

Hannover, 06.07.2021

The LEIBNIZ INSTITUTE FOR APPLIED GEOPHYSICS (LIAG) is looking for you to start as soon as possible with 75 % of the regular weekly working time for a limited period of 3 years as a

Research Assistant

Job advertisement: G 07/21

Keyword: „Bohrlochgeophysik und Klima Bosumtwi-See“

Your tasks:

In the DFG (German Science Foundation) project REFINE you will be responsible for the independent interpretation of borehole measurement data from the ICDP borehole of Lake Bosumtwi (Ghana), taking into account the findings of the neighbouring disciplines involved. The main focus of the analyses are the physical rock properties, climate signals, dust fluxes and the structural properties of Quaternary sediments. You will organise an international workshop and publish and present the results in English. The scientific work should further lead to a PhD.

Requirements profile:

- Scientific university degree (Master's degree or equivalent) in geophysics, geosciences, geology, geography, physics or comparable
- Basic knowledge of the Earth's climate system
- Basic knowledge of sedimentology
- Basic knowledge of geophysical rock properties
- Written and spoken English (comparable to level C1 GeR)
- Willingness to do a doctorate
- Independent and structured way of working
- Ability to work interdisciplinary in an international team (communication and teamwork skills)

Ideally, you also meet the following requirements:

- International experience/stay abroad
- Experience with programming in R and time series analysis
- Experience with dust in the Earth's climate system
- Experience with hosting events

We offer:

The Leibniz Institute for Applied Geophysics enjoys an excellent reputation both nationally and internationally. The institute is characterised by excellent infrastructural integration into the GEOZENTRUM Hannover, state-of-the-art and high-performance equipment (IT, laboratory, for fieldwork), strong networking and a friendly, professional and collegial working environment. The LIAG promotes the further education and training of its staff.

The place of employment is Hanover. The grouping is in pay group E 13 of the collective agreement for the public service (TV-L), taking into account § 40 No. 5 TV-L for the student assignment.

Applications are welcome from people of all nationalities, regardless of their origin, gender, religion or ideology, disability, age or sexual identity. The LIAG also pursues the goal of professional equality between women and men. We therefore particularly welcome applications from women in the above-mentioned areas. Within the framework of flexible working hours, we offer you a responsible and varied job that is also suitable for part-time employees and as a re-entry after parental leave.

The LIAG strives to increase the proportion of severely disabled people, so they will be given preferential consideration if they are equally qualified.

Please send your electronic application (a PDF with max. 10 MB) with informative documents without photo by **31.07.2021** to the director of the LIAG via career@leibniz-liag.de, quoting the job advertisement number **G 07/21** and the keyword "**Bohrlochgeophysik und Klima Bosumtwi-See**".

Further information about our institution can be found on the Internet at www.leibniz-liag.de. For further information, please contact Dr. Wonik at Thomas.Wonik@leibniz-liag.de.