulnerability Conference* organised by School of Environmental Sciences, Mahatma Gandhi University, Kerala, India.
- Participated in 5 days webinar series on *Disaster Management* organised by Department of Environmental Sciences, School of Earth Science Systems, Central University of Kerala.
- Completed online course on *“Basic Principles of Remote Sensing Technology”* conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun

- Completed 3 days Course on “*ArcGIS Pro: Essential Workflows*” conducted by **esri India**

Languages known

English, Hindi and Malayalam

Personal Information

Date of Birth : 7/06/1994

Sex : Female

Nationality : Indian

Father's name: Jayaprakasan

Communication Address : Veluthath (H)
Pamboor P.O, Kuttur
Thrissur (Dt) Kerala , 680013

Academic Referees

- 1 **Thomas Stephen**
Head of Department
Environmental Science and Management Department
Sree Sankara College
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- 2 **Dr. Shijo Joseph**
Assistant Professor
GIS & Remote Sensing Department
Kerala University of Fisheries and Ocean Studies
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- 3 **Dr. K. R BAIJU**
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School of Environmental Sciences
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- 4 **Dr. Abin Varghese**
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Declaration

I hereby declare that the above information is true to the best of my knowledge



Sreelakshmi Prakash