



Student assistant position available: Plant functional trait measurements & data management

Description:

The [NamTip](#) project aims at gaining a better knowledge on the development of socio-ecological tipping points (TPs), including their ecological and social drivers, and to explore management options for preventing TPs or restoring ecosystems that have passed a desertification tipping point (DTP) or the alternative TP of bush encroachment. Special emphasis is laid on understanding the role of climate change for TP behavior.

The combined effects of drought and grazing on vegetation and especially on forage provision are assessed by means of the research platform 'TipEx', whereby forage quality will be evaluated non-destructively in the lab as metabolizable energy using a lab spectrometer. Similarly, the impact of bush thinning on forage provision will be assessed with the same methodology.

Main tasks:

- Assist in the lab analysis of plant samples via spectrometer measurements
- Leaf sample processing, data input and cleaning

Start and Duration:

- Start: earliest July 2024
- One year (with the possibility to extend)

Please send your application to Prof. Linstädter including a short motivation letter, your CV, copy of your school and BSc degrees, and transcript of records of your BSc and MSc degrees

What we can offer:

- Work in an international research project
- Gain useful experience in lab work and scientific data management

You are interested or have further questions?

Please contact:

Prof. Anja Linstädter
(linstaedter@uni-potsdam.de)

Lisa-Maricia Schwarz
(lisa-maricia.schwarz@uni-potsdam.de)