Karlsruhe Institute of Technology

KIT-Campus Alpin
IMK-IFU: Atmospheric Environmental Research

Institute of Meteorology and Climate Research
Atmospheric Environmental Research (IMK-IFU)

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Karlsruhe Institute of Technology (KIT) – The Research University in the Helmholtz Association creates and imparts knowledge for the society and the environment. It is our goal to make significant contributions to mastering the global challenges of humankind in the fields of energy, mobility, and information. For this, about 9000 employees of KIT cooperate in a broad range of disciplines in research, academic education, and innovation.

The Institute of Meteorology and Climate Research / Atmospheric Environmental Research (KIT/IMK-IFU) at the **KIT-Campus Alpin in Garmisch-Partenkirchen**, Germany, invites applications for a

Research scientist in
Forest resilience to climate change

We are recruiting a new colleague to contribute to our research in the field of forest functioning in climate change. The position is within the Plant Ecophysiology Group (https://ecophys.imk-ifu.kit.edu). We are seeking for a highly motivated and communicative scholar that supports the team's activities in **data analysis** and ecosystem **model development** and takes a lead role in writing scientific publications. The overarching research focus will be on the impacts of climatic extremes on carbon and water fluxes in temperate trees and forests.

We offer a stimulative working environment in a highly collaborative team well connected to national and international networks and research activities. You will have the opportunity to develop your own research profile within the field of forest functioning to climate change. The KIT-Campus Alpin is located at the foothill of the German Alps surrounded by wonderful nature and offers a multi-disciplinary research environment with excellent infrastructure and support. Salary and benefits will be based on the Collective Agreement for the German Public Service Sector depending on experiences. The position is available from beginning of 2024 for 3 years initially with the potential for extension beyond this period.

Qualifications

You will have a PhD degree in a relevant discipline (e.g., Environmental Sciences, Geography, Biology, Physics) with strong skills in programming (e.g., Fortran, C++, Python), data processing and statistical data analyses. Proficiency in ecosystem modelling or forest dynamics are advantageous, but not essential. Experiences in student supervision and grant writing will further complete your profile. Excellent communication skills in English are mandatory, proven also by scientific publications. A basic knowledge of German is an advantage in everyday working life. The willingness to travel and to interact with other researchers and project partners is also required.

Applications

Applications should be submitted as a single PDF document that includes your CV, publication list, a letter of motivation and contact details for 2 referees. The motivation letter should clearly state your previous research experiences and how these relate to the job specifications provided above, including a suggestion of potential research topics you would like to pursue. Please send your full application by **10.01.2024** online via the KIT-Campus Alpin job portal . The position remains open until a qualified candidate is found.

For further information please contact Prof. Dr. Nadine Ruehr (nadine.ruehr(at)kit.edu).

KIT strives to achieve gender balance at all levels of employment. We therefore particularly encourage female candidates to apply for this position. With appropriate qualifications, applications from persons with handicaps are treated preferentially.