**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 Prof. Dr. Peter Schupp (peter.schupp@uni-oldenburg.de) or Dr. Sven Rohde (sven.rohde@uni-oldenburg.de).

**Long text:**

**PostDoc position: The effects of bottom trawling fisheries exclusion on the benthic microbiome.
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. Bottom trawling fisheries disturb marine sediments and may consequentially change the microbial communities in the sediments and on benthic hard bottom surfaces. The project aims to identify changes in microbial community structures before and after closure of bottom trawling fisheries in the Natura 2000 and appropriate control areas in the North Sea.

The successful candidate will sample the microbial communities on several sea cruises. Samples will be analyzed using molecular techniques.

**Responsibilities**

* + Planning of ship-based field sampling campaigns in the North Sea
	+ Sampling and taxonomic identification of marine benthic microbes
	+ Sample preparation for microbial community analyses using next generation sequencing
	+ Data analysis including multivariate statistical analysis
	+ Culture of selected strains

**Requirements**

* + Academic university degree (master or equivalent) in microbiology or natural sciences
	+ 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 ship based field sampling campaigns
	+ (Certified Research Diver / European Scientific Diver, beneficial but nor required)

**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 Prof. Peter Schupp (peter.schupp@uni-oldenburg.de) or Dr. Sven Rohde (sven.rohde@uni-oldenburg.de).