



Faculty/Department: Mathematics, Informatics, Natural Sciences/Department of Biology
Seminar/Institute: Institute for Marine Ecosystems and Fisheries Research (IMF)

Universität Hamburg invites applications for a Research Associate for the project “**BiodivERsA - SOMBEE (Scenarios Of Marine Biodiversity and Evolution under Exploitation and climate change)**” in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on 1st April 2019.

It is remunerated at the salary level TV-L 13 and calls for 39 hours per week.

The fixed-term nature of this contract is based upon Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 3 years.

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

Responsibilities:

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

Specific Duties:

This post-doc researcher will parameterize an end-to-end model ‘OSMOSE’ to represent the northern HUS including mechanistic, intra- and inter-specific impacts of fishing and climate change. Simulations will be conducted to test various scenarios of future fishing pressure and climate change to make projections of impacts on marine biodiversity. The researcher is responsible for all aspects of this research and for preparing reports and peer-reviewed articles on outcomes of this ‘SOMBEE’ research. This includes active collaboration with the network of SOMBEE scientists from a broad range of disciplines in South America, Europe, North America and Asia.

Requirements:

A university degree in a relevant subject plus doctorate.

We are looking for an outstanding and highly motivated researcher with

- A PhD in Physical or Biological Oceanography, Marine Ecology, Environmental Science or related discipline
- Previous research experience utilizing spatially-explicit, individual-based and/or size-spectrum models such as ‘OSMOSE’ or other ecosystem modelling platforms
- Expertise in the dynamics of marine ecosystems including biological and physical interactions
- Excellent written and verbal communication skills in English



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- The ability to work independently and proactively in an inter- and transdisciplinary team
- Strong interpersonal and organizational skills If applicable, please list further requirements here.

Severely disabled applicants will receive preference over equally qualified non-disabled applicants.

For further information, please contact Prof. Myron Peck (myron.peck@uni-hamburg.de) or consult our website at <https://www.biologie.uni-hamburg.de/en/einrichtungen/imf.html>.

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application deadline is 15th February, 2019. Please send applications to: Prof. Myron Peck (myron.peck@uni-hamburg.de).