

## Job announcement (Bio 10/2020)

The Leibniz-Institute for Baltic Sea Research Warnemünde (IOW) offers a part time fixed term

### Post-doc position (data analysis of microbial communities)

starting on **January 1<sup>st</sup>, 2021 (20 hrs/week)** within the department of Biological Oceanography. The position is assigned to the project "DAM pilot mission - MGF-Ostsee: Conflicts of the exclusion of mobile bottom fishing in marine protected areas". The payment will be **EG13** according to the German TV-L. The contract duration is limited to 26 month, but the position can also be filled differently (e.g. for 17 months 30 hrs/week) within the given project framework.

The IOW is an independent institute of the Leibniz Society with a research emphasis on coastal and marginal seas in general and the Baltic Sea in particular. The scientists of the four departments (Physical Oceanography and Instrumentation, Marine Chemistry, Biological Oceanography and Marine Geology) are working interdisciplinary within a common research program and with the support of a special working group for the development of new technologies.

#### Job description

In the interdisciplinary MGF-Ostsee project, funded by the German Alliance for Marine Research (DAM), a consortium of scientists from seven German institutes investigate the development of benthic organism communities, sediment structures and material flows in the Natura 2000 areas in the EEZ of the Baltic Sea after the exclusion of the mobile bottom fishing. The advertised position is part of the Microbial Ecology working group (head: Prof. K. Jürgens).

The major task of this position is the analysis of DNA sequence data (metagenomics, taxonomic marker genes) in order to assess the composition and function of microbial communities (prokaryotes and microbial eukaryotes) in Baltic Sea sediments.

### Qualifications

- Doctorate in natural science (biology, bioinformatics, etc.)
- Basic knowledge of marine ecosystems and microbial communities
- Knowledge and experience in the analysis of metagenomes (including assembly from short reads and annotation of functional genes) and "amplicon sequencing" data
- Experience in processing and evaluating large data sets
- Proven ability to write reports and scientific articles as well as in scientific presentation

Applicants are asked to send their complete documents (cover letter, curriculum vitae, copies of certificates, description of relevant activities and experiences, any certificates, list of publications and project reports, references) stating the code **Bio 10/2020, by October 19<sup>th</sup>, 2020** to:

[bewerbung.biologie@io-warnemuende.de](mailto: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 take place between **November 3rd and 6th, 2020 (most probably 6th Nov. 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.

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 costs cannot be covered. We would like to note that confirmations of receipts are not sent.

For further information, please contact:

Prof. Dr. Jürgens

e-mail: [klaus.juergens@io-warnemuende.de](mailto:klaus.juergens@io-warnemuende.de)

