



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

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 Research Group Scientific Computing as part of the Department of Informatics at the Universität Hamburg** invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT “INTERREG: WASSERQUALITÄT - WATERKWALITEIT”

- 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 June 1st, 2020, pending external funding.

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 for a period of 2 years. The position calls for 39 hours per week. This position is also suitable for part time employment.

RESPONSIBILITIES:

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

SPECIFIC DUTIES:

The project is funded under the EU InterReg programme and will be carried out in collaboration with NLWKN, Helmholtz Institute for Functional Marine Biodiversity, University of Oldenburg as well as Deltares (NL). The main duty will be the implementation of a high resolution coupled hydrodynamical/biogeochemical model of the southern North Sea for studying the phytoplankton functional groups and diversity across the coast/marine continuum. An explicit emphasis will be on integration of measurement data with the model system. The applicant will be expected to support extensive collaboration with other project partners, including assisting comparison of experimental and monitoring data with idealized 1-D model setups. Presentation of work at regular project meetings with project partners, as well as at international conferences and peer-reviewed journals are further duties.

REQUIREMENTS:

A university degree in a relevant subject plus doctorate. The applicant should be firm in the technical and conceptual work on model improvement and handling of in-situ measurement for model validation. The applicant should be interested in model assessment in the context of the MSFD as well as general cooperation with other disciplines. Experience with UNIX OS HPC platforms, programming (preferably FORTRAN) and scripting (Python, R, Matlab) languages, data processing software (NCO, CDO) are required. Finally, given the collaborative nature of the project, strong communication skills are desired.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

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

For further information, please contact Dr. Hermann Lenhart (hermann.lenhart@uni-hamburg.de) or Dr. Onur Kerimoglu (onur.kerimoglu@uni-oldenburg) or consult our website at <https://wr.informatik.uni-hamburg.de/>.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 19.04.2020 to: hermann.lenhart@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.