



Open Position in savanna eco-hydrology

(TV-L E13, 65%)

We are looking for a new team member for an open position in savanna eco-hydrology within our BMBF-funded German-Namibian research project ORYCS (www.orycs.org). The position will be located at the University of Potsdam, in the research group 'Plant Ecology and Nature Conservation' (see <https://www.uni-potsdam.de/ibb-vegnat>).

The ORYCS Project:

Together with two German and three Namibian Partner institutions, we aim to identify the benefits and risks of alternative wildlife- based land use options in Namibian savanna landscapes. This goal will be achieved using an interdisciplinary approach based on thorough analyses of climate-water-vegetation and wildlife-based land use feedbacks under current and future (climatic) conditions. Thereby we will look at the impact of wildlife- based land use options on key ecosystem services of water provision, carbon sequestration, forage production, biodiversity, tourism and other cultural services.

The open position: Waterfluxes in Namibian savannas across scales

The successful candidate will contribute to ORYCS workpackage 3: "Scale-crossing water fluxes". He/she will assess the inter-relationship between patch utilization by large wild herbivores (from Springbok to Elephant) and vertical water fluxes through the vegetation at different scales. This includes measurements of sapflow, interception, stomatal conductance, water use and functional attributes of different woody species. In collaboration with other researchers/workpackages within the ORYCS project, water fluxes will be upscaled to the landscape scale through remote sensing.

The candidate should bring an excellent MSc in plant ecology, ecohydrology or a related discipline and have excellent oral and written communication skills in English. Applicants should be highly motivated to work in an interdisciplinary and international team and travel to Namibia at least twice a year for several weeks. Ideally, he or she has the following skills or experiences:

- field work under challenging conditions (heat, remoteness, difficult logistics, sometimes physical tasks)
- Eco-physiological measurements on plants (e.g. sapflow measurements, stable isotope methods, scholander pressure chamber)

The fixed-term **position is open as of now for the remaining duration of the project (until January 2022)**. Payment is according to the German public tariff (65% TV-L E13). The position will allow but not require scientific qualifications (i.e. PhD thesis).

For further questions, please contact: PD Dr. Niels Blaum (blaum@uni-potsdam.de) or Dr. Katja Geißler (kgeissle@uni-potsdam.de)

Applications should be submitted via email as single pdf file (<15MB) and include a letter of motivation, a CV, transcripts or degree certificates including grades and proofs of special qualifications. The applicant should further name two potential referees that are capable to appraise the candidate's suitability for the position. The University of Potsdam is an equal opportunity employer and specifically encourages female candidates to apply. Disabled persons will be preferred in case of equal qualification. Please **submit your application to** Dr. Katja Geißler (orycs@uni-potsdam.de). We will start inviting suitable applicants from January 3rd 2020, but will accept further applications until the position is filled.