

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 mankind 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.

For our **Institute of Meteorology and Climate Research - Atmospheric Environmental Research (IMK-IFU)**, Division of Terrestrial Biogeochemistry, **Campus Alpin in Garmisch-Partenkirchen, Germany** and in cooperation with the Pioneer Center for Research in Sustainable Agricultural Futures (Land-CRAFT), Aarhus University, Aarhus, Denmark, we are looking for a

PostDoc Researcher (m/f/d)

Biogeochemistry of forested wetland ecosystems

Your work is integrated in the EU-funded project LiWeFor (Living labs for Wetland Forest research), which is coordinated by the Tartu Ulikool, Estonia, with KIT and University of Helsinki as partners. The main aim of LiWeFor is to establish and develop a global network of Living Labs of wetland forest research, education and management.

Your task is to supervise and carry out field and laboratory experiments on GHG emissions from forested wetland ecosystems in Estonia, and the tropics (Malaysia, Peru), to develop teaching and training modules on soil process studies and GHG measurements, and to further develop modelling tools to assess environmental impacts of different carbon and nutrient management strategies for temperate and tropical wetland forests for informing stakeholders and policymakers. Furthermore, the position offers space for own scientific activities as well as writing proposals and publications.

You have a successfully completed university degree, ideally with a doctorate in biogeochemistry, environmental sciences (incl. modelling of terrestrial ecosystem C/ N cycles), geography, remote sensing or similar. You like to work in an interdisciplinary team, you are flexible and open to extended times of field work (in Peru, Malaysia, Estonia) and partner institution visits (with main time being spent at Aarhus University). You bring good communication skills, very good knowledge of statistics, and you have experience in publishing in international journals.

We offer you a challenging task in an international, interdisciplinary project with a high degree of independence. Payment will be in accordance with the German public service (TV-L E13). Duration of contract will be 3 years.

Please send your application until 23.12.2022. The position will remain open until a suitable candidate has been found.

The application should include a curriculum vitae, certificates of university degrees, list of publications, description of professional interests and the contact details of two referees. Applications should be sent by email as one pdf-file to **Prof. Dr. Klaus Butterbach-Bahl**, E-Mail: klaus.butterbach-bahl(at)kit.edu
Karlsruhe Institute of Technology, Institute of Meteorology and Climate Research, KIT-Campus Alpin (IMK-IFU), Kreuzeckbahnstr. 19; 82467 Garmisch-Partenkirchen, Germany.

We prefer to balance the number of female and male employees (f/m/d). Therefore, we kindly encourage female applicants to apply for this job. Recognized severely disabled persons will be preferred if they are equally qualified.

Start of application phase: 10.11.2022