

For any questions, do not hesitate to ask:

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Place of work:
Freiberg

Working hours:
19,5 h/week

Deadline:
1 June 2019

Online application
<https://www.hzdr.de/jobs>
Job-Id: 42/2019 (813)



The HZDR is committed to equal opportunity employment and we strongly encourage applications from qualified female candidates. We also carefully consider all applications from job candidates with severe disabilities.

Helmholtz-Zentrum
Dresden-Rossendorf
Bautzner Landstraße 400
01328 Dresden

PhD Student (m/f/d)

A member of the Helmholtz Association of German Research Centers, the HZDR employs about 1,200 people. The Center's focus is on interdisciplinary research in the areas energy, health, and matter.

The Helmholtz Institute Freiberg for Resource Technology (HIF) pursues the objective of developing innovative technologies for the economy so that mineral and metalliferous raw materials can be made available and used more efficiently and recycled in an environmentally friendly manner.

As part of the Institute, the Department of Exploration invites applications as PhD Student (m/f/d).

The position will be available from 01. August 2019. The employment contract is limited to three years.

Tasks:

- developing multi-sensor and multi-temporal data fusion approaches
- developing and tuning deep learning and machine learning approaches for a given application
- publishing results in international peer-reviewed journals and participating in international conferences

Requirements:

- very good Master degree in geology, remote sensing, machine learning, or related fields
- experience in supervised and unsupervised learning
- experience in time-series data analysis
- experience in multi-sensor data analysis
- very good English language skills (both written and spoken)
- ability to work in an international context and willingness to work as a team

We offer:

- high scientific professional networking as well as scientific excellence
- internationality and diversity
- interesting and diverse tasks, flexible working hours, salary based on the collective agreement TVöD-Bund
- equality of opportunity and family-friendly structures, corporate health management
- attractive work and research terms in a highly motivated team

Kindly submit your completed application (including cover letter, CV, diplomas/transcripts, etc.) by 1 June 2019 **only** via **Online application** <https://www.hzdr.de/jobs>.