starting July 2017 at the Collaborative Research Center 806 “Our Way to Europe – Culture-Environment Interaction and Human Mobility in the Late Quaternary” at the University of Cologne (subject to the positive decision of the German Research Foundation). The contract will be funded for 4 years with a weekly working time of 39,80 (full-time position). Payment is based on the German TV-L E13 scale if terms and conditions under collective bargaining law are fulfilled.

We plan to further comprehensively develop a regional climate model and apply the model to generate high-resolution regional palaeo-climate data for studies on human existence under glacial and interglacial conditions. Parallel to the modelling effort, palaeo-climate reconstructions using statistical models for terrestrial proxies will be carried out. By means of regional palaeo-climate simulations and statistical analysis of proxy data, we estimate the probability of the climate variables relevant to human existence and analyze the boundaries of human existence both in phase space and physical space.

The Postdoctoral Research Fellow plays a pivot role in the project and is expected to be an experienced scientist charged with the scientific collaborations with the other CRC sub-projects and external co-operators. He/she is expected to analyze the PMIP3/PMIP4 data and conduct regional model runs to study climate variability and associated human mobility/dispersal. He/she will support the PIs in supervising the PhD research programs. Qualified candidates with PhD degree in meteorology, physics, mathematics and/or computation are encouraged to apply. Excellent skills in scientific programming and scientific writing are essential.

The University of Cologne is an equal opportunities employer. Applications of women are especially encouraged. Disabled candidates will be given priority in case of equal professional qualification.

Interested candidates should send the application package (CV; cover letter describing background, training and research interests; certificates; contact information of two references) as a single PDF to Dr. Sven Ulbrich (sulbrich@uni-koeln.de) not later than 15 June 2017.

For more information: Prof. Yaping Shao, Institute for Geophysics and Meteorology, University of Cologne, Pohligstr. 3, 50969, Cologne, Germany. Email: yshao@uni-koeln.de Tel: +49(0)221 470 3688; Fax: +49(0)221 470 5161

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