



ALFRED-WEGENER-INSTITUT
HELMHOLTZ-ZENTRUM FÜR POLAR-
UND MEERESFORSCHUNG



The Helmholtz Institute for Functional Marine Biodiversity (HIFMB) is a research institute located in Oldenburg. It researches marine biodiversity and its importance for the function of marine ecosystems. In doing so, it develops the scientific basis for marine nature conservation and ecosystem management. The HIFMB was founded in 2017 and is an institutional cooperation between the Alfred Wegener Institute in Bremerhaven, Helmholtz Centre for Polar and Marine Research (AWI), and the Carl von Ossietzky University in Oldenburg.

PostDoc (m/f/d) in Biodiversity and Connectivity of Marine Protected Areas

Background

HIFMB/AWI and Thünen Institute jointly seek for a Postdoc (w/f/d) 'Biodiversity and Connectivity of Marine Protected Areas' in the framework of the third-party funded project 'CREATE - Concepts for Reducing the Effects of Anthropogenic pressures and uses on marine Ecosystems and on Biodiversity' and addresses the research mission of the The German Marine Research Alliance on 'Protection and Sustainable Use of Marine Areas.

With the advertised position, research questions on the topic of connectivity between marine protected areas will be pursued in the BMBF-funded project "CREATE". Modern molecular genetic methods, in particular metabarcoding of zooplankton and environmental DNA samples, will be analysed. In addition, the Postdoc will lead the cross-disciplinary synthesis of the results within a project group, for which a lively exchange with the work of the project partners will be designed, encompassing genetic as well as biophysical and geological aspects. The PostDoc (m/f/d) is affiliated with the HIFMB Focus Group Marine Molecular Ecology.

Tasks

- Molecular genetic analyses (metabarcoding)
- Bioinformatic and statistical analysis of sequence data
- Management of a project working group; organization of interdisciplinary exchange of research approaches and results within this group
- Cross-disciplinary synthesis of research results, especially to link with results from biophysical modeling
- Participation in research cruises, sampling and processing of environmental DNA and zoo-/ichthyoplankton samples in the field
- Participation in and, if necessary, organization of project meetings
- Preparation of project reports and publication of results

Requirements

- Completed university studies (Univ.-Diploma, Master) and Phd in environmental/natural sciences, medicine or related discipline
- Experience in molecular genetic analysis (metabarcoding)

- Strong bioinformatics and statistical expertise
- Ability to think in an interdisciplinary manner and synthesize results across disciplines
- Very good communication skills, also to lead a scientific project group
- Very good English language skills; German language skills are an advantage
- Experience with research cruises is advantageous
- Publications in scientific journals

Further Information

For further information, please contact **Dr. Silke Laakmann** (silke.laakmann@hifmb.de; +49(471)4831-2566) or **Dr. Anne Sell** (+49(471)94460-365; anne.sell@thueneen.de).

This is a full-time position, limited to 3 years. The employment contract is to be concluded with the Alfred Wegener Institute for 15 months and directly thereafter with the Thünen Institute. It is also suitable for part-time employment. The salary will be paid in accordance with the Collective Agreement for the Public Service of the Federation (Tarifvertrag des öffentlichen Dienstes, TVöD Bund), up to salary level **13**. The place of employment will be **Bremerhaven**.

Postdocs have to register with AWI's postdoc office [PROCEED](#), thereby gaining access to a set of tailor-made career development tools.

The AWI is characterised by

- our scientific success - excellent research
- collaboration and cooperation - intra-institute, national and international, interdisciplinary
- opportunities to develop – on the job, aiming at other positions and beyond AWI
- a culture of reconciling work and family – an audited and well-supported aspect of our operation
- our outstanding research infrastructure – ships, stations, aircraft, laboratories and more
- an international environment – everyday contacts with people from all over the world
- having an influence – fundamental research with social and political relevance
- flat hierarchies – facilitating freedom and responsibility
- exciting science topics, with opportunities also in technology, administration and infrastructure

Equal opportunities are an integral part of our personnel policy. The AWI aims to increase the number of female employees and therefore strongly encourages qualified women to apply.

Disabled applicants will be given preference when equal qualifications are present.

The AWI fosters the compatibility of work and family in various ways and has received a number of awards as a result of this engagement.

We look forward to your application!

Please submit your application by **October 31st 2021**, exclusively online.

Reference number 21/172/D/Bio-b

[Apply here](#)