Research Geophysicist

Keyworth, Nottingham

The British Geological Survey (BGS), part of the Natural Environment Research Council (NERC) which is itself part of UK Research and Innovation (www.ukri.org), is the world's longest-established national geological survey and the UK's premier centre for earth science information and expertise. A vacancy has arisen for an enthusiastic research geophysicist to be based at our office in Keyworth.

You will join an established, dynamic team of researchers with an extensive track record in the development of electrical (and allied) geophysical methods for monitoring complex, near-surface earth systems and processes. We have a strong focus on hydrogeophysical research, and have active projects concerned with landslide characterisation and monitoring, geo-energy, agriculture, groundwater-surface water interactions, permafrost, nuclear waste disposal, and contaminant transport problems. The successful candidate will undertake research to support and extend our existing activities, including developing our international geophysical observatory network for monitoring landslides and participating in the development of new monitoring infrastructure to underpin energy-related research.

With a PhD in geophysics or a related subject, relevant work experience and a track record of scientific publications (including first author), you should have the skills, knowledge and ability to solve practical and computational physics-based problems. This will include the ability to measure, analyse and interpret datasets acquired through undertaking field surveys, laboratory experiments or computer simulations. Familiarity with electrical methods (e.g. ERT, SP, and IP) is essential. We are seeking a candidate who has a full driving licence and is enthusiastic to travel widely, both within the UK and overseas, given that many of our projects are field-based and include international partners. You must possess good communication skills, both oral and written, and will be expected to publish your findings in the peer-reviewed literature. The post involves team working, therefore you should be able to work effectively with others in a strongly multidisciplinary environment, and have good time management skills.

Starting salary will be between £28,200 per annum and £30,600 per annum depending on qualifications and experience. Working hours will be 37 per week excluding lunch breaks. A generous benefits package is also offered, including a company pension scheme, childcare salary sacrifice scheme, 30 days annual leave plus 10.5 days public and privilege holidays.

This is advertised as a full time post but we will consider applications from those who require more flexible arrangements.

Applications are handled by the RCUK Shared Services Centre; to apply please visit our job board at http://www.topcareer.jobs/Vacancy/irc244981_8206.aspx and submit your up-to-date CV and covering letter, which clearly outlines why you are applying for this post and how you meet the criteria described in this advertisement. Applicants who would like to receive this advert in an alternative format (e.g. large print, Braille, audio or hard copy), or who are unable to apply online, should contact us by telephone on 01793 867003. Please quote reference number IRC244981.

Closing date for receipt of covering letters and CVs is 19 May 2018. Interviews will be held on 19 June 2018.

The Natural Environment Research Council is an equal opportunities employer and welcomes applications from all sections of the community. People with disabilities and those from ethnic minorities are currently under-represented and their applications are particularly welcome. The British Geological Survey is an *Investors in People* organisation and has achieved Bronze status for Athena Swan – a scheme that recognizes excellence in women's employment in science, technology, engineering, maths and medicine (STEMM) in UK higher education. There is a guaranteed Interview Scheme for suitable candidates with disabilities.

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