



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 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.

BGS has an opportunity for a highly motivated and experienced scientist to assume the role of Senior Engineering Geologist based at our headquarters in Keyworth in Nottingham.

About the role

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

- Interpretation of geotechnical data.
- Attribution of 3D geological models with geotechnical data.
- Provide Engineering Geology expertise to feed into ground performance models.
- Knowledge of geotechnical laboratory testing.
- To provide geotechnical expertise to external enquiries.

Geotechnical laboratory testing requirements will vary depending on the nature of your particular research projects, but an aptitude for developing new methodologies would be a distinct advantage. There will be some overseas travel opportunities but these will vary depending on the research projects that you are involved in.

You will also be expected to provide engineering geological support for various fieldwork campaigns and undertake engineering geological core logging (from BGS invasive SI campaigns). You will be required to maintain an up to date understanding of British and



international standards relevant to engineering geology field and laboratory testing. There will be an opportunity to host students and deliver peer review publications and you will take an active role in your own Continuing Professional Development.

You will join an established and 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. You 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 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 Science Directorate, you will be expected to represent BGS externally and you will also mentor colleagues and assist in their development and career progression.

Please also refer to the specific essential and desirable skills criteria for this post.

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/irc248641_9236.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 4 April 2019.



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.



Specific Skills Criteria		
	<i>Essential</i>	<i>Desirable</i>
QUALIFICATIONS	<ul style="list-style-type: none"> • Minimum 2:1 degree in a Geoscience subject • MSc/PhD in a relevant discipline (or equivalent work experience) • Full driving licence 	<ul style="list-style-type: none"> • Chartered status
EXPERIENCE	<ul style="list-style-type: none"> • Track record in the investigation and analysis of geotechnical data • Familiar with rock and soil mechanics testing and interpretation of the results, both in a laboratory and on-site • Demonstrable team working skills 	<ul style="list-style-type: none"> • Strong understanding of UK geology • Demonstrable experience of writing commercial project proposals and/or research grants



	<ul style="list-style-type: none"> • Proven ability of good project and people management skills • Flexibility to respond to the demand from a number of different projects • Proven verbal and written communication skills • Relevant work experience in a public sector (or commercial) environment • Budget management experience 	<ul style="list-style-type: none"> • Team management/supervisory experience • Work experience in a research and customer service environment • Experience of working with a Shared Services Centre • Experience of specific processes/systems (e.g. computerised finance and HR systems)
KNOWLEDGE	<ul style="list-style-type: none"> • Knowledge of UK lithostratigraphy • Knowledge of specific IT packages/approaches, including Microsoft Access, Excel, Word, Powerpoint and also ArcGIS • Knowledge of British Standards relating to ground investigation and laboratory testing • Knowledge of a broad range of ground investigation techniques and geotechnical laboratory testing 	<ul style="list-style-type: none"> • Knowledge of Geohazards • Knowledge of data basing techniques for managing geotechnical data e.g. AGS format
SKILLS AND ABILITIES	<ul style="list-style-type: none"> • Ability to present your science clearly to non-scientists • Excellent presentation skills • Ability to work unsupervised • Very good attention to detail • Ability to prioritise your work and meet tight deadlines • Ability to work in a variety of teams, demonstrating leadership and participating as a team member • Flexible approach • Ability 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 role in the organisation
PERSONAL QUALITIES	<ul style="list-style-type: none"> • Approachable • Demonstrates an alignment to BGS Core Values • Professional attitude 	<ul style="list-style-type: none"> • Ability to travel off-site and abroad occasionally



MOTIVATION

- Demonstrates an interest in the work of BGS, NERC and UKRI
- Displays an enthusiasm for your science and a desire to develop this further
- Demonstrates an interest in your own Continuing Professional Development
- Demonstrates curiosity, practicality and a drive to resolve scientific and engineering problems

