**Short text:**PostDoc position in benthic ecology at the ICBM, CvO University Oldenburg, addressing the effects of bottom trawling fisheries exclusion on benthic invertebrates and fishes in the Natura 2000 areas . More information on this position can be found at [www.uni-oldenburg.de/stellen/xxx](http://www.uni-oldenburg.de/stellen/xxx) and from Dr. Sven Rohde ([sven.rohde@uni-oldenburg.de](mailto:sven.rohde@uni-oldenburg.de)) or Prof. Dr. Peter Schupp ([peter.schupp@uni-oldenburg.de](mailto:peter.schupp@uni-oldenburg.de)).

**Long text:**

**PostDoc position: The effects of bottom trawling fisheries exclusion on the biodiversity of benthic invertebrates and fishes.  
Institute for Chemistry and Biology of Marine Systems (ICBM)   
University of Oldenburg, Germany**

The position is part of a joint project with several German research institutes funded by the BMBF. The workplace is located in Wilhelmshaven, Germany.

**Rationale**

The imminent exclusion of bottom trawling fisheries in the Natura 2000 areas of the German North Sea is an important management measure to reduce habitat destruction and biodiversity loss. The project investigates macroinvertebrate and fish communities to identify changes in biodiversity and community structures before and after closure of bottom trawling fisheries in the Natura 2000 and appropriate control areas in the North Sea. An additional goal is the development and optimization of minimal or non-invasive monitoring methods to determine biodiversity and abundance of epibenthic macroinvertebrates and fishes.

The successful candidate will use and develop a variety of benthic monitoring methods, including UW stereo-photography, video transects and the deployment of artificial substrata. Benthic species will be identified and community data will be analyzed in collaboration with other subprojects to develop a low-invasive monitoring program for the Natura 2000 areas.

**Responsibilities**

* + Planning of ship-based field sampling campaigns in the North Sea
  + Adaptation of monitoring methods (UW photography, videography, UW transects by divers, deployment of artificial substrata, BRUVs (Baited Remote Underwater Videosystems)
  + Sampling and taxonomic identification of marine benthic invertebrates and benthic fishes
  + Multivariate statistical analysis of acquired data

**Requirements**

* + Academic university degree (master or equivalent) in marine biology or natural sciences
  + Certified Research Diver / European Scientific Diver
  + Ability for and willingness to work in a multidisciplinary, international team and to communicate with external partners
  + Very good command of spoken and written English
  + Participation in field sampling and on sea cruises

**Salary and conditions**The full-time position will be starting April 2020 for a duration of three years. Salary will be according to TVL E13.

The Carl von Ossietzky University of Oldenburg is dedicated to increasing the percentage of women in science. Therefore, female candidates are particularly encouraged to apply. In accordance with Lower Saxony legal regulations (NHG §21), equally qualified female candidates will be given preferences. Applicants with disabilities will be preferentially considered in case of equal qualification.

**Application**Applications should be sent with all the usual documents (included in a single pdf file) **no later than 15.03.2020** to Dr. Sven Rohde (sven.rohde@uni-oldenburg.de).

If you have any questions regarding this job offer, please feel free to contact Dr. Sven Rohde (sven.rohde@uni-oldenburg.de).