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 Conservation Biology and Socio-Ecological Systems (NSF) is offering the following position with a start date of August 1, 2021:

**Postdoctoral Researcher (f/m/x) Metadata in biodiversity surveys**

**Working time:** 100 % (39 h/week) TVöD over a total period of 12 months; in case of positive qualification extension for further 12 months at the partner institute AWI possible.

**Main place of employment:** Leipzig, with stays of several months at the AWI Wadden Sea Station on Sylt.

Within the framework of the project "ADVANCE" (Advanced metadata standards for biodiversity survey and monitoring data: Supporting of research and conservation) coordinated by the Helmholtz Centre for Environmental Research, the successful applicant will assess the requirements for metadata that support the integration of biodiversity data from the terrestrial, freshwater and marine realms. Furthermore, existing metadata standards and semantic artifacts will be adapted and extended to meet the requirements in line with the FAIR principles.

**Your tasks:**

- Assessment of metadata requirements for the integration of biodiversity data from the terrestrial, freshwater and marine realms and development of a vocabulary including translations as a basis for additions to existing semantic artifacts
- Adaptation and extension of existing metadata standards and semantic artifacts in the sense of FAIR as well as development of a workflow for quality control for newly generated metadata
- Support for the integration of the developed concepts into use cases
- Support of project coordination and management

**Your profile:**

- We are looking for a dedicated scientist (f/m/x) with a degree in biology, ecology, geography, bioinformatics, semantics or comparable background
- Good knowledge of metadata schemas as well as existing vocabularies and ontologies with respect to biodiversity data
- Very good knowledge of the characteristics of biodiversity data in terrestrial, freshwater and marine realms
- Knowledge of relational database/information systems and quality controls; basic knowledge of the functioning or design of data (exchange) interfaces (API's)
- Independence in work organization and a high degree of personal responsibility
- Experience in project management
- Experience / interest in the preparation of scientific findings for practical use
- Very good written and spoken English language skills, German is an advantage
- Very good communication and teamwork skills
- Experience in scientific publishing

**We offer:**

- Excellent technical facilities which are without parallel
- The freedom you need to bridge the difficult gap between basic research and close to being ready for application
- Work in inter-disciplinary, multinational teams and excellent links with national and international research networks
- A vibrant region with a high quality of life and a wide cultural offering for a balance between family and professional life
- Interesting career opportunities and an extensive range of training and further education courses
- Remuneration up to the TVöD public-sector pay grade 13 including attractive public-sector social security benefits

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**More information about jobs at the UFZ:**

[www.ufz.de/career](http://www.ufz.de/career)

**Helmholtz-Zentrum für Umweltforschung GmbH - UFZ**

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**APPLY HERE!**