



Zentrale Universitätsverwaltung Abteilung 3 - Personal



1321/2017

Halle (Saale), 10.10.2017

External Open Position Announcement – Registration number: 5-9992/17-D

The Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences I, Institute of Biology offers the following position with Leipzig as job location and a preferred starting date of 1 January 2018:

Research Officer 'Species distribution and integral population models of trees in India'

Part-time: 65%

The position is limited to three years. The salary will be determined up to pay grade 13 TV-L depending on the assigned tasks and personal qualifications.

The position is affiliated to the Spatial Interaction Ecology research group of Prof. Tiffany Knight, and the position will be located at iDiv in Leipzig, Germany.

Requirements/ expected profile:

- University degree in Biology (Diploma/ M.Sc.)
- Specialized in modeling tree populations, in particular based on field research in Southern India
- Experience with collecting demographic tree data and with expert/ stakeholder interviews in remote locations in developing countries
- Experience analyzing demographic and species distribution data using R
- Fluent in English (spoken and written) with excellent communication skills, basic knowledge of German and Telugu is an asset but not required
- Experience working in international teams is an advantage

Tasks/ job description:

- Independent planning, organization and realization of a field study and data collection to be conducted over several years in Andhra Pradesh, India
- Stakeholder surveys (incl. with villagers and ecologists) to identify priority species for conservation and reforestation and GPS coordinates of existing populations
- Data analysis and statistical evaluation of existing data on population trends for priority tree species that support local livelihoods in collaboration with the Foundation for Ecological Security (FES India)
- Species distribution modeling of climate niches of each priority tree species using R
- Initiation of the establishment of forest plots for long-term demographic data collection of data-deficient tree species
- Publication of results
- Participation in mentoring of interns, Bachelor and/or Master students at MLU/UFZ/iDiv and/or in regions where fieldwork is conducted
- Be an active and engaged member of the scientific community at MLU, iDiv and affiliated institutions (e.g., attend seminars, discussions, events)
- The possibility for further scientific training is given, including the independent research for the PhD project 'Species distribution and integral population models of trees in India'

Priority will be given to applicants with severe disability and with equal qualifications. Women are strongly encouraged to submit their applications. For any queries please contact Nina Becker, E-mail: Nina.Becker@idiv.de. Applications should consist of a single .pdf file including (i) a letter of interest, (ii) a brief overview of the skills and experiences that the candidate has that could be applied to this topic (1 page), (iii) curriculum vitae, and (iv) the names and email addresses of two individuals who could provide an evaluation of the candidate upon request.

Please submit your full application dossier only in English and in electronic form with **registration number 5-9992/17-D in the subject line until 24th October 2017** to the above mentioned E-mail address. The interviews are likely to be held at the beginning of November 2017.

The announcement takes place pending any possible budget restrictions. Application expenses cannot be reimbursed by the Martin Luther University.