



Zentrale Universitätsverwaltung Abteilung 3 - Personal

**198/2019**

Halle (Saale), 08.02.2019

External Job Announcement Reg.-Nr. 5-1337/19-D

The Martin-Luther-University Halle-Wittenberg, Faculty of Natural Sciences III, Institute of Geosciences and Geography announces that a 3-year temporary position, **starting from 01.05.2019** as a

Research assistant / Research fellow (m-f-n)

is to be filled.

Fulltime employment (100%)

Depending on the task assignment and fulfilment of personal requirements the salary will be paid up to salary level 13 TV-L.

Skills & Qualifications:

- Master degree in geography, geology or equivalent, with a strong focus on hyperspectral (VNIR, SWIR, LWIR remote sensing, several years of professional experience or doctorate in the field are desirable
- Very good knowledge on the detection and quantification of mineralogical or geochemical parameters using spectral reflectance measurements (field, laboratory, airborne data)
- Excellent organization, prioritization and time management skills
- Experience in the planning and conduction of field campaigns
- Ability to conduct fieldwork, at times for long hours or under strenuous circumstances
- Excellent knowledge of English, basic knowledge of German; Basic knowledge Russian is an advantage
- Valid driver's license (equivalent German class B)
- Basic knowledge of R is desirable

Tasks:

- Development and implementation of a sampling and measurement design for the tailings
- Spectrometric measurements in field and laboratory (VIS/NIR/SWIR/LWIR)
- Model development for the detection and quantification of mineralogical and geochemical parameters using multi-sensor remote sensing data
- Development of a process chain for the evaluation of hyperspectral and hyperthermal data and integration of the results into a 3D tailing model
- active involvement in project management and reporting
- Presentation of the results in Mongolia and at international meetings

The Martin-Luther-University strives to employ more persons with disabilities and explicitly encourages applications. Furthermore, the Martin-Luther-University is committed to raising the proportion of women in underrepresented fields; we thus explicitly encourage applications by women.

For further details please contact Prof. Dr. Cornelia Gläßer, tel.: +49 (0)345 55-26020, fax: +49 (0)345 55-27168, e-Mail: <mailto:cornelia.glaesser@geo.uni-halle.de>

Applications quoting the **Reg.-Nr. -1337/19-D** with the common documents to the Martin-Luther-University Halle-Wittenberg, Faculty of Natural Sciences III, Institute of Geosciences and Geography, Prof. Dr. Cornelia Gläßer, Von-Seckendorf-Platz 4, 06120 Halle.

Closing date will be **22nd February 2019**.

Application costs will not be refunded by Martin-Luther-University. Application documents will only be send back if self-addressed stamped envelope has been attached. Electronic application is possible.