GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

At the University of Göttingen -Public Law Foundation-, Abteilung für Bioklimatologie , there is a position as

Research assistant, Ph.D. student (all genders welcome)
Entgeltgruppe 13 TV-L/65%

to be filled. Starting date is 10/17/2022. The position is limited for 3 years.

The successful candidate will join the approved Horizon-project CLIMB-FOREST on the identification of sustainable pathways and management alternatives for European forestry. For this position, she/he will do research on **net CO_2, water vapor, and energy fluxes of forests using micrometeorological measurements.**

What you will do
The project aims to analyze quantify net CO_2, H_2O, and energy fluxes of various forest ecosystems across Europe. Further, the seasonal and interannual variability of the flux exchange and other ecosystem functions, such as photosynthetic capacity and water use efficiency, of these forests will be investigated and related to forest structure (e.g., species composition, age diversity, canopy height) and other ecosystem characteristics (e.g., soil conditions). Moreover, the interrelation between forest structure and resilience to climate extremes will be analyzed. As a PhD candidate, your tasks will include maintenance work at forest study sites in Central Germany, analy-zing and interpreting scientific data (meteorological, eddy covariance, plant physiological, and terrestrial laser scan data) of multiple study sites, data quality assessment and database management, applying modelling approaches of various complexity, presenting results nationally and internationally, and publishing in peer-reviewed journals.

Qualifications you should have
- M.Sc. degree in meteorology, environmental sciences, geoecology, biology, physics, geo-graphy or similar (required)
- Experience with micrometeorological measurements (preferred)
- Experience with data analysis in R, python, matlab, or other relevant programming languages (preferred)
- Skills and interest in working scientifically and quantitatively (required)
- Ability and willingness to perform fieldwork across Germany (preferred)
- Driving license (preferred)
- Proficiency in English (required); German is an advantage

The position is based in Göttingen, Germany.

For any questions, please contact Dr. Anne Klosterhalfen (phone: +49 551 39-26596, e-mail: bioklima-job@uni-goettingen.de). Information about the bioclimatology group can be found at http://www.uni-goettingen.de/bioclimatology.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are underrepresented. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The University is particularly committed to the professional participation of severely disabled employees and therefore welcomes applications from severely disabled people. In the case of equal qualifications, applications from people with severe disabilities will be given preference. A disability or equality is to be included in the application in order to protect the interests of the applicant.

Please upload your application in one pdf file including the usual documents until 8/22/2022 on the application portal of the university using this link: **http://obp.uni-goettingen.de/de-de/OBF/Index/72776**.

Please note:
With submission of your application, you accept the processing of your applicant data in terms of data-protection law. Further information on the legal basis and data usage is provided in the Information General Data Protection Regulation (GDPR)

FAMILIE IN DER HOCHSCHULE
Mitglied des Best Practice-Clubs