Job announcement (GEO 01-2021)

The Department Marine Geology at the Leibniz Institute for Baltic Sea Research Warnemünde (IOW) is offering, subject to the approval of the funding body, a full-time (40 hrs/week) position of a

Research Scientist (PostDoc) (*gn)

for three years in the framework of the BMBF project COOLSTYLE, starting at April 1st, 2021. Remuneration is paid depending on the individual qualification and in accordance with the TV-L EG 13. The position is also suitable for part-time employment with at least 30 working hours per week.

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

Job description

The position is part of the BMBF project COOLSTYLE "Carbon storage in German Coastal Seas - Stability, vulnerability and perspectives (CARBOSTORE)". In collaboration with seven national partner institutions the stability and vulnerability of different carbon reservoirs will be investigated in the German coastal waters of the North- and Baltic Sea. The anthropogenic pressure on coastal ecosystems and the climate change-induced stress has the potential to change the biogeochemistry of ecosystems. In this project we aim to investigate if and to which extend carbon storage was or is impacted.

In particular, the tasks of the successful candidate include:

- Preparation, participation and follow-up activities of marine research surveys
• The successful candidate is responsible for the (isotope) biogeochemical investigation and evaluation of the role of sediments and internal water-column processes for the (trans)formation of carbon substances

• Responsibility for sampling of water column, sediments and pore waters for isotopic and geochemical analyses and conduction of incubation experiments

• Responsibility for isotope (bio)geochemical analysis of the samples in the laboratory, and their interpretation.

• Preparation of manuscripts and reports

**Necessary qualification of the candidate**

• Successful PhD thesis in the field of marine (bio)geochemistry or marine chemistry

• Experience in collecting, processing and interpreting biogeochemical data from ship-going expeditions

• Experience with sampling for and (isotope) geochemical laboratory analysis

• Proven ability of scientific writing

• Willingness and ability to work at sea

**Preferable additional qualifications**

• Experience with sediment and benthic chamber incubations

• Experience in interdisciplinary projects with biogeochemical and/or (micro)biological components

**Application deadline is 28.02.2021**

Applications should include CV, motivation letter with statement of suitability for the position, list of publications, copies of certificates, the names of at least two references, and description of relevant experiences.
Applications should be submitted, quoting the reference code GEO-01/2021 no later than 28.02.2021 to:

bewerbung.geologie@io-warnemuende.de or

Leibniz-Institut für Ostseeforschung Warnemünde
Dept. Human Resources
Seestrasse 15
D-18119 Rostock
Germany

Applications of disabled persons with the same 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 (*gn). The IOW promotes equal opportunities and was awarded the Total Equality Award (TEQ) regularly since 2013. An overview of our measures to equal opportunities 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 particularly encouraged and will be treated preferentially in case of equal qualifications and suitability, as the post to be filled belongs to a structural unit in which women are underrepresented.

The Leibniz Institute for Baltic Sea Research offers a varied workplace 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, as well as state-of-the-art laboratories and a very good infrastructure provide the framework for the best research conditions.

Unfortunately, application and travel costs cannot be reimbursed.
For further information, please contact Prof. Dr. Michael Böttcher (michael.boettcher@io-warnemuende.de) and visit our website: www.io-warnemuende.de