

Job posting (STB 01 /23)

The Leibniz Institute for Baltic Sea Research Warnemünde (IOW) offers a temporary vacancy as

PhD position in Marine Chemistry

for a period of 3 years and a percentage of 75% (30 h/week), envisioned to start at the earliest possible date. Remuneration is paid in accordance with the Tarifvertrag für den öffentlichen Dienst der Länder (TV-L , Public Sector Collective Agreement on Länder) salary scale at level 13 TV-L EG13. The position is to be filled on a flexible part-time basis.

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 offered position is part of the new research focus “Shallow Water Processes and Transitions to the Baltic Scale” which will be established at IOW. In this framework, the physical and biogeochemical variability of shallow coastal waters is examined holistically from different angles.

The nearshore Baltic Sea is strongly impacted by organic pollutants which are mainly introduced through rivers, yet little is known about their fate and the transport from the coast to the open Baltic Sea. This project aims at elucidating the role of natural organic matter in the cycling and distribution of organic pollutants. All investigations are embedded in the additional work packages of the research focus.

The position includes the following tasks:

- Design of a sampling strategy tailored to research question, execution of fieldwork and respective laboratory incubations
- Processing of seawater samples via solid phase extraction
- Implementation of spectroscopic methods for natural organic matter characterization

- Application of chromatographic-mass spectrometric methods (LC-MSMS) for the quantification of organic pollutants
- Data analysis using tailored statistical approaches
- Dissemination of results in peer reviewed science outlets and at scientific conferences

What do we expect from you?

- University degree in Chemistry, Environmental Sciences, Chemical Oceanography, or related fields
- Basic knowledge of instrumental analytics and ideally first hands-on experience
- Basic knowledge in data analysis and statistical methods
- Interest in developing new chemical-analytical methods
- Independent project management
- Good communication and writing skills in English language
- Ability and willingness to work in the field

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 company health management system and qualification opportunities for the English/German language. 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 ([Women's Promotion Plan of the IOW](#)) and has repeatedly been awarded the Total E-Quality award for its commitment ([website TOTAL E-QUALITY e. V.](#)) Female applicants are given preference as the position belongs to a department in which women are underrepresented. 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 specify 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 with cover letter, CV, copies of your certificates, description of relevant activities and experiences, a text written by yourself in English language (e.g. Master Thesis), additional certificates as well as references names or letters of recommendation.

We look forward to receiving your application, quoting the

keyword: STB 01/23

by 31.03.2023

to:

bewerbung@io-warnemuende.de / bewerbung.chemie@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 at the 25th of April 2023.

Unfortunately, we cannot cover your application and travel costs.

For further information, please contact:

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Dr. Marion Kanwischer, marion.kanwischer@io-warnemuende.de