**PhD Position in Soil Science**

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 23.90 (60% position). Payment is based on the German TV-L E13 scale if terms and conditions under collective

**Assignments:** The PhD position is embedded in the research project “Black carbon as indicator for human environment interactions in the last 190,000 years”. The PhD topic focusses on reconstruction of past fire events on Our Way to Europe. Samples from archaeological and lake sediments will be investigated for chemical signatures of fires and land use (faecal markers). Lab results shall be combined to maps of fire use and human dispersal using modelling approaches (in cooperation with colleagues within and outside the CRC).

**Requirements:** Qualified candidates should hold a Master degree in Soil Science, Geoscience or environmental studies. Experience in lab work, especially wet chemistry and gas chromatography, and interest in palaeoenvironmental modeling and archaeology is required. Applicants should also show willingness to engage in intensive interdisciplinary cooperation within the Collaborative Research Center. Basic knowledge of German is recommended but not required.

The University of Bonn is an equal opportunities employer. Applications would be particularly welcome from disabled people who may meet the job requirements and will be preferred under provision of equal qualification. Female scientists are strongly encouraged to apply and will be preferred in the case of equally well-qualified candidates.

Interested candidates should send their application (CV; cover letter describing background, training and research interests; certificates; contact information of three referees) as a single PDF to Dr. Eva Lehndorff (eva.lehndorff@uni-bonn.de) not later than 28 May 2017 (identification for this position is **Fire**).

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