

The **Department Aquatic Ecotoxicology** (Prof Dr. Jörg Oehlmann), Faculty of Biological Sciences, at Goethe University Frankfurt am Main, Germany, is seeking highly motivated and talented individuals for

**one PhD position (scientific assistant, 65% part-time, E13 TV-G-U).**

The fix-term position (three years) is available immediately. The position holder will work within the project “PLAWES: Plastics in the model system Weser-Wadden Sea”, sub project “Interactions of plastics and biota” funded by the German Ministry of Education and Research. The project will be implemented in close cooperation with the Environmental Toxicology Group at the Norwegian University of Science and Technology (NTNU) in Trondheim (Prof. Dr. Martin Wagner). The recruitment is subject to the final funding approval.

**Tasks** will include the exposure and analysis of freshwater invertebrates in the field to characterize the exposure of biota under environmentally realistic conditions. This involves long-term field trips to the river Weser and the Wadden Sea. In the laboratory, the toxicity of ‘virgin’ and aged microplastics in mollusks (Gastropoda and Bivalvia) will be investigated. In addition to classical life history parameters, effects on the physiological and immune level will be analyzed.

**Applicants** are expected to hold an excellent Masters degree in biological sciences with a focus on ecotoxicology or equivalent areas. A driving license is required for the fieldwork. We are looking for individuals who are communicative, team-minded, resilient, and bring good German and excellent English language skills. A high mobility is expected, as major parts of the project will be performed in Norway. Experience in performing *in vivo* toxicity tests, transcriptomics (RNA-Seq and qRT-PCR), and multivariate statistics are appreciated.

To apply, please send a cover letter, a CV, a research proposal (max. 3 pages) and the names of at least two referees in one combined pdf file to [oehlmann@bio.uni-frankfurt.de](mailto:oehlmann@bio.uni-frankfurt.de) (Prof Dr. Jörg Oehlmann, who you can also contact for further information). The deadline for application is August 29, 2017