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Announcement:

As part of the DFG-funded project Response of Early Jurassic (Pliensbachian-Toarcian) benthic marine faunas from south-western Europe to temperature- related stresses, a PhD student position is opened to reconstruct and interpret the ecological and evolutionary dynamics of benthic macroinvertebrate assemblages across the early Toarcian warming/extinction event. This will be approached by combining fieldwork-based geochemical proxy data and quantitative occurrence data of bivalves and brachiopods, which represent a broad ecological variety of life habits, feeding modes, body size, and mobility levels. Applying physiological principles as the bridging concept we evaluate the relative role of abiotic factors (extreme temperatures, reduced oxygenation, acidification) as drivers of ecosystem degradation and recovery.

Requirements:

Master's degree (or equivalent) in biology, palaeontology or earth sciences.
Knowledge of the taxonomy and ecology of marine invertebrates, preferentially fossil bivalves and brachiopods. Experience in methods of multivariate faunal analysis. Experience in field work. Ability to work independently as well as to contribute to a working group environment. Proficiency in English. Additional qualities may include prior experience with R, basic knowledge of sedimentology and isotope geochemistry, and a scientific publication record.
Knowledge of German is beneficial, but not required. The purpose of the position is research training leading to the successful completion of a PhD degree.

Applications should take the form of a cover letter plus resume/CV including name and contact information for two references. Please send these to recruiting@mfn-berlin.de <<mailto:recruiting@mfn-berlin.de>> (you may cc martin.aberhan@mfn-berlin.de <<mailto:martin.aberhan@mfn-berlin.de>>) with '29/2016' in the subject line by 27th May, 2016.

The official announcement for this post may be found here:
<http://www.naturkundemuseum.berlin/de/jobs-und-karriere/stellenausschreibungen/wissenschaftlicher-mitarbeiterin>

This project is part of the DFG Research Network TERSANE (Temperature-Related Stresses as a Unifying Principle in Ancient Extinctions):

<https://www.gzn.fau.de/palaeoumwelt/tersane/>
<<https://www.gzn.fau.de/palaeoumwelt/tersane/>>