

**PhD position (UNIVERSITÄT AUGSBURG)**

**Bewerbungsfrist: 31.05.2019**

The *Institute of Geography* at the University of Augsburg, Germany offers

**a Ph.D. position focussing on impacts of climate change on the erosion potential of agricultural corps.**

This position is available as of 1 July 2019 or as soon as possible. The position is fully funded for three years and salary follows the regulations of “Entgeltgruppe” TV-L 13 (half-time, 50%).

Climate change influences the erosion potential of crops with rather complex interactions as it changes the seasonal distribution of erosive rains, the crop development and the timing of agricultural practices. The successful candidate will analyse large regional data sets to evaluate the spatio-temporal changes that occurred during the past five decades, use geostatistics and modelling to quantify the effects on erosion and to develop planning tools.

The successful candidate should be fluent in German because major data sources are in German and the position is moreover connected to teaching undergraduate courses in German. Strong skills in data analysis (R) and a background on a master level in Agricultural Science and/or Geosciences is required. The candidate will be supervised by Prof. Dr. Peter Fiener, University of Augsburg, and Prof. Dr. Karl Auerswald, Technical University of Munich, contributing the background in Physical Geography and Agricultural Science.

The University of Augsburg promotes the professional equality of women. Female candidates are explicitly invited to submit their application. The University of Augsburg stands up for compatibility of family and professional life. For more information, please contact the office of the representative for female employees. Severely disabled applicants are given preferential consideration in the event of equal qualification.

To apply please send a letter of motivation, CV, scans of bachelor and masters certificates, and names of two referees, as a single pdf-file as soon as possible or by 31 May 2019 at latest to: Prof. Dr. Peter Fiener (fiener@geo.uni-augsburg.de).

Review of applications will begin immediately and continue until the position is filled.