

At the University of Göttingen -Public Law Foundation-, DNPW - Abt. Bodenphysik, there is a position as

Research Associate/ PhD student (f/m/d)(all genders welcome)
Entgeltgruppe 13 TV-L/65%

to be filled. Starting date is as soon as possible. The position is limited to three years.

The Department of Soil Physics (Prof. Maier), Department of Crop Sciences, is seeking a highly motivated PhD student for the measurement and modeling of greenhouse gas fluxes in soils. The focus of this position is on the combination of measurement and modeling at the soil profile scale. The aim is to link and study different soil processes, including water and soil gas transport, and plant feedbacks (soil respiration, denitrification, root growth, solubilization and transport processes, methane uptake, and methanogenesis, plant water uptake, root growth, <https://www.uni-goettingen.de/de/forschung+/665454.html>).

A hands-on approach to solving experimental and technical challenges is important. The ideal candidate should have a solid background in soil science and physics, good practical and technical skills, and an affinity for working with data.

Requirements:

- university degree in the natural sciences (M.Sc), (preferably agriculture/ forestry/ geography/ geo-ecology or related)
- motivation to work towards a doctorate
- good physical understanding and interest
- manual and technical skills and at the same time affinity to work with data
- experience with sensors and analyses of soil, water or gas samples.
- interest in field work and field trips; driver's license is a basic requirement.
- good knowledge of written and spoken English, good knowledge of German
- good knowledge of data processing and analysis, advantageous:
 - experience in data analysis with R or SAS or equivalent.
 - initial experience with finite element modeling, time series analysis, Bayesian statistics
- interest in methodological development work, careful independent supervision of experiments

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 4/2/2024 on the application portal of the university using this link: <http://obp.uni-goettingen.de/de-de/OBF/Index/74390>. For more information get in touch with Martin Maier directly via E-Mail: martin.maier@uni-goettingen.de, Tel. +49 551 39 28257 .

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 \(GDPR\)](#)