

Mee(h)r als nur Studieren

Wer eine traditionsreiche Universität und den Mut zu Innovationen gleichermaßen zu schätzen weiß, ist an unserer Universität in der jungen und lebendigen Hansestadt Rostock richtig.



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The University of Rostock offers you a diverse, varied and challenging position in a traditional, yet innovative, modern and family-friendly university located in a lively city by the sea.

At the Faculty of Mathematics and Natural Sciences, Institute of Biosciences, Department of Marine Biology we are filling the following position for the duration of the BMBF project BlueES from November 1st, 2020 until October 31st 2023:

Research assistant (m/f/d) (EG 13 TV-L, part-time 26 hours/week, fixed-term, project position)

Scope of duties

Estuaries are vulnerable ecosystem under considerable human pressure from pollution, climate change, eutrophication and habitat loss. Assessment of the impact of these multiple stressors on estuarine ecosystems is crucial for a scientifically based sustainable management concepts. The BlueES-URO project will investigate the environmental hazards from multiple stressors (sediment pollution, lack of oxygen and warming) common in urbanized estuaries to the keystone species of macrozoobenthos in the estuaries of Oder and Elbe. The work involves a combination of the field and laboratory studies using naturally polluted and experimentally spiked sediments. To test the multiple stressor interactions on the performance and health of the macrozoobenthos in the estuary, representative benthic key species will be exposed to the sediments with different degrees of pollution under different temperature and oxygen scenarios in experimental mesocosms. Biochemical, physiological and molecular stress biomarkers will be assessed, and the environmental risk of the multiple stressor factors for macrozoobenthos determined using the Integrated Biomarker Response (IBR) index and the weight-of-evidence approach. The data will be evaluated to map the current risk from the multiple stressors to the benthic communities in the studied estuaries, and to determine the potential adjusting hubs (such as the dominant stressors that can be controlled or mitigated, or the most sensitive ecosystem elements that require protection), which could facilitate the management of the estuaries in the future. For more information about the working group <https://www.meeresbiologie.uni-rostock.de/>

Recruitment requirements

- Completed scientific university degree (state examination, diploma, master's degree or comparable degree) in the field of biology or in a related subject

- Interest in ecological physiology and molecular ecology of marine animals
- Willingness to work in a large interdisciplinary team of the BlueEs research consortium to investigate the effects of multiple stressors on food webs, biodiversity and nutrient cycles in the Oder and Elbe estuaries
- Experience in ecophysiology or ecotoxicology of aquatic animals and / or in experimental marine research at M.Sc. level is expected
- Willingness to learn various laboratory and field methods in ecology, physiology and molecular biology
- Good time management, ability to work in a team, independence
- Strong quantitative skills (e.g. statistics, modeling)
- Excellent oral and written communication skills
- Fluent knowledge of English
- Willingness to work seriously and with commitment on your own academic qualification (PhD degree)

We offer

- Employment relationship according to the provisions of the collective agreement for the public service of the Länder (TV-L)
- Remuneration with pay group 13 if the personal and collectively agreed requirements are met
- An individual allocation of the experience level according to the collective agreement, taking into account your previous professional experience
- 30 days of annual leave and annual special payment; additional retirement provision (VBL)
- Flexible working arrangements
- A wide range of offers for health promotion and for the compatibility of family and work, for example through our family office or our health management URgesund
- Wide range of further education opportunities, including language courses, IT courses, seminars for professional development
- Reduced participation fee in the extensive range of university sports

We as employer

Equal opportunities are important to us. We welcome applications from suitable severely handicapped persons or persons of equal standing. We are striving to increase the proportion of women in research and teaching and therefore encourage applications from qualified women. We welcome applications from people of other nationalities or with a migration background.

Formal references

The fixed-term employment relationship is governed by § 2 (2) WissZeitVG.

We look forward to receiving your e-mail application with meaningful documents, which you should send to us by **September 15th 2020** with the subject "**Ausschreibung P 112/2020**" to bewerbungen.personal@uni-rostock.de. We will only consider applications received on time and at the above e-mail address and in PDF format as one single file. The protection of your personal data is very important to us. For this reason, the data collected during the application procedure will be collected, processed and used in accordance with the relevant [data protection regulations](#). However, we would like to point out that the transmission of your e-mail to us is not encrypted.

We regret that the state of Mecklenburg-Vorpommern cannot cover application and travel costs.

Please contact us for further information:

Institute of Biosciences Frau Prof. Dr. Inna Sokolova, Tel. 0381/498-6050;
 inna.sokolova@uni-rostock.de
 Personnel Services Frau Petra Westphal, Tel. 0381/498-1275



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