



**British  
Geological Survey**  
Expert | Impartial | Innovative

## **Senior Petroleum Geoscientist**

**UKRI – NERC – BGS**

**Lyell Centre, Edinburgh**

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

**Full-Time – 37 hours a week**

**Permanent**

### **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 is seeking to appoint a highly motivated and experienced individual to assume the role of Senior Petroleum Geoscientist at our offices in Edinburgh.

### **About the role**

With proven experience of and a passion for petroleum geoscience, your work will include:

- Contribute to and lead a range of commercial and research-orientated petroleum geological projects. This will include reviews of basin-scale hydrocarbon prospectivity; regional play analysis; capacity building for geoscience in developing countries and detailed source rock studies.
- Provide technical expertise in petroleum geochemistry and have a detailed knowledge of hydrocarbon source generation, maturation and migration.
- Work closely with BGS geochemical laboratories and other organic geochemists in our Keyworth office to meet project requirements.
- Take a lead role in increasing the scientific research profile of the petroleum team through publications and high impact innovation activities.
- Engage and collaborate with other academic institutions and external stakeholders to develop a strong externally funded research programme.

You will also be expected to:

- Publish scientific papers and present at conferences.
- Mentor junior staff and assist in their technical development.

- Communicate effectively with BGS corporate management to progress opportunities.
- Participate in continued professional and personal development.

You will join an established, dynamic team of researchers who work with UK and overseas governments, other national geoscience organisations, oil company consortia and Higher Education Institutes to deliver research, geological advice and services in support of exploration and development activity in the fields of sub-surface geology, basin analysis and hydrocarbon systems. The successful candidate will contribute to established projects as well as develop the team's research portfolio.

### About you

With a PhD in Petroleum Geoscience or a related subject, you will have at least 10 years post PhD experience working in the field of sedimentary basin analysis, either as an academic researcher or in industry. In particular, you will have expertise in the application of petroleum geochemistry.

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 Petroleum Geoscience Team, you will be driving our understanding of petroleum geology in a wide variety of basins both in the UK Continental Shelf and worldwide. 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. Please note that any internal BGS staff applying for this post would, if successful, be appointed to new UKRI Terms and Conditions.

### 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/irc245875\\_8429.aspx](http://www.topcareer.jobs/Vacancy/irc245875_8429.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 **Friday 10 August 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>
<b>QUALIFICATIONS</b>	<ul style="list-style-type: none"> <li>PhD in Petroleum Geoscience or a related subject</li> </ul>	
<b>EXPERIENCE</b>	<ul style="list-style-type: none"> <li>At least 10 years relevant post PhD work experience and direct experience in integrating geochemistry with basin analysis</li> <li>Strong track record of leading academic research, evidenced through scientific publications and/or significant written contributions to industry reports and conference presentations</li> </ul>	
<b>KNOWLEDGE</b>	<ul style="list-style-type: none"> <li>Ability to incorporate a variety of geological and geophysical data into an integrated petroleum systems evaluation</li> <li>Expertise in petroleum geochemistry with the ability to plan sample acquisition programmes</li> <li>Competent in subsurface geological interpretation, with a skill-set that can be applied both to hydrocarbon and renewable energy sources such as carbon capture</li> </ul>	
<b>SKILLS &amp; ABILITIES</b>	<ul style="list-style-type: none"> <li>Effective written and oral communication skills</li> <li>Ability to work unsupervised and in a team</li> <li>Ability to prioritise work and meet tight deadlines</li> <li>Ability to adapt to changing priorities</li> <li>Ability to mentor and motivate the junior geologists within the Petroleum Team</li> </ul>	
<b>PERSONAL QUALITIES</b>	<ul style="list-style-type: none"> <li>Able to travel off-site including overseas travel</li> </ul>	
<b>MOTIVATION</b>	<ul style="list-style-type: none"> <li>Demonstrates an interest in the work of BGS</li> <li>Displays an enthusiasm for their science, their role and has a desire to develop this further</li> <li>Demonstrates a commitment in their own Continuing Professional Development</li> <li>Demonstrates curiosity and a drive to resolve scientific problems</li> </ul>	

