

## Job Advertisement No. B 73/14 (B1.5)

Keyword: „RoStratMet Biohydrometallurgie“

The Federal Institute for Geosciences and Natural Resources (BUNDESANSTALT FÜR GEOWISSENSCHAFTEN UND ROHSTOFFE, BGR) has a vacancy for a

### **Scientist (e.g. geomicrobiology/ electrochemistry / hydrometallurgy)**

#### Duties and Responsibilities:

BGR is doing research in the run-up to raw materials industry. Within the research project RoStratMet new ore deposit potentials for highly requested metals used in high technology applications shall be explored for a sustainable raw materials supply. The research combines three topics (1) ore deposit research concerning trace metal mineralization worldwide, (2) potential of economically critical metals in mine residues and (3) studies for the recovery of metals applying unconventional technologies. This work focuses on the processing of trace metal-rich ores using biohydrometallurgy.

- Development of processing technologies in laboratory scale using bioreactors and percolators as well as electrochemical methods
- Documentation of results in reports as well as in peer-reviewed publications

#### Requirement profile (mandatory)

- University degree (Master or comparable) in natural sciences or engineering with focus on geomicrobiology or electrochemistry or hydrometallurgy
- Published work in peer-reviewed journals
- Experience in at least one of the following subjects: geomicrobiology, electrochemistry or hydrometallurgy

#### Requirement profile (not mandatory)

- Ph. D.
- Experience in biohydrometallurgy
- Experience in the use of bioreactors for leaching
- Knowledge in modern metal ore processing technologies
- Knowledge in English

The fixed term position for three years (with option of extension) follows the act on temporary employment in higher education (WissZeitVG). Place of work is Hannover, Germany. This post is classified in the grade 13 of the Collective Agreement for the Public Services (TVöD).

BGR is an equal opportunity employer and encourages applications from women and severely handicapped persons. Part-time work is possible.

If you are interested in the vacancy, please send us your detailed application including CV and copies of relevant certificates. Please refer to the keyword “RoStratMet Biohydrometallurgie” and the reference number **B 73/14**.

Please submit your application until **11 July 2014** to

Federal Institute for Geosciences and Natural Resources (BGR)  
- Staff -  
Stilleweg 2, 30655 Hannover, Germany  
[jobs@bgr.de](mailto:jobs@bgr.de)

We ask you for your understanding that applications can only be sent back if a well addressed and well stamped envelope is attached.

More information about BGR can be found online at [www.bgr.bund.de](http://www.bgr.bund.de). For further information about this vacancy, you are welcome to contact Dr. Ingolf Dumke at [ingolf.dumke@bgr.de](mailto:ingolf.dumke@bgr.de) or by phone +49/511/643-2623.