

## Job announcement (Geo 04/2020)

The Department Marine Geology of the Leibniz Institute for Baltic Sea Research Warnemünde (IOW) offers a full-time (40 hrs/week)

### PostDoc position

at the earliest convenience. Remuneration is paid in accordance with the TV-L salary scale at level EG 13 monthly gross salary. Part time employment (min. 30 hrs/week) is possible. The employment is temporary for 2 years.

The **IOW** is an independent institute of the Leibniz Association, engaged in system analysis of coastal and marginal seas, with special focus on the Baltic Sea. The scientists of the four departments (Physical Oceanography and Instrumentation, Marine Chemistry, Biological Oceanography and Marine Geology) cooperate within the framework of a joint research program.

**Background.** IODP Expedition 383 drilled, for the first time, long (late Miocene to recent) and continuous sedimentary sequences from the southeastern Pacific at the Drake Passage entrance to study atmosphere-ocean dynamics of the Antarctic Circumpolar Current (ACC) in the Pacific, and their implications for regional and global climate and atmospheric CO<sub>2</sub>. The investigations take place in close cooperation with the Alfred Wegener Institute for Polar and Marine Research and other international research groups.

**Tasks.** This Postdoc project will generate long paleoceanographic reference records that will allow us to explore in detail the glacial–interglacial changes and longer-term climate evolution in the subantarctic ACC. We will focus on key organic biomarker records of sea surface temperatures, continuously reaching back to the late Miocene. The establishment of these reference time series requires close cooperation between international working groups to ensure the merging of results and the agreement on certain measuring methods.

**Requirements.** We are looking for an excellent, enthusiastic researcher that enjoys working in an international scientific team with various paleoceanographic/paleoclimatic methods on joint research questions. She/he will develop and apply mainly paleotemperature proxies based on organic geochemical biomarker methods. Candidates should hold a very good PhD in geosciences. Proven expertise in organic geochemistry and paleoenvironmental biomarker applications as well as an excellent command of English language, in both written and spoken, and teamwork skills are compulsory.

## Application period ends October 31 2020

Applicants are kindly asked to send their complete applications (Cover letter, CV, copies of certificates, references and description of relevant experiences, list of publications) quoting the code **Geo 04/2020** until **31.10.2020** to:

[bewerbung.geologie@io-warnemuende.de](mailto:bewerbung.geologie@io-warnemuende.de)

or  
Leibniz Institute for Baltic Sea Research Warnemünde  
Dept. Human Resources  
Seestraße 15, D-18119 Rostock, Germany

## The interviews take place on November 23 2020

The limitation is based on § 2 I WissZeitVG. If the applicant has not yet been employed at the IOW, a fixed-term position can also be set according to § 14 II TzBfG.

Applications of disabled persons with equal professional and personal qualification will be treated preferentially. Please indicate a handicap in the cover letter and enclose the relevant certificate.

The job advertisement is aimed at all persons regardless of their gender. The IOW promotes equal opportunities and has been awarded for the third time in a row the Total Equality Certificate in 2019. An overview of our equal opportunities measures and to improve the compatibility of work and family can be found at <https://www.io-warnemuende.de/equal-opportunity.html>.

Applications of female candidates are expressly encouraged and will be treated preferentially in case of equal qualifications and suitability in departments underrepresented by females.

The Leibniz Institute for Baltic Sea Research offers a varied work in the immediate vicinity of the Baltic Sea. Interdisciplinary research topics on the Baltic Sea ecosystem, broad in-house expertise in physical, chemical and biological oceanography, and marine geology, state-of-the-art-laboratory equipment and infrastructure together with modern facilities provide an excellent framework for best research conditions.

Application and travel costs cannot be reimbursed.

For further information, please contact:

Prof. Dr. Helge Arz ([helge.arz@io-warnemuende.de](mailto:helge.arz@io-warnemuende.de)) or Dr. Jerome Kaiser ([jerome.kaiser@io-warnemuende.de](mailto:jerome.kaiser@io-warnemuende.de))

or visit our website: <https://www.io-warnemuende.de/marine-geology.html>