

Job announcement (BIO 09/2020)

The Department Biological Oceanography of the Leibniz Institute for Baltic Sea Research Warnemünde (IOW) is recruiting, subject to the approval of the funding body, a full-time (40 hrs/week)

Research Scientist (Post Doc)

The employment in the “Blue Estuaries” project is temporary and will start 11/01/2020 and continue until 10/31/2023. Remuneration is paid in accordance with the TV-L salary scale at level EG 13 monthly gross salary. Part-time work is possible with at least 30 hours/week.

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.

Estuaries are under high pressure of use and are contaminated with pollutants and nutrients from rivers and inputs from direct sources of pollution such as ports and industry. In addition, they have to cope with long periods of heat, falling water levels and other consequences of climate change. Sustainable management of estuaries urgently needs a clear scientific basis. In the joint project "Blue-Estuaries" (Sustainable estuary development under climate change and other stressors) with 6 partners, the work focuses on marine life along the gradients in the estuaries of the rivers Oder and Elbe.

Specifically, the project will create a data base through fieldwork and expeditions, review existing data and assess the ecological status and food web structure using a broad range of methods. The aim is to identify "set screws" that will facilitate management in the future.

Job description

You are responsible for studying nutrient turnover in the estuaries and will collect water and sediment samples along the Elbe and Oder rivers and examine nutrients and sediments for their nitrogen isotopes to assess current and past eutrophication levels. Nitrogen turnover experiments will be carried out with project partners. Moreover, you will perform network analyses using your own data and data from other groups to derive and identify critical variables for the functioning of an estuary. In addition, you will support the coordination and take over organizational tasks.

Qualifications

You have a PhD in marine biology, marine chemistry or similar fields and you have demonstrable experience with the planning and performance of field and experimental work. Fitness for working at sea and willingness to participate in sea-going research expeditions are also a prerequisite. Experience with stable nitrogen and carbon isotope ecology is a plus. Knowledge on cycling of matter in the estuaries and in nitrogen in particular is helpful. You have very good oral and written communication skills in English, good interpersonal skills, and are comfortable working in a team. Scientists who have recently completed a PhD thesis with excellent results and meet the requirements listed above are particularly encouraged to apply. In this case, the quality of the publications submitted to fulfill the PhD thesis requirements will be evaluated as one of the criteria during the selection process. Finally, you have a strong interest in the interdisciplinary collaboration with physical oceanographers and marine chemists.

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 **BIO 09/2020** until **September 25th 2020** to:

bewerbung.biologie@io-warnemuende.de or

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

The interviews are expected to be in the first week of October 2020.

Applications of disabled persons with 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. 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, as the posts to be filled belong to structural units in which women are underrepresented.

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. Maren Voss, maren.voss@io-warnemuende.de or visit our website: www.io-warnemuende.de