



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



The Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI) is a member of the Helmholtz Association (HGF) and funded by federal and state government. AWI focuses on polar and marine research in a variety of disciplines such as biology, oceanography, geology, geochemistry and geophysics thus allowing multidisciplinary approaches to scientific goals.

## **Scientist (m/f/d) “iSeal Mesocosms – Impact of global warming and invasive species on Wadden Sea intertidal communities”**

### **Background**

Within the framework of the Coastal Ecology section at the Wadden Sea Station Sylt, we seek a communicative and ambitious scientist (m/f/d) with expertise in experimental aquatic ecology.

The work is embedded in the BMBF Research mission “Schutz und nachhaltige Nutzung mariner Räume – protection and sustainable use of marine areas” where it builds an integral part of the joint project iSeal (Trans- and interdisciplinary Social-ecological network analysis based on long-term monitoring, experimental data and stakeholders’ assessment). Within the specific sub-project “iSeal Mesocosms” the impact of global warming and invasive species on Wadden Sea intertidal communities will be quantified using the AWI mesocosm facility at the List/Sylt station.

### **Tasks**

- Management (set-up, organization, supervision) of two large scale mesocosm experiments (spring 2022, 23)
- Participation in quantitative analyses of abundant benthic organisms (biomass/abundance) and their metabolic rates
- Data acquisition for statistical and ENA (environmental network) analyses
- Statistical analysis (Impact of warming/invasive species on carbon budget and biodiversity of mussel banks)
- Participate in mission, project, other scientific and stakeholder meetings
- Publish datasets to make them available to project and external scientist for all kinds of analysis
- Publish results in scientific journals

### **Requirements**

- PhD biology (marine or freshwater ecology) or a related field
- Experience in statistical analysis
- Handling and analyzing of large sets of observational data
- Good English and German communication skills

### **Additional skills and knowledge**

- Experience in the field of benthic pelagic coupling
- Background in mesocosms work
- Background in ENA and/or other biological modelling approaches

### **Further Information**

For further information, please contact **Dr. Johannes Rick** (johannes.rick@awi.de; +49(4651)956-4220).

This is a full-time position, limited to 3 years, pending final approval of funding. 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 **List on Sylt**.

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 24<sup>th</sup> 2021**, exclusively online.  
Reference number 21/171/D/Bio-b

[Apply here](#)