



The Department of Geography, Professorship in Hydrology and Climatology, Heidelberg University (Germany) is searching for a

Post-Doctoral Researcher (m/f) (100%)

The position will be paid according to the German pay scale E13 TV-L. It is scheduled for a period of **three years; starting January 1st, 2018** (an extension of the employment after the three years is envisaged).

The position is part of the interdisciplinary research consortium DRiER (*Drought impacts, processes and resilience: making the invisible visible*) which addresses various aspects and interactions during extreme drought and low water events in South-West Germany.

The **role of the Post Doc** in this project will be the combination of field experimental studies with hydrological and hydro-ecological modelling exercises as well as administrative work within the project:

- Supervision of ongoing field experiments as well as the independent design and execution of field studies in the framework of drought research
- Meso- to large-scale hydrological modelling and the analysis of the impacts of historic droughts
- Linkage of the results from the large-scale hydrological modelling with a groundwater model
- Exchange of expertise with project partners as well as the communication with participating stakeholders, authorities, farmers etc.
- The publication of project results

Teaching at the Department of Geography, Professorship in Hydrology and Climatology, is required.

We offer an attractive position in an interdisciplinary, dynamic team which works on highly relevant and recent research fields in hydrology and climatology. Heidelberg University has been successful in the Excellence Initiative by the German federal and state governments. Our comprehensive research university offers to a large extent a stimulating, interdisciplinary and international research environment with many personal development possibilities and advanced training services.

We expect the candidate to hold an above-average PhD in hydrology, physical geography, agricultural-, forest- or environmental sciences or related disciplines. Required are authenticated, extensive attainments in hydrological modelling and research experience within the fields of landscape hydrology, ideally with focus on aridity, drought, low flows and water scarcity. The candidate should be familiar with conducting and analyzing hydrological and micro-meteorological field experiments and feature knowledge of a higher programming language (e.g., Matlab/R, Fortran, C++). We are seeking for an autonomous researcher with skills of independent and goal-oriented working who is at the same time a team player. Excellent communication skills (oral and written) in German and English are premises for the position.

Please send your meaningful application papers (covering and motivation letter, CV with publication list, testimonials, and references) in an e-mail with a single .pdf document to:

Department of Geography, Professorship in Hydrology and Climatology, irmgard.barnes@uni-heidelberg.de

Any inquires with regard to the position and the project can be addressed via e-mail to: Prof. Dr. Lucas Menzel, lucas.menzel@uni-heidelberg.de

The review of arriving application papers starts immediately and will be terminated as soon as a suitable candidate has been identified. The University seeks to raise the number of women in research and teaching and

therefore urges qualified female academics to apply for these positions. Disabled candidates will be given preference over other equally qualified applicants.