



Job Announcement

Young, modern, and research-oriented... the University of Potsdam has firmly established itself within the scientific landscape since its founding in 1991. Nationally and internationally renowned scientists teach and perform research here at Brandenburg's largest university. The University of Potsdam is successful in acquiring third-party funds, delivers outstanding performance in technology and knowledge transfer, and has a very service-oriented administration. With about 22,000 students studying at three campuses – Am Neuen Palais, Griebnitzsee and Golm – the University of Potsdam is a prominent economic factor and engine of development for the region. The University of Potsdam has a total of over 3,000 faculty and staff members and is located in one of Germany's most scenic areas.

At the **University of Potsdam, Faculty of Science, Institute of Biochemistry and Biology, the research group 'Biodiversity Research/ Systematic Botany'** invites applications for the following position:

Academic Staff Member (PostDoc)

Requisition No.: 319/2021

The position is available from June 1, 2021. The salary is determined by the collective bargaining agreement for public employees in Germany (TV-L 13). The position is for 40 hours per week (100 % of a full-time contract). This is a temporary position limited to a term of 3 years in accordance with Section 2 subsection 1 of the Fixed-Term Employment Contracts in Science and Research Act (WissZeitVG).

The position is offered within the framework of an interdisciplinary research project (GreenGaDe - Greenhouse Gas Determination in West Africa's Agricultural Landscapes) funded by the German Federal Ministry of Education, BMBF. The GreenGaDe project aims to provide baseline data and predict the evolution of greenhouse gas (GHG) emissions and carbon stocks in the agricultural sector in West Africa. It will specifically use a multidisciplinary approach to build a consistent database at the local and regional level to support West African countries in reducing GHG emissions, and will help build climate change scenarios based on the dynamics of the agricultural sector.

Your tasks:

- Establish a cross-project database structure and ensure uniform recording of GHG emission and carbon pools in different ecosystem compartments (soil, woody vegetation, herbaceous vegetation)
- Compile GHG emission / carbon pool data as well as related environmental data
- Integrate existing data and GreenGaDe results to synthetically analyze (in-) direct effects of climate and land-use change on GHG emissions and carbon dynamics in West Africa's agricultural landscapes

Qualifications:

- Excellent PhD degree in Plant Ecology or a related field with a strong publication record
- Profound theoretical and practical knowledge in the field of Global Change Ecology, preferably with a focus on carbon pool dynamics
- Experience with relational databases (preferably ACCESS)
- Very good knowledge in biostatistics and modern statistical methods (especially multivariate statistics, GLMM and SEM with R)
- Good ability to think conceptually
- Committed and team-oriented
- Excellent knowledge of written and spoken English; good knowledge of French

We offer:

- A stimulating work environment, encouraging you to explore new scientific directions
- A vibrant scientific exchange with national and international researchers
- Participation in an innovative, interdisciplinary and multicultural research environment

We offer you varied and challenging tasks in a dynamic team as well as attractive working conditions. Find out more about the wide range of offers and benefits for our employees on the internet at <https://www.uni-potsdam.de/de/arbeiten-an-der-up/>. For further insights into the University of Potsdam, please visit our homepage at <https://www.uni-potsdam.de/en/>. Prof. Dr. Anja Linstädter will be happy to provide you with further information regarding the job advertisement via e-mail: linstaedter@uni-potsdam.de.

Under the laws of the federal state of Brandenburg, employees under this contract are permitted to dedicate at least a third of their contract time to their own academic qualification.

The University of Potsdam aims to increase the proportion of women in research and teaching and therefore invites qualified female applicants to apply. The University of Potsdam values the diversity of its members and pursues the goals of equal opportunities regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, sexual orientation or identity. In the case of equal suitability, women within the meaning of Section 7 (4) BbgHG (Brandenburg Higher Education Act) and people with severe disabilities will be given preferential consideration. Applications from abroad and from persons with a migration background are expressly welcome.

This position is assigned to the group of academic staff with the possibility of qualification ("habilitation").

Applicants should send their application materials (as one PDF file containing CV, copies of all certificates, motivation letter, contact data of at least two referees), by March 31, 2021 at the latest by e-mail to Ms. Jennifer Kaminski: biodiversity@uni-potsdam.de with the subject line "Academic Staff Member (PostDoc) – 319/2021."

Potsdam, March 9, 2021