



Senior Engineering Geologist

UKRI – NERC – BGS

Keyworth, Nottingham

£37,789 to £41,988 per annum (depending on qualifications and experience)

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

Permanent Appointment

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 employees 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.

BGS is seeking to appoint a highly motivated and experienced individual to assume the role of Senior Engineering Geologist at our headquarters in Keyworth in Nottingham.

About the role

With proven experience of and a passion for Engineering Geology, your work will include:

- Manage and maintain the National Geotechnical properties database.
- Undertake and advise on geological and geotechnical 3D modelling.
- Responsibility for the BGS Geotechnical geographic information system (GIS).
- Advise on and undertake geotechnical data interpretation.
- Provide geotechnical expertise for BGS baseline and hazard products.
- Provide geotechnical expertise to the BGS enquiries service.

Geotechnical laboratory testing requirements will vary with the nature of research projects, but an aptitude for developing new methodologies would be an advantage. Overseas travel opportunities will vary depending on the research projects that you contribute to.

You will also be expected to:

- Maintain an up to date understanding of British and international standards relevant to Engineering Geology field and laboratory testing.
- Provide engineering geological support for various BGS fieldwork campaigns.
- Undertake engineering geological core logging (from BGS invasive SI campaigns) as required.



There will be an opportunity to host students and deliver peer review publications and you will be expected to actively participate in your own professional and personal development. You will join an established, dynamic team of researchers who work with UK and overseas partners, consortia and Higher Education Institutes to deliver research characterising UK rock and soil formations in terms of their lithological and engineering properties. The successful candidate will contribute to established projects as well as develop the team's research portfolio.

About you

With an MSc or a PhD in Engineering Geology or a related subject, you will have at least five years post MSc experience working in the field of Engineering Geology, either as an academic researcher or in industry.

You will be an enthusiastic team player able to lead and contribute to our commercial and research-driven portfolio of work by securing new funding and collaborations. As a senior member of the Engineering Geology Science Directorate, you will be expected to represent BGS externally and you will also mentor colleagues and assist in their development and career progression.

What we offer

A generous benefits package is also offered, including a very competitive pension scheme, childcare salary sacrifice scheme, 30 days annual leave plus bank holidays and access to flexi-time.

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/irc246860_8734.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 **Sunday 28 October 2018**.

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.

UKRI values diversity 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. There is a guaranteed Interview scheme for suitable candidates with disabilities.

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.



Specific Skills Criteria		
	<i>Essential</i>	<i>Desirable</i>
QUALIFICATIONS	<ul style="list-style-type: none"> • <i>Minimum 2:1 in Geoscience degree</i> • <i>MSc/PhD in relevant discipline</i> • <i>Full driving licence</i> 	<ul style="list-style-type: none"> • <i>Chartered status</i>
EXPERIENCE	<ul style="list-style-type: none"> • <i>Track record in the investigation, analysis of geotechnical data</i> • <i>Familiar with soil mechanics testing, and interpretation of results</i> • <i>Demonstrate team-working skills</i> • <i>Proven ability of good project and people management skills</i> • <i>Flexibility to respond to the demand from different projects</i> • <i>Proven oral and written communication skills</i> • <i>Project management experience</i> • <i>Work experience in a public sector (or commercial) environment</i> • <i>Budget management experience</i> 	<ul style="list-style-type: none"> • <i>Strong understanding of UK geology</i> • <i>Demonstrate experience of writing commercial project proposals and/or research grants</i> • <i>Committee experience, e.g. representation at BS committees would be valuable</i> • <i>Management / supervisory experience</i> • <i>Work in a research and customer service environment</i> • <i>Experience of working with a Shared Services Centre</i> • <i>Experience of specific processes / systems (eg computerised finance system / computerised HR system)</i>
KNOWLEDGE	<ul style="list-style-type: none"> • <i>Knowledge of specific IT packages / approaches, including Access, Excel, Word, Powerpoint and ArcGIS</i> • <i>Knowledge of data basing techniques for managing geotechnical data, e.g. AGS format</i> 	<ul style="list-style-type: none"> • <i>Contaminated Land</i> • <i>Hydrogeology</i> • <i>Geohazards</i>



	<ul style="list-style-type: none"> • Knowledge of British Standards relating to ground investigation and laboratory testing • Knowledge of a broad range of ground investigation techniques and geotechnical laboratory testing • Knowledge of UK lithostratigraphy 	
SKILLS & ABILITIES	<ul style="list-style-type: none"> • Ability to present their science clearly to non-scientists • Excellent presentation skills • Effective written communication skills • Ability to work unsupervised • Good attention to detail • Ability to prioritise work and meet tight deadlines • Ability to work within a variety of teams, demonstrating an ability to lead teams and to participate as a team member • Flexible approach • Able to assimilate field and laboratory data for geological interpretation • Experience of developing conceptual ground models 	<ul style="list-style-type: none"> • Ability to train students • Ability to empathise with the needs of the business and colleagues and relate this to your support role in the organisation • Experience of managing small teams
PERSONAL QUALITIES	<ul style="list-style-type: none"> • Approachable • Alignment to BGS Core values 	<ul style="list-style-type: none"> • Able to travel off-site in the UK and abroad occasionally
MOTIVATION	<ul style="list-style-type: none"> • Demonstrates an interest in the work of BGS and UKRI • Displays an enthusiasm for their science / their role and a desire to develop this further • Demonstrate an interest in their own Continuing Professional Development • Demonstrates curiosity, practicality and a drive to resolve scientific and engineering problems 	

