



KARUN JOSE

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PROFILE SUMMARY

Currently, a Ph.D. scholar under Dr. Rajiv Kumar Chaturvedi at BITS Pilani Goa, working on the impacts of climate change on tropical forests using PhenoCams. Aims to toil hard to synergies a comprehensive system for an in depth understanding and knowledge about climate change on forest phenology level and design climate adaptation policies.

AREAS OF INTEREST

1. Tropical Forest 2. Climate change and Global Warming, 3. PhenoCam data analysis

DISSERTATION

Nov '19 – Mar '20: Dissertation in **Space Application Centre, ISRO** under the Guidance of **Dr D. R. Rajak** on **"Investigation of Long-term Dynamics of Major Antarctic Polynyas and their Impact on the Antarctic Sea Ice."**

Summer Internship

1 Month: NCESS, Trivandrum for from 1st May '19-31st May '19 on LULC Mapping of Kasaragod District, Kerala

RESEARCH PAPERS

Chaturvedi, R.K., Jose, K., Shruthi, B.V.R. et al. Suitability Assessment and Carbon Mitigation Potential of Plantations on India's Railway Land. Anthr. Sci. 1, 145–163 (2022). <https://doi.org/10.1007/s44177-022-00015-3>

SEMINARS / PROGRAMS ATTENDED

- IIRS 34th Outreach Program on "Geospatial Modelling and Application for Urban and Regional Areas
- National Seminar on "Climate Change and Disaster Management"
- Seminar on topic "Climate Change and Fisheries" at KUFOS

TECHNICAL PURVIEW

- Geospatial Packages: **QGIS, Arc GIS, ERDAS Imagine, ENVI**
- Programming Knowledge: **Python, R**

EDUCATION

- **2020: M.Sc. in Remote Sensing and GIS** from Kerala University of Fisheries and Ocean Studies, KUFOS with **8.42/10 CGPA, University First Rank**
- **2017: B.Sc. in Physics** from Deva Matha College Kuravilangad, MG University with **8.3/10 CGPA**
- **2014: 12th** from St. Mary's HSS Kuravilangad D, Board of Higher Secondary, Kerala with **89%**
- **2012: 10th** from DE Paul HSS Nazareth Hill, Kerala Board with **90%**

PERSONAL DETAILS

Date of Birth: 30th March, 1996
Languages Known: English, Malayalam & Hindi
Address: Kalappurackal (H), Nazareth Hill (PO), Kuravilangad, Kottayam, Kerala

ACHIEVEMENT

- DST Inspire Fellow
- **University First Rank** for MSc Remote Sensing and GIS from Kerala University of Fisheries and Ocean Studies, KUFOS
- **Award: Runner Up for Best Thesis award**, 2020 offered by IEEE India Geoscience and Remote Sensing Society