Job announcement (Bio 17/2020)

The Department Biological Oceanography of the Leibniz Institute for Baltic Sea Research Warnemuende (IOW) is offering a position (26 hrs/week) as

PhD Student

in the DFG funded CYA-REMo project. Remuneration is paid in accordance with the TV-L salary scale at level EG 13 monthly gross salary (65%). The employment is temporary for 3 years and will start on 1 April 2021.

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.

Background. CYA-REMo “Cyanobacteria under climate change: looking into the past to predict the future through integration of resurrection ecology, experimental evolution and ecosystem modelling approaches “ addresses mechanisms of cyanobacterial adaptation to a warming climate in an interdisciplinary team of scientists. The project will 1) investigate whether cyanobacteria have evolved to warmer environmental conditions, 2) quantify their evolutionary potential to cope with even higher temperatures and 3) assess their potential to dominate future phytoplankton communities in a seasonally-varying and overall warmer environment by taking into account ecosystem and biogeochemical feedback mechanisms.

Tasks. Specifically, in this PhD project, resting stages of cyanobacteria will be revived from recent and century-old sediment layers of cores collected in the Baltic Sea to establish experimental cultures. These will be used for genomic characterization and quantification of phenotype (trait) changes in the context of changing climate factors. This work will be closely linked to evolution experiments and modelling activities of network partners at the University of Hamburg and include short research periods at partner institutions in Poland and Finland.

Requirements. We are looking for an enthusiastic student with a completed Master’s degree in Marine Biology, Aquatic Ecology or a related field, who enjoys working in an interdisciplinary team on questions relating to
phytoplankton responses to Climate Change. Candidates should have good team work and communication skills. Excellent command of English language is mandatory.

**Application period ends 31 December 2020.**

Applicants are asked to send their complete applications (CV, list of publications, copies of certificates, references) **as a single PDF file**, quoting the subject **Bio 17/2020**, until **31.12.2020** by email to:

bewerbung.biologie@io-warnemuende.de

or by regular mail to:

Leibniz Institute for Baltic Sea Research Warnemuende
Dept. Human Resources
Seestrasse 15
18119 Rostock
GERMANY

Applications of disabled persons with equal professional and personal qualification will be treated preferentially. Please indicate a handicap in the cover letter and enclose the relevant certificate.

The IOW promotes equal opportunities and has been awarded the Total Equality Certificate in 2013 and 2016. An overview about our arrangements concerning equal opportunities and improvements of the compatibility of career and family can be found at [http://www.io-warnemuende.de/gleichstellung.html](http://www.io-warnemuende.de/gleichstellung.html). Applications of female candidates are expressly encouraged and will be treated preferably in case of equal qualifications and suitability in departments underrepresented by females. Our family office, equipped with computer workstation and toys, offers parents the opportunity to take children to the IOW for shorter time periods.

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:

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or visit our website: www.io-warnemuende.de