

The Institute of Sea Fisheries within the Johann Heinrich von Thünen Institute, Federal Research Institute for Rural Areas, Forestry and Fisheries, is offering a temporary position until 28.02.2023, starting 01.03.2021, for a

Postdoc researcher (f/m/d)

The position is to be filled within the third party funded DAM pilot mission MGF (Exclusion of mobile bottom-fishing in the German Natura 2000 areas).

The project aims to investigate the effects of a future exclusion of mobile bottom fishing from the three Natura 2000 sites of the German Exclusive Economic Zone (EEZ). In the current first phase of the project, the ecological status of the sites will be described in order to assess the long-term effects on the dominant habitats and communities in the protected areas after exclusion.

The main focus of the position is to develop models and methods to study the impact of fisheries exclusion on fish and epifauna communities in the three marine protected areas. The applicant will use modern statistical methods and GIS-based analyses to analyse the functional characteristics of the communities in relation to prevailing fishing intensities and various environmental factors. Furthermore, the applicant is expected to actively participate in the publication and communication of the results.

Detailed tasks

- Analysis of existing monitoring and fisheries data (Vessel Monitoring Data) and relevant physical environmental parameters
- GIS based processing of the project data
- Collaboration on a trait-based database for demersal fish and epibenthos and the spatial modelling of such traits
- Support of project management, reporting, publication and communication of results

Requirements

- A PhD in Marine Biology, Fisheries Biology or comparable disciplines
- Experience in data compilation and handling
- Proficiency in the use of R, handling of spatial data in R or/ and ArcGIS
- Experience in time series analysis and spatial modelling
- Excellent statistical skills
- Excellent communication and writing skills in English and at least the willingness to learn German; a knowledge of the German language would be beneficial
- Work experience in interdisciplinary research teams
- Excellent communication skills and proven track record in publishing scientific results

We offer an enrolment in a dynamic and interdisciplinary research environment addressing topics of high public and political relevance. The successful candidate will enjoy a high level of support in her or his professional development through a wide range of training offers. We are offering a family-friendly working environment.

Employment complies with the German wage agreement for the civil service sector (TVöD Bund), salary group E13 (if the personnel requirements are fulfilled). Part-time employment may be negotiated.

The Thuenen Institute promotes the professional equality of women and men and therefore expressly welcomes applications from women.

The Thuenen Institute is committed to inclusion. Applications from people with severe disabilities are therefore expressly welcome. These will be taken into special consideration in the selection process.

Additional information is available from Dr. Holger Haslob (Tel. +49 471 94460-355; holger.haslob@thuenen.de) or Dr. Hermann Neumann (Tel. +49 471 94460-354; hermann.neumann@thuenen.de).

Interested candidates should send their applications (including motivation letter, CV, list of publications, copies of relevant certificates, names and addresses of personal references) via e-mail in one PDF file referring to **„2020-283-SF-MGF-NS“** before **14.01.2021** to the

sf-bewerbungen@thuenen.de

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Information pursuant to Article 13 DSGVO on the collection of personal data can be found at www.thuenen.de/datenschutzhinweis-bewerbungen.