



## **Field Environmental Technician**

**UKRI – NERC – BGS**

**The Lyell Centre, Edinburgh**

**£19,136 to £20,800 per annum (depending on qualifications and experience)**

**Full-Time – 37 hours a week (a range of flexible working options may be available)**

**Fixed Term Appointment (until March 2020)**

### **About us**

The British Geological Survey (BGS) is an applied geoscience research centre that is housed in UK Research and Innovation (UKRI) and affiliated to the Natural Environment Research Council (NERC). It is a world leading geological survey that provides a core science mission to inform government of science related to the subsurface and its interfaces and also undertakes applied research for solutions to earth and environmental processes, both in the UK and globally. It is funded directly by UKRI as well as through research grants and via private sector contracts.

BGS has an annual budget of approximately £60 million and employs 650 people. It has two main sites, a head office in Keyworth near Nottingham and the Lyell Centre, which is a joint collaboration with Heriot Watt University in Edinburgh. BGS works with more than 150 private sector organisations as well as having close links with 40 universities and sponsors approximately 100 PhD students each year.

### **About the role**

The UK Geoenergy Observatories (UKGEOS) project is NERC's response to the UK Government's announcement in the 2014 Autumn Statement that it will allocate £31m to create world-class, subsurface energy research test centres, to be operated by the BGS.

The centres will allow independent, rigorous and replicable observations of subsurface processes and provide objective scientific evidence on the efficiency, environmental impact and sustainability of novel subsurface energy technologies, for the benefit of society and the economy. The UKGEOS centre in Scotland will focus on low temperature geothermal energy.

BGS is now seeking to appoint a Field Environmental Technician to be based in our Edinburgh offices and spend large periods of time at the UKGEOS site in Glasgow.

The specific tasks of the successful applicant will be to:

- Be present on-site during drilling to take cuttings samples, drill fluid samples, water samples etc. and to act as BGS contact point on-site.
- Working with the pump test contractors to provide oversight and take samples.
- Monthly site visits to undertake surface water and groundwater sampling and to download data from soil gas probes and data loggers.
- Undertake soil chemistry sampling and soil gas surveys.
- Maintenance duties, including maintenance of sampling and surveying equipment as well as maintenance of the seismic monitoring site.



You will also be expected to:

- Carry out basic data processing and interpretation.
- Contribute to the hydrogeological data analysis.

### **About you**

A 2:1 geoscience or environmental science degree OR significant (>3 years) relevant industry/academic experience in a related role and A-level/HND (or equivalent) in Science/Geography/Maths/Geology/Environmental Science subjects are essential.

The role will involve sampling and environmental geoscientific surveys (e.g. water, soil, gas) during and after borehole construction of the subsurface Observatory. Practical field experience of onshore borehole drilling and/or environmental sampling for fluids, waters, cuttings, gas, plus an enthusiasm for working outside for long periods are required.

A full driving license is essential.

### **What we offer**

A generous benefits package is also offered, including a very competitive pension scheme, 30 days annual leave plus bank holidays, free parking and access to flexi-time. For a salary at the top end of the advertised range, you will also need to meet the desirable criteria detailed on the TopCareer.jobs website.

We also offer the 'Bike to Work' scheme, free parking, health and wellbeing support, social clubs and on-site sports facilities.

Please note that any internal BGS staff applying for this post would, if successful, be appointed to new UKRI Terms and Conditions and pay.

### **How to Apply**

Applicants are required to include a cover letter outlining their suitability for this role. We would stress the importance of this paperwork in our selection process. **A well thought through application addressing the advertised essential and desirable criteria for the post will be considered far more favourably than a generic covering letter and CV.**

Applications are being handled by UK Shared Business Services, to apply please visit our job board at [http://www.topcareer.jobs/Vacancy/irc247893\\_9014.aspx](http://www.topcareer.jobs/Vacancy/irc247893_9014.aspx)

Applicants who are unable to apply online should contact us by telephone on +44 (0)1793 867000.

Closing date for receipt of applications is 21 January 2019. Interviews are likely to be held in mid to late February 2019 in Edinburgh.



BGS provides a range of flexible working options including flexible working patterns, compressed hours and home working so if you have a need for flexibility, please raise this in the recruitment process when your needs, balanced with the requirements of the role, will be fully considered.

We are committed to promoting equality and diversity across our organisation as well as across all areas of our science community. As such, we aim to have a workforce with employees from all backgrounds with people who are passionate about earth science and who share our commitment to work for the good of the environment and the benefit of society.

We will actively seek to avoid discrimination on the grounds of age, being or becoming a transsexual person, being married or in a civil partnership, being pregnant or on maternity leave, disability, race (including colour, nationality, ethnic or national origin), sex or sexual orientation.

The British Geological Survey is an Investors in People organisation and has achieved Bronze status for Athena SWAN – a scheme that recognises an organisation’s commitment and progress in developing a diverse and inclusive workforce.



<b>Specific Skills Criteria</b>		
	<i>Essential</i>	<i>Desirable</i>
<b>QUALIFICATIONS</b>	<ul style="list-style-type: none"> <li>• Either a 2:1 degree in a relevant subject (Geology, Environmental Science) <u>OR</u> significant (3+ years) relevant industry/academic work experience with A-level/HND (or equivalent) in either Geography, Mathematics, Geology, Environmental Science or other Science Subject</li> <li>• Full driving licence and a willingness to drive as part of the role</li> </ul>	
<b>EXPERIENCE</b>	<ul style="list-style-type: none"> <li>• Practical field experience in onshore borehole drilling and sampling and/or environmental sampling</li> <li>• Basic interpretation of borehole logs and hydrogeology data/reports</li> </ul>	<ul style="list-style-type: none"> <li>• Basic data/file management of documents and datasets</li> </ul>



<b>KNOWLEDGE</b>	<ul style="list-style-type: none"> <li>• Basic knowledge of borehole drilling operations</li> <li>• Basic knowledge of hydrogeology and its practical application to environmental problems</li> </ul>	
<b>SKILLS AND ABILITIES</b>	<ul style="list-style-type: none"> <li>• Ability to pass a test for a Construction Skills Certification Scheme (CSCS) card to work on a construction site</li> <li>• Proven ability of good time management skills</li> <li>• Flexibility to respond to the demand from different projects operating in parallel</li> <li>• Familiar with using IT packages such as Word, Excel, Powerpoint and GIS</li> </ul>	
<b>PERSONAL QUALITIES</b>	<ul style="list-style-type: none"> <li>• Willingness to spend long periods on an active borehole drilling site</li> <li>• Self-starter, initially under supervision but then able to lead field-based activities and project tasks unsupervised</li> <li>• Able to work as part of a team</li> <li>• Adaptable to change</li> </ul>	<ul style="list-style-type: none"> <li>• Alignment to BGS Core Values</li> </ul>
<b>MOTIVATION</b>	<ul style="list-style-type: none"> <li>• Demonstrates an interest in the work of BGS, NERC and UKRI</li> <li>• Displays an enthusiasm for their role and a desire to develop this further</li> </ul>	

