As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

Pending approval of external funding the Faculty of Mathematics, Informatics and Natural Sciences, Department of Biology, Institute of Marine Ecosystem and Fisheries Science invites applications for a

**RESEARCH ASSOCIATE FOR THE PROJECT “BALT_ADPT” QUANTITATIVE MARINE ECOLOGY/FISHERIES SCIENCE**

* - SALARY LEVEL 13 TV-L - *

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 1 November 2020.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed until 31 October 2023. The position calls for 65 % of standard work hours per week**.

**RESPONSIBILITIES:**

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

**SPECIFIC DUTIES:**

The research project balt_ADAPT [Adaptation of the Western Baltic Coastal Fishery to Climate Change], funded by the German Federal Ministry of Education and Research (BMBF), aims to develop instruments for a better adaptation of fisheries in the Western Baltic Sea to climate change. These tools should contribute to a more reliable assessment of fish stocks and ecosystem status in the Western Baltic Sea and support policy makers in developing sustainable use of local fishery resources under the impacts of future climate change.

The PhD student will work on his/her dissertation on "Assessment of the Ecosystem State of the Western Baltic Sea" in a research-oriented environment. The tasks will include the selection and validation of indicators for the biodiversity and food web of the Western Baltic Sea. Based on this, selected indicators will be tested for their resilience and possible thresholds in their relationship to anthropogenic stress variables. Modern statistical modelling methods will be applied.

* Full-time positions currently comprise 39 hours per week.
REQUIREMENTS:

A university degree in a relevant field. We are looking for a quantitative ecologist, ideally with a Master’s degree in marine biology or resource ecology (e.g., fisheries science) or comparable courses of study. Motivated candidates from other disciplines with a strong knowledge of multivariate and non-linear statistical methods and machine learning are expressly desired. Solid knowledge of scientific programming languages (especially in R), good English skills as well as the ability to work in a team and a certain degree of independence are required.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact Prof. Dr. Christian Möllmann or consult our website at www.biologie.uni-hamburg.de/forschung/oekologie-biologische-ressourcen/maroeksydyn.html.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 7 September 2020 to: christian.moellmann@uni-hamburg.de.

Please do not submit original documents as we are not able to return them. Any documents submitted will be destroyed after the application process has concluded.