

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Water Resources Development and Management)

Dated: November 27, 2020

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited only from Indian nationals for the project position as per the details given below. The Principal investigator of this project is Prof. Kasiviswanathan KS, Department of Water Resources Development and Management, Indian Institute of Technology, Roorkee.

1. **Title of project:** Agriculture crop water productivity and adaptations to climate change and climate variability in South and South East Asian Countris (Project No. SER-1543-WRC)
2. **Sponsor of the project:** SERB, New Delhi
3. **Project position(s) and number:** JRF – 01
4. **Qualifications:** M.E./M.Tech./MS by research in Water Resources Engineering/ Agriculture Engineering.
5. **Emoluments:** Rs. 31,000 per month
6. **Duration:** Till the end of the project (16 July 2022)
7. **Job description:** Climate change has strongly related with the climatic variability. Climatic variability causes abnormal changes in the temperature and rainfall patterns which in turn related to climatic extremes such as frequent floods and droughts and thus have significant effect on the agricultural production systems. Therefore this study tend to understand the yield gap under projected climate change scenarios and identifying adaptation practices to minimize the impact of climate change.
 - Knowledge of GIS software (e.g. QGIS, ArcGIS);
 - Strong programming skills (e.g. R, Matlab, Python, Fortran)
 - Experience in work with hydrological and/or crop yield models
 - Experience in analysis of large environmental and climate data sets.

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the interview should submit their applications with the following documents to the office of Principal Investigator through email or by post:
 - Cover letter with the motivation to work in this project along with a detailed CV, including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field, and others.
 - Attested copies of degree/certificate and experience certificate.
3. The candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted to the office of Principal Investigator is December 11, 2020, by 5 PM.

Due to the issue of COVID-19, the interview will be held through online mode. The link will be shared for the same close to the interview date.

Approved as modified

Manish

कुलशासक (सिस्टम) IIT Roorkee

SK
27/11/2020

K. S. W.
27/11/2020

(Dr. Kasiviswanathan K S)

Name and signature
of Principal Investigator

Tel: 01332-284914 Fax: 01332-271073

Email: k.kasiviswanathan@wr.iitr.ac.in

*To be uploaded on IIT Roorkee website and a copy may be sent to appropriate addresses by PI for broader circulation.