

The environment
needs people like you
to move heaven and
earth with us →



Equal opportunities are an integral part of our personnel policy; we therefore particularly welcome applications from qualified women. Severely disabled persons are given priority where applicants are equally qualified.

Your contact for any questions you may have about the job:
PD Dr. Werner Brack
werner.brack@ufz.de

Closing date for applications:
31.12.2018

Place of work: Leipzig

Please use our online application system for your application.

More information about jobs at the UFZ:

www.ufz.de/career

Helmholtz-Zentrum für
Umweltforschung GmbH - UFZ
Permoserstraße 15
04318 Leipzig, Germany



Erfolgsfaktor
Familie

The Helmholtz Centre for Environmental Research (UFZ) with its 1,100 employees has gained an excellent reputation as an international competence centre for environmental sciences. We are part of the largest scientific organisation in Germany, the Helmholtz association. Our mission: Our research seeks to find a balance between social development and the long-term protection of our natural resources.

The Department of Effect-Directed Analysis at the Helmholtz Centre for Environmental Research (UFZ) is offering a:

PhD position (m/f)

Subject: Linking of chemical and effect-based monitoring to support comprehensive assessment of pollution in the Danube river basin

working time: 65 % (25,35 h / week); earliest startdate: 01.04.2019, limited to 3 years

Your tasks:

- Development of monitoring schemes in agreement with but also complementing the upcoming Joint Danube Survey under the lead of ICPDR in summer 2019
- Chemical analytical (LC-HRMS and GC-HRMS) and effect-based characterisation of water quality
- Multivariate analysis of contamination patterns and toxicity profiles
- Identification of drivers of toxicity using mass balance approaches and multivariate statistics

Your profile:

- Master of science in environmental sciences, environmental or analytical chemistry, bio/chemo informatics or related studies
- knowledge and experience in chemical analysis of organic environmental chemicals
- good knowledge in handling large datasets and multivariate data analysis, experience in GIS-based approaches appreciated
- knowledge in programming language R is appreciated
- willingness to combine field, laboratory and computer work
- enthusiasm for international and interdisciplinary work
- good ability in English communication and writing
- driving licence

We offer:

- Top level interdisciplinary research at a research centre which enjoys an excellent reputation within Germany as well as internationally
- Excellent technical facilities
- Work in inter-disciplinary and multinational teams
- Excellent links to national and international research networks
- Support and optimal training courses by our graduate school (HIGRADE)
- Remuneration in accordance with the TVöD public-sector pay grade 13

APPLY HERE!

» back

