



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.

Post Doc "Microplastics analysis in sediments and water" (m/f/d)

Background

The EU-funded project GREENLand will use a multi-disciplinary approach to increase knowledge and technologies in microplastic prevention, detection and purification of soil, water, and microorganisms, and thus result in food and environment safety in the Republic of Serbia. Activities will strengthen and foster the development of research staff base in the region. They will promote the establishment of open, inclusive and responsible national research and innovation systems, support an institutional change through the development of inclusive gender equality plans in line with Horizon Europe and the European Research Area objectives, as well as provide support to evidence-based policy making.

In the scope of this project methods and protocols for the analysis of microplastics covering sampling, extraction and analysis shall be amended, improved and evaluated for the application in large scale investigations. In the scope of the project consortium these shall be transferred for roadmaps for microplastic analysis in the Republic of Serbia. Further, researchers of the partner institute shall be trained in their application during selected training periods at the research station on Helgoland.

Tasks

The following task shall be addressed:

- Development of sampling campaigns, analytical protocols and data reporting schemes for microplastics in sediment and water samples in the Republic of Serbia.
- Develop, plan and carry out staff exchanges and dissemination events

Requirements

- A PhD degree in environmental sciences or chemistry
- a strong background in aquatic sciences and/or analytical chemistry
- experience in the analysis of microplastics
- experience with FTIR spectroscopy
- proven analytical skills

- Excellent team work capabilities in a multidisciplinary team, fluency in English (written and spoken)
- willingness of mentoring students (Master, PhD), training of visiting researcher, publication in peer-reviewed journals and presentation at international conferences

Desirable skills and knowledge

- Beneficial: Language skills in Serbian
- Beneficial: Experience in Researcher training

Further information

Please contact **Dr. Sebastian Pimpke** (sebastian.pimpke@awi.de; +49(4725)819-3255) for further information.

This is a full-time position, limited to 2 years. 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 **Helgoland**.

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

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 **November 30th 2022**, exclusively online.

Reference number 22/168/D/Bio-b.

[Apply here](#)