The MARUM - Center for Marine Environmental Sciences at the University of Bremen, is offering (under the condition of the grant by the funding party and of job release) at the earliest possible date:

**One Ph.D. position (f/m/d) for 3 years**

**Salary group 13 TV-L (66.6 %)**

The employment is fixed-term and governed by the Act of Academic Fixed-Term Contract, §2 I Wissenschaftszeitvertragsgesetz – WissZeitVG. Therefore, candidates may only be considered for appointment if they still have the respective qualification periods available in accordance with § 2 (1) WissZeitVG.

At MARUM Ph.D. students are supervised by a team of experienced scientists. Additional training and support are offered by the Bremen International Graduate School for Marine Sciences, GLOMAR. These offers include expert as well as skills and methods courses, coaching, networking opportunities, and the opportunity to compete for internal funds. At MARUM, Ph.D. students acquire expert knowledge in their field and a solid background across many disciplines of marine sciences.

The work for the position lies in the general area of stable-isotope paleoceanography. One overarching goal of this Ph.D. project will be the development of high-resolution Miocene-to-recent XRF-derived elemental and δ^{13}C, δ^{18}O and Δ_{47} isotopic time-series to determine the onset of Tasman Leakage in the Indian Ocean.

Specific duties will include:

1. Preparation of foraminifera from marine sediment samples.
2. Preparing and carrying out stable isotope geochemistry analyses.
3. Constructing robust age-depth models according to the principles of Integrated Stratigraphy.
4. Interpreting paleoceanographic proxy series in terms of past ocean dynamics.
5. Presentation of research results at international conferences.
6. Publication of research results in peer-reviewed international scientific journals.
7. Opportunity for scientific qualification in the context of a PhD degree.

Your profile:

- A completed MSc degree, preferably in the Geosciences and/or Chemistry.
- Experience in marine science and an interest in geochemical laboratory methods.
- Experience in the interpretation of stable isotope geochemistry and/or elemental geochemistry results.
- Experience in stratigraphic techniques and the construction of age-depth models.
- Applicants should have excellent English language skills and enjoy working in an international and interdisciplinary team.

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 in English (CV + cover letter). **Review of applications will start on August 24, 2020, and the position remains open until filled.**

Applications should be sent with the reference number A190/20 until 23 August 2020 to:

Dr. David De Vleeschouwer  
MARUM  
Universität Bremen  
Postfach 33 04 40  
D-28334 Bremen

or by email to: ddevleeschouwer@marum.de