



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) under an ANRF project at IISER Kolkata on the Terai-Duar Savanna and Grasslands Ecoregion

We invite one Junior Research Fellow for landscape ecological analysis in a 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”**, funded by the Anusandhan National Research Foundation (ANRF), Government of India.

The JRF will work with a team and carry out geospatial research in landcover change, climatic change, biodiversity, and carbon cycling, using both empirical data collected in the project and secondary datasets available at regional and global scales. The JRF will be based at IISER Kolkata as the position is for analytical and modelling work, but occasional field visits may be needed. This work will provide an excellent opportunity for research, analyses, 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 any Basic Science or equivalent degree in an engineering discipline. The candidate should be highly motivated and possess a strong foundation and knowledge in Remote Sensing, GIS, and Landscape Ecological Modelling, with the ability to work in Google Earth Engine and write scripts in PYTHON and/or R. The candidate should have a strong academic orientation and should have at least qualified a National Exam such as CSIR/UGC NET-LS, GATE, ICAR-NET, JGEEBILS or equivalents.

5. Desirable Qualifications: Relevant work experience in academia or industry beyond the training obtained in college degrees. Strong communication skills.

6. Duration and Salary: The employment will be for a period of ONE YEAR, which may be extended up to three years with the possibility of an SRF position in the third year based on performance and motivation. The monthly salary is Rs. 45,880/- (Rs. 37,000 + 8,880 (HRA)).

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, and a statement of suitability for the position. 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 “**TDSG JRF**”.

9. Last date and time for receiving applications: August 6, 2025.

10. Interview: Shortlisted candidates will first be called for an online screening interaction followed by a formal online interview.

Terms and Conditions

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