



Post-Doctoral Research Position "Plastic Litter in the Aquatic Environment"

100% / starting date: 1 January 2024

The research group man-society-environment of the Department of Environmental Sciences is looking for a post doctoral research fellow to expand the microplastics team. Our research group studies the occurrence and fate of micro-, meso- and macroplastics in aquatic environments. We have previously published foundational work on microplastics in a major river in Europe, as well as the Antarctic region, studied the interaction of plastics with aquatic organisms, and developed efficient methods for identification and quantification of microplastics. Website: <https://mgu.unibas.ch/en/research/anthropogenic-pollution-of-the-environment/>

Your position

Research: The postdoctoral fellow is expected to contribute to the research projects in our group, such as colonization of plastic material by microbes and multicellular organisms, or litter studies in urbane environment and in remote regions.

Teaching: The position includes a 3h/week teaching commission in the Master Course on Sustainable Development and the supervision of master students.

Your profile

Expected qualifications:

Mandatory:

- PhD in biology, environmental sciences, or in another relevant natural science discipline
- Proven knowledge and experience in quantitative methods and statistics
- Extensive experience and expertise in micro-, meso- or macroplastics field work, separation, and analysis

Beneficial:

- Modelling experience

We look forward to hiring an enthusiastic, responsible and ambitious person with a "can do" attitude, and independent work style. Excellent written and spoken communication skills in English are required, knowledge of German is an asset.

We offer you

- 1 year position, starting date: 1 January 2024
- Integration in an active, dynamic and interdisciplinary research unit with microplastics experience
- A supportive, collaborative and cooperative work environment with regular meetings and exchanges
- Participation in a broad and well established international research network
- Modern research facilities and excellent scientific environment at Basel University
- Salary and social benefits are provided according to University of Basel rules.

Application / Contact

For further information, please contact

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Applicants should submit a letter of motivation, their CV, a documentation of their academic degree and contact information of three potential referees in one single PDF document at info-mgu@unibas.ch (PDF labeled and Email header: 'Post Doc application < LAST NAME>'). Closing date: September, 15th 2023.