

Job posting (GEO o8/2024)

The Leibniz Institute for Baltic Sea Research Warnemünde (IOW) is offering a

PhD position in the Marine Geology department

to be filled from 01.03.2025 for a time period of 3 years and a percentage of 75% (30h/week), subject to final funding decision. Remuneration is paid in accordance with the TV-L salary scale, level EG 13.

Who are we?

The IOW is an independent research institute of the Leibniz Association for which equal opportunities, family friendliness and work-life balance are very important. Our research focus is on the coastal and marginal seas, especially the Baltic Sea. The staff of the four sections Physical Oceanography and Instrumentation, Marine Chemistry, Biological Oceanography and Marine Geology works interdisciplinary within a joint research programme.

What will be your tasks?

The wealth of well-preserved submerged archaeological sites of Holocene hunter-gatherer-fisher communities in the SW Baltic Sea is an outstanding characteristic of the region. Detailed geophysical surveys of such areas have the potential to reconstruct landscapes on a microregional scale and help to define preferred zones of Stone Age inhabitation and thus optimal zones for archaeological exploration.

The PhD position is within the framework of the European synergy grant project SUBNORDICA funded by the European Research Council (ERC). The project investigates drowned landscapes in the North Sea and the Baltic Sea. It combines expertise from the Universities of Bradford (UK) and Aarhus (DK), the Museum Moesgaard (DK), the Lower Saxony Institute for Historical Coastal Research (D) and the Leibniz Institute for Baltic Sea Research Warnemünde (D) as well as further European partners.

The PhD position will investigate the drowned landscapes surrounding submarine archaeological sites in the SW Baltic Sea. The research objective is to reconstruct the topography of different paleolandscapes on the basis of geophysical data (seismic, multibeam echosounder, side scan sonar) and to interpret them with the help of archaeological and geological data.

What do we expect from you?

You have a university degree (Diploma, Master) in geology, geosciences or related fields with a focus on marine topics. You have a background in marine hydroacoustic and a strong interest to integrate archaeological and geological research questions in your work. Knowledge of the evolution and stratigraphy of the south-western Baltic Sea are expected. Experience with sediment core data is an advantage. You have very good oral and written English language skills and enjoy working in interdisciplinary and international teams. A close cooperation with the Lower Saxony Institute for Historical Coastal Research (NIhK) and further members of the consortium including regular personal travel are understood. Experience with ship-based expeditions and the willingness to participate in research cruises within the project are desirable.

What does the IOW offer?

The IOW offers you a varied workplace in the immediate vicinity of the Baltic Sea ([Work at sea](#)) with flexible working arrangements, e.g. the possibility of working from home or remotely. A very good infrastructure with modern laboratory and office equipment, including on our own research vessel, form the framework for the best working conditions.

How do we promote equal opportunities?

Our job offers are aimed at all people regardless of their gender. Research benefits from a diverse working environment, which is why we have signed the Diversity Charter.

IOW aims to specifically promote women in areas where they are underrepresented. For this purpose, the institute has given itself a plan to promote equality ([plan for the equal opportunities committee at the IOW](#)) and has repeatedly been awarded the Total E-Quality award for its commitment ([website TOTAL E-QUALITY e. V.](#)). You can find an overview of our measures for equal opportunities and for improving the compatibility of work and family on our [website](#).

We give preference to applications from disabled persons with equal professional and personal suitability. Please mention the disability or equality in your letter of application and enclose a copy of the relevant certificate.

How to apply?

Please send us your application documents including your CV, a short letter of motivation (1 page), a summary of your Master's thesis (1 page), your Master's certificate and the courses you have completed, as well as the contact details of any references (max. 3).

We look forward to receiving your application by **29.12.2024**, quoting the keyword **Geo 08/2024**

to

bewerbung.geologie@io-warnemuende.de

or

Leibniz Institute for Baltic Sea Research Warnemünde

Human Resources Department

Seestraße 15

18119 Rostock, Germany

The interviews are expected to take place on **10.01.2025**.

Unfortunately, we cannot cover your application and travel costs.

For further information, please contact:

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