

MARUM - center for marine environmental science at Bremen University is looking for:

A postdoctoral research scientist (f/m/d)

salary scale (German) 13 TV-L (100% FTE)

temporarily limited for 3 years, until 31.08.2027 at the latest (according to § 2 WissZeitVG).

Job description

The research group Micropalaeontology and Palaeoceanography at MARUM invites applications for a postdoctoral position investigating the response of marine biodiversity to climate change on long time scales with the ultimate goal to use this knowledge in the design of climate-smart marine protected areas. Working within a large interdisciplinary consortium, the candidate will analyse existing compilations of microfossil abundance time series and generate new data from marine sedimentary records on Quaternary planktonic foraminifera biodiversity dynamics. The consortium in which the project is embedded includes experts in theoretical ecology, modelling and social science. It aims to advise the German federal government on the protection of marine biodiversity outside national jurisdiction. Knowledge transfer into the policy sphere is thus a key component of the project and the candidate is expected to actively contribute to this process.

Requirements

- Completed scientific university degree (master's degree/university diploma or comparable) in Earth or Life Sciences or a related subject area
- A doctoral degree (PhD) in the (palaeo)ecology or micropalaeontology or related fields
- Knowledge of macroecological principles and methods
- Experience with the analysis of micropalaeontological and/or palaeoceanographic time series, ideally with emphasis on planktonic foraminifera
- Experience with scientific programming (R or equivalent) and affinity to work with large, complex datasets
- Applicants should have excellent English language skills and enjoy working in an international and interdisciplinary team

General information

MARUM (www.marum.de) has developed into an internationally recognised centre for marine research with a geoscientific focus, which is anchored at the University of Bremen. MARUM aims to support its PostDoc scientists in their professional development and personal fulfilment in order to advance their independent research as well as their professional and academic careers (<https://www.marum.de/en/education-career/postdocs.html>).

Open to unconventional approaches in research and teaching, the University of Bremen has retained its character as a place of short distances for people and ideas since it was founded 50 years ago. With a broad range of subjects, we combine exceptional performance with great potential for innovation. As an ambitious research university, we stand for the approach of research-based learning and a pronounced orientation towards interdisciplinarity. We actively organise scientific cooperation worldwide in a spirit of partnership.

Today, around 23,000 people learn, teach, research and work on our international campus. In research and teaching, administration and operations, we are firmly committed to the goals of sustainability, climate justice and climate neutrality. Our Bremen spirit is expressed in the courage to try new things, in supportive cooperation and in respect and appreciation for one another. With our study and research profile and as part of the European YUFE network, we assume social responsibility in the region, in Europe and the world.

The University of Bremen is family-friendly, diverse and sees itself as an international university. We therefore welcome all applicants regardless of gender, nationality, ethnic and

social origin, religion/belief, disability, age, sexual orientation and identity.

The University of Bremen endeavours to increase the proportion of women in the academic field and therefore expressly encourages women to apply.

Disabled persons with essentially equal professional and personal qualifications will be given preferential consideration.

If you have any questions, please contact Lukas Jonkers or Michal Kucera (ljonkers@marum.de; mkucera@marum.de).

Please send your application (Cover letter, CV, at least two letters of recommendation and copies of your degree certificates) with reference to **job advertisement number A249-24** by **22.08.2024** as a single PDF file by e-mail to bewerbung-a24924@marum.de or by mail to

Universität Bremen
MARUM – Zentrum für Marine Umweltwissenschaften
Lukas Jonkers
Kennziffer: A249-24
Leobener Str. 8
28359 Bremen

We kindly ask you to send us only copies (no portfolios) of your application documents, as we cannot return them. They will be destroyed after the selection process has been completed. Application costs cannot be reimbursed.