

Postdoc position (UNIVERSITÄT TÜBINGEN)

Bewerbungsfrist: 31.10.2019

The *Plant Ecology Group* at the University of Tübingen is searching for a **Post-Doctoral Researcher in Ecology**

The position is scheduled for a period of two years. The starting date is negotiable, but an ideal starting time is between January and March 2020.

The candidate is expected to analyse a globally unique experimental dataset about the impact of climate change on processes between the bio- and the geosphere, and to publish the results in high-end journals. Additionally, the candidate will be responsible for maintaining the experiment and for establishing new experiments.

The field experiment, is located along a prominent climate gradient in Chile, ranging from extreme arid to temperate conditions. The project is embedded within the EarthShape programme (SPP 1804 of the German research Foundation- DFG) which is dedicated to studying the impact of biological processes on the geosphere (<https://esdynamics.geo.uni-tuebingen.de/earthshape/index.php?id=129>). Within that project, rainfall has been manipulated in four sites along the gradient for four years, and a multitude of biological and biogeochemical variables have been measured (e.g. plant abundance and performance, microbial abundance and diversity, microbial activity, fossorial animal activity, soil nutrients, soil structure, erosion, weathering, biogeochemical processes).

We are searching for an ecologist with excellent theoretical and practical knowledge in the field and a strongly conceptual approach to science which would enable him/her to integrate data from very different fields. The focus of his/her interests and skills should be on one or more of the following fields: plant ecology, community ecology, biotic interactions, global change biology, theoretical ecology, microbial ecology, biogeochemistry, or molecular ecology.

The candidate should hold a Ph.D. in ecology or a related field. Furthermore, the candidate should have excellent skills in analysing ecological experiments and in writing. Knowledge of English is essential, Spanish may be helpful.

The University seeks to raise the number of women in research and therefore urges qualified women academics to apply for the position. Disabled candidates will be given preference over other equally qualified applicants.

Please send your application including a letter of interest, CV and a list of publications to Prof. Dr. Katja Tielbörger (vegetation@bot.uni-tuebingen.de) to whom also inquiries should be addressed. Please also make sure that two letters of reference will be sent to the above address independently.

The deadline for applications is **October 31, 2019**, or until the position is filled.