



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) for Management and use of Benthic-Pelagic Sylt Roads Time Series

Background

Embedded within the framework of the AWI Coastal Ecology section, we seek a dynamic post doc for the management of LTOs and development of LTER research which links benthic and pelagic processes, via biogeochemistry in coastal marine ecosystems. This scientist should be a communicative, team-oriented and ambitious scientist (m/f/d) for the Candidate should have expertise in benthic ecology, benthic-pelagic coupling, and the analysis of spatial and temporal long-term data series. The Sylt-Roads Data Time Series plays an integral role in the research conducted at the AWI Wadden Sea Station Sylt providing scientific knowledge on the consequences of coastal ecosystem change, de-eutrophication and carbon dynamics on sedimentary coastal ecosystems. These data also provide fundamental information for large-scale, national and international projects and ecosystem comparisons.

Tasks

- Maintaining Sylt Roads Time Series and associated online data products.
- Connection of Sylt Roads data to other benthic and pelagic time series in the North Sea (including the Helgoland Roads Time Series) and integrate the Sylt LTER data into international and national LTER Programmes.
- Development of LTER research which links benthic and pelagic processes, via biogeochemistry in coastal marine ecosystems.
- Analysis of long-term shifts in environmental conditions on the interplay of pelagic and benthic communities.
- Close collaboration with hydrodynamic modelling expertise at AWI (FESOM-C) and the Helgoland Time Series group is expected.
- You are expected to establish and lead a productive, diverse and innovative research group on Sylt.

Requirements

- PhD degree and work experience in the bio/geo sciences (e.g. biogeochemistry, community ecology, ecosystem dynamics, geography, geology), and the ability to independently develop and pursue interdisciplinary research

- Experience with quality control of biogeochemical data, processing and interpretation of time series and large-scale data sets
- Proven ability in statistical methods, R and modeling for interpretation of data elucidating changes in ecosystem dynamics and function will be highly ranked
- An excellent scientific publication track-record.
- Ability to mentor students and advise colleagues using the Sylt-Roads data
- Networking within the field of coastal research, both nationally and internationally, and to initiate and further collaborations both within and outside the AWI.
- Fluency in English, with German as an asset.

Further Information

For further information please contact **Prof. Dr. Karen Wiltshire** (Karen.Wiltshire@awi.de) or Dr. Inga Kirstein (Inga.Kirstein@awi.de).

This is a full-time position, limited to 3 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 **14**. The place of employment will be **Sylt**.

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 and towards other positions
- an international environment – everyday contacts with people from all over the world
- flexible working hours and the possibility of mobile working up to 50% of regular working hours
- support services and a culture of reconciling work and family
- Occupational pension provision (VBL)

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

Applicants with disabilities 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 **February 14th 2024**, exclusively online.

A short concept of your expertise and research interests should be submitted with your CV, as well as a cover letter briefly stating your motivation to apply.

Reference number: 23/214/G/Bio-b

[Apply here](#)