

## Job announcement (Bio 13/2020)

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

### Research Scientist (Post Doc)

In the DFG-funded project “N-Amazon”. The employment is temporary and will start 02/01/2021 and continue until 07/31/2022. 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.

The N-Amazon Project studies the impact of riverine nitrogen on the cycling and turnover of nitrogen and carbon and functional biodiversity of higher trophic levels. Estuaries critically control how much of allochthonous nutrients from rivers reach the open ocean and how much carbon dioxide can be sequestered in the river plume. The outflow of the Amazon River supports different plankton communities whose food sources have not yet been defined. In particular, the role of allochthonous nutrients for the production along the plume is still unclear.

Specifically, the project will study turnover processes in the N cycle including rates of nitrogen fixation, food webs, and relevant physical processes. For these investigations, a 5-week research cruise with FS Meteor was recruited to study the biogeochemistry and the influence of nutrient inputs to the southwestern tropical Atlantic with an international team of scientists.

## Job description

You will develop and work on your own research topic on biogeochemical processes in the Amazon River plume during the research cruise with FS METEOR (M174) in April/May 2021. After the cruise you will evaluate the data and draft a manuscript. You will also be responsible for the pre-cruise preparations and the post-cruise work tasks, including the organization of the cruise and data handling.

## Qualifications

You finished a very good dissertation in marine biology, marine biogeochemistry or related fields and proven experience in interdisciplinary work. You enjoy going to sea and have already taken part in cruises on large research vessels, also in a leading position. You have very good oral and written communication skills in English and enjoy working in a team. Furthermore, you have the ability to formulate a scientific question for the cruise, work on it and write down the summary of it within the project duration.

Applicants are kindly asked to send their complete applications (Cover letter, CV, copies of certificates, description of relevant activities and experiences, two references, list of publications) quoting the code **Bio 13/2020** until **November 30<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

Interviews are expected to take place online in mid December 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 Maren Voss ([maren.voss@io-warnemuende.de](mailto:maren.voss@io-warnemuende.de)) or visit our website: [www.io-warnemuende.de](http://www.io-warnemuende.de)

