

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.

The research group RESTORE at the Alfred Wegener Institute on **Helgoland** invites applications for a

## **Technical & Scientific Manager of a new Oyster Hatchery**

### **Background:**

Because of their high ecological value, native oyster beds are a focus of European conservation efforts. According to the Habitats Directive for the protected habitat type "reef", a favourable conservation status is to be preserved or restored. In view of the ecosystem-related benefits of oyster reefs, especially the high biodiversity of species associated with reefs, project PROCEED aims to develop a successful and sustainable seed oyster production of the European oyster *Ostrea edulis* to support long-term restoration measures in the North Sea. A new hatchery facility will be installed within the existing AWI infrastructure on Helgoland and seed oyster production is planned to start in summer 2019. Associated research will address topics in addition to larval production such as remote setting, genetic diversity, disease resistance and pathogen control.

You will be responsible for the system development, the coordination of the ongoing operation in the future oyster hatchery on Helgoland as well as research in conjunction with the program director.

### **Tasks:**

We are looking for a highly motivated and experienced hatchery operator with enthusiasm for a long-term commitment in supporting oyster restoration as a marine conservation measure. The main duties consist of the coordination of routine processes for the regulation, maintenance and operation of circulation facilities along with the acquisition of required equipment for the circulatory systems and the laboratories. As safety commissioner you will be assigned to ensure the safety within the facility. The position requires frequent inspection of the system operation as well as the maintenance of both, technical components and total systems. As part of the research you will be supervising students and/ or interns and accompany the experiments carried out at the facility. Leading an interdisciplinary team, you will be responsible for the installation/implementation and operation of all hatchery-related processes:

- Hatchery & Algae-cultures – Supervision and maintaining organization of shellfish seawater systems, cleaning & repair of tanks & outside courtyard area, team/student training on tasks & providing educational tours
- Culturing - Supervision of algae culturing from starter cultures to large scale production, maintaining organization of algae culture room & associated tasks, Supervision of spawning & culturing shellfish larvae & post set oysters
- Oyster Pond - Supervision and coordination of field site, installation of pond, cull, enumerate & plant oysters, build and repair equipment.

### **Requirements:**

The position requires a Master's (or equivalent) degree in Aquaculture, Marine Biology, Maritime Technology or a related discipline or relevant experience in this field. We seek a person with outstanding expertise in hatchery/flow-through/RAS-technology and practical experience with

planning, implementing and running a new facility for seed oyster production. We expect experiences and skills in algae production and oyster or bivalve nursery/hatchery.

Mandatory requirement for the application is the willingness to move to the Island Helgoland. Helpful requirements are a fundamental knowledge of oyster restoration measures in the frame of marine conservation.

You need good English language skills. In general, good communication, teamwork and coordination skills are required.

For further information please contact **Dr. Bernadette Pogoda** (bernadette.pogoda@awi.de, +49(471)4831-2710).

The full-time position is limited to 6 years and is advertised subject to availability of funding. The salary will be paid in accordance with the German Tarifvertrag des öffentlichen Dienstes (TVöD Bund), up to salary level **13**. The place of employment will be **Helgoland**.

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.

AWI aims to increase the number of women in the scientific staff and therefore encourages women to apply. 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".

Please forward your applications with a letter of interest, a scientific CV, and contact details of two referees by **October 26<sup>th</sup> 2018** referencing code **144/D/Bio** by e-mail (all documents merged into one PDF file) to: **personal@awi.de**.