

## **Research Associate position in aerosol-climate interactions**

### **Background**

Divecha Centre for Climate Change (DCCC), Indian Institute of Science invites application for Research Associate to work on aerosol variability and impact on climate over South Asia. Details about aerosol research at DCCC are available at <http://dccc.iisc.ac.in/research.html>.

### **Total number of positions: 1**

This is a full-time position available initially for 1 year and can be extended depending on the availability of funding and performance of the candidate. Depending on the experience the candidate will be offered either Research Associate-I or II or III.

### **About the role**

The selected candidate will contribute to MoES project on long-term variability of dust over South Asia by analyzing satellite aerosol data as well as model output. Ideally, the candidate should be able to set up Earth system model in the institute supercomputing facility and carry out multiple simulations to study how changes in large-scale climate factors can modulate dust activity over South Asia.

### **Qualifications**

- Research Associate-I: Ph. D  
Research Associate-II: Ph. D + 1 year experience  
Research Associate- III: Ph. D + 2 years' experience
- Demonstrated proficiency in MATLAB/NCL/Python/FORTRAN or similar other languages/software.
- Strong understanding of atmospheric circulation, climate variability and aerosols over the Indian Ocean region.
- Previous experience in climate modelling will be considered as an advantage
- Willingness to work in a large group and support other group members in their research activities.

### **Salary**

Research Associate-I: 47000 + HRA

Research Associate-II: 49000 + HRA

Research Associate- III: 54000 + HRA

### **How to apply**

To apply please send a cover letter, a 2-page CV along with a publication list and names and contact details of at least 2 referees. In addition, applicants are required to send a research statement (within 400 words). All these documents should be sent as a single pdf file to [pbanerjee@iisc.ac.in](mailto:pbanerjee@iisc.ac.in)

### **Application deadline**

30 November 2022