

Post-Doctoral Researcher

The MARUM - Centre for Marine Environmental Sciences at the University of Bremen, is offering (under the condition of job release)

One post-doctoral Researcher for 3 years

Salary group 13 TV-L / full-time position

MARUM provides an ideal environment for postdoctoral researchers to become excellent in their field of expertise and to develop their personal skills to further their career. The Research Faculty offers plenty of opportunities for transdisciplinary exchange and collaboration across different disciplines in marine sciences. Postdoctoral researchers can make use of coaching and mentoring offers as well as a dedicated course and training programme.

The Cluster of Excellence “The Ocean Floor – Earth’s Uncharted Interface” is part of the Research Faculty MARUM. Within the project **Ocean Floor as RECORDER**, the work for the position lies in the general area of Paleoceanography/climatology – Earth System sensitivity.

Specific duties will include:

1. Conduct a research programme to enhance our understanding of general Earth System Sensitivity (time and timescale-dependent forcings and feedbacks between temperatures and greenhouse gas concentrations over long geological timescales involving long-term carbon cycle feedbacks)
2. Measurements of paleotemperatures from established and new temperature proxies (Mg/Ca, stable and clumped isotope systems).
3. Applying numerical skills to support work in the associated Earth System Modelling Enabler group.
4. Presentation of the results at international conferences and in peer-reviewed journals
5. Writing of project reports

Your profile:

- A completed doctoral degree in Earth/Geo Sciences Geosciences or similar
- Knowledge/interest in paleoclimatology, paleoceanography and marine biogeochemical cycles and ecosystems
- Experience in paleoceanographic laboratory and measurement techniques
- Strong numerical skills and familiarity with modelling methods
- Excellent English language skills
- Joy in working in an international and interdisciplinary team

The earliest starting date is July 1st, 2019. The position remains vacant until filled.

MARUM has developed into an internationally recognised centre for marine research with a focus on the geosciences, anchored at the University of Bremen.

The University of Bremen follows a diversity strategy. It strives to increase the number of women in the academy and strongly encourages applications from suitably qualified female candidates. International applications and applications of academics with a migration background are explicitly welcome. Disabled persons with the same professional and personal qualifications will be given preference.

We look forward to receiving your application either in German or in English with the usual documents until the **June 16th, 2019**. Please send your application under the reference number **A148/19** to:

Universität Bremen
MARUM
Prof. Dr. Heiko Pälike
Leobener Str.
D-28359 Bremen

or by Email to: hpaelike@marum.de