Terrestrial Ecology Laboratory @ IISER Kolkata

Mohanpur - 741246, District Nadia, West Bengal, INDIA

(https://www.iiserkol.ac.in/web/en/people/faculty/dbs/robert-john/)

Applications are invited for one **Junior Research Fellow (JRF)** for **landscape ecological analyses in GIS/RS** under an ANRF project at **IISER Kolkata** on **Terai Ecosystems**

We invite one Junior Research Fellow to conduct **landscape ecological analyses of land-cover changes, species diversity, and above- and below-ground carbon assessments** in forest and grassland ecosystems in the Terai ecoregion. This project on **"Recent decadal-scale changes in land use/land cover in the Terai-Duar Savanna and Grasslands Ecoregion: Implications for terrestrial carbon cycling and plant biodiversity"** is funded by the Anusandhan National Research Foundation (ANRF), Government of India.

The JRF will work with primary and secondary datasets at regional scales, in collaboration with a team of field biologists, to carry out the above analyses. Highly skilled and motivated candidates who can multitask in fieldwork may look forward to a two-year appointment, the latter as a Senior Research Fellow. The JRF will be based at IISER Kolkata but may undertake occasional fieldwork in and around multiple Terai protected areas, including Manas, Jaldapara, Valmiki, and Rajaji. This work will provide an excellent opportunity for field research, analysis, learning, and training.

1. Number of positions available: 1 (one)
2. Funding Agency: ANRF, Government of India, New Delhi
3. Project PI: Dr. Robert John Chandran, Professor, Department of Biological Sciences

4. Essential Qualifications: Master's Degree in Geoinformatics / Geoscience / GIS and Remote Sensing / Life Sciences / Ecology/Environmental Science. **B. Tech degree** in Engineering with the appropriate GATE qualification. **The candidate should be highly motivated to conduct high-quality analyses and possess relevant skills in landscape and spatial data analysis using a combination of R, Python, Google Earth Engine, ArcGIS Pro, QGIS, etc.** The candidate should have qualified in at least one National Exam, such as CSIR/UGC NET-LS, GATE, ICAR-NET, JGEEBILS, or an equivalent, and have at least 2 years' work experience in relevant projects funded by Government Agencies.

5. Desirable Qualifications: Experience and inclination towards ecological sciences and some field work experience on ecosystems or ecologically rich landscapes.

6. Duration and Salary: The employment will be for a period of ONE YEAR, which may be extended beyond one year based on performance and motivation of the candidate. The monthly salary will be based on ANRF norms, including HRA, i.e., Rs. 37,000 + 8,880.

7. Age limit: Age limit and age relaxation will be as per GOI rules.

8. How to Apply: Interested candidates are requested to send their **CV by email with full personal and professional details, the names of at least two referees, a statement of suitability for the position, which clearly indicates past research experience in various projects.** Please also include scanned mark sheets, national exam qualification certificates, and proof of work experience, all uploaded as a single PDF file. The email address is **tecollab.iiserk@gmail.com.** Include the subject line "**Landscape Ecology JRF**".

9. Last date and time for receiving applications: November 28, 2026.

10. Interview: Shortlisted candidates will be called for an online interview.

Terms and Conditions
a) The project is ongoing, and the selected candidates are expected to join immediately after selection.
b) Only highly suitable candidates will be shortlisted for the interviews.