Job announcement NOTION (Bio 02/2020)

The Department Biological Oceanography of the Leibniz Institute for Baltic Sea Research Warnemünde (IOW) is offering, subject to the funding of the project, a

**PhD position**

starting in spring 2020. Remuneration is paid in accordance with the TV-L salary scale at level EG 13 (65% of a full position or 26hrs/week) monthly gross salary. The employment is temporary for 3 years.

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, Marine Chemistry, Biological Oceanography and Marine Geology) cooperate within the framework of a joint research program.

**Project description**

The biological fixation of dinitrogen (N2) by marine microbes called ‘diazotrophs’ sustains ~50% of primary production in the ocean, boosting CO2 absorption and mitigating climate change. The BNP Paribas Foundation funded project NOTION (Nitrogen fixers structuring phytoplankton biodiversity in the Ocean under climate change) studies how climate change stressors affect the activity of diazotrophs, and how they will impact phytoplankton biodiversity and productivity in the future ocean. Experimental work with nitrogen fixing community and the transfer of fixed nitrogen to other microbes is one focus of the work.

The work will be done in collaboration with 3 other European expert groups on nitrogen fixation, biodiversity, and modelling in Marseille, Copenhagen, and Zürich. The candidate is supposed to work mainly at the IOW in Germany, but also in the partner institutes for extended periods of time.

**Qualification**

The candidate should hold a master degree with an above average grade in a marine science field, should enjoy experimental and seagoing work and close collaboration with the project members. Prolonged stays abroad are required. Moreover, expertise with stable isotope work (including NanoSIMS), molecular biology, and good English skills are desired.

Candidates are asked to send their application (letter of motivation, CV, copies of certificates and 2-3 references) to bewerbung.biologie@io-warnemunde.de or to the Leibniz-Institut für Ostseeforschung Warnemünde Personalabteilung Seestraße 15
D- 18119 Warnemünde, Germany

Key word: NOTION (Bio 02/2020)

Deadline for the application is February 29 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. 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 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.

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.

Application and travel costs cannot be reimbursed.

For more information please contact: Maren Voss, email: maren.voss@io-warnemuende.de, or visit www.io-warnemuende.de.