

HIFMB

Helmholtz-Institut
für Funktionelle
Marine Biodiversität
OLDENBURG



The Helmholtz-Institute for Functional Marine Biodiversity (HIFMB) is a new institute integrating marine biodiversity research, established on the campus of the Carl von Ossietzky University Oldenburg. It joins the scientific profiles of the Institute of Chemistry and Biology of Marine Systems (ICBM) Oldenburg and the Alfred Wegener Institute – Helmholtz Centre for Polar and Marine Research Bremerhaven (AWI).

During the establishment phase, we are able to offer a position as a

PhD student

Role of sponges in benthic pelagic coupling: the role of sponge metabolism for plankton, microbial and chemical diversity of the water column

Background and tasks:

The PhD candidate will use environmental systems biology tools to investigate the effects of benthic filter feeding communities on phyto- and bacterioplankton communities. The PhD candidate will investigate the effect of the “sponge loop” on plankton and bacterial communities and DOM diversity. The succession of phyto- and bacterioplankton communities, as well as DOM composition will be monitored in these experiments at a molecular level at maximum analytical resolution. The main aim of the PhD candidate will be the identification of functional relationships that arise from time series experiments in mesocosms.

Requirements:

Formal requirement for application is an outstanding academic university degree in Marine Environmental Science, Ecology or a related subject. The candidate should have a reasonable background in ecological theory and expertise in statistical data analysis and should be ready to work and communicate in an international research environment.

If you are interested or if you have any further questions, please contact: **Thorsten Dittmar**, thorsten.dittmar@uni-oldenburg.de.

The position is limited to three years. The salary will be paid in accordance with the German Tarifvertrag des öffentlichen Dienstes (TVöD Bund) based on qualifications and transferred tasks up to salary group 13 (66%). The place of employment will be **Oldenburg**.

We offer you a multi-disciplinary, international, and fascinating professional environment with flexible working hours, state-of-the-art research equipment, and a first-rate infrastructure. Disabled applicants will be given preference when equal qualifications are present. The AWI fosters the compatibility of work and family through various means. Because of our engagement in the area of work-life compatibility we have been awarded the certificate “Career and Family”.

As Ph.D. student at AWI you will be member of the Helmholtz Graduate School for Polar and Marine Research 'POLMAR' (<http://polmar.awi.de>) or another graduate school.

Please forward your applications with the standard documentation (letter of motivation, CV, certificates and a list of publications) by **April 30th, 2017** referencing code **49/D/HIFMB** to: Alfred-Wegener-Institut für Polar- und Meeresforschung, Personalabteilung (human resources), Postfach 12 01 61, 27515 Bremerhaven/Germany or by e-mail (all documents merged into one PDF file) to: personal@awi.de.