



Intern – Groundwater
UKRI – NERC BGS
Wallingford, Oxfordshire
£15,302 per annum (*pro-rata*)
Full-Time – 37 hours a week
Short-Term Placement (6 months)

About Us

The British Geological Survey (BGS) is a partner organisation within UK Research and Innovation (UKRI). UKRI is a new entity that brings together nine partners to create an independent organisation with a strong voice for research and innovation and a vision to ensure the UK maintains its world-leading position in research and innovation.

The British Geological Survey (BGS), part of the Natural Environment Research Council (NERC) is one of the world's leading and forward thinking geological science institutes with a focus on both public good science for government and geoscientific research to understand earth and environmental processes.

An opportunity has arisen for a highly motivated individual to undertake a 6 month internship placement from September/October 2018 within the Groundwater Directorate at our offices in Wallingford.

About the role

The internship will support a NERC knowledge exchange fellowship that aims to improve access to information and data on karst in the Chalk and Jurassic and Permian limestone aquifers in England, to assist with groundwater management and protection.

The post is office based, and the successful candidate will carry out a number of tasks to assist with data collation and preparation of material for webpages, and for research on the classification of karst aquifers. Work will include:

- 1) Compilation of data on karst springs, stream sinks and caves
- 2) Compilation and analysis of tracer testing data
- 3) Basic analysis of groundwater quality data
- 4) Preparation of GIS figures illustrating the distribution of karst features
- 5) Preparation of text to produce webpages on karst.

About you

This placement is specifically targeted at undergraduates or recent graduates with minimal experience in industry or professional research environments, who are eager to learn and gain valuable experience from the world leading scientists at BGS.



Candidates should currently hold or be studying for a degree in Geography, Geoscience or a related subject and demonstrate an enthusiasm and curiosity for the science of the natural environment, and should have an interest in hydrogeology and/or karst and tracer testing.

Previous experience of using a GIS package will be required as well as competent use of MS Office packages (Excel, Word, PowerPoint, and Access). Experience of synthesising data and research literature, and communicating it effectively would be beneficial.

Candidates should possess a good degree of numeracy, and knowledge of basic data analysis methods would be advantageous.

What we offer

Salary will be £15,302 per annum (*pro-rata*) with 37 working hours per week excluding lunch breaks. A generous benefits package is also offered, including 30 days annual leave (*pro-rata*) plus bank holidays.

How to Apply

Applications are being handled by the BGS Groundwater Directorate. To apply, please submit a CV and a covering letter which clearly outlines why you are applying for this post and how you meet the skills and experience criteria set out in the role description. These documents and any queries about the role should be e-mailed to Louise Maurice, loma@bgs.ac.uk.

Closing date for receipt of applications is **Friday 6 July 2018**.

Our vision at the British Geological Survey is to be a global geological survey, working with new technology and data to understand and forecast the geological processes that matter to peoples' lives and livelihoods. To achieve that vision, we need to nurture our people, providing the best working conditions and facilities in an inclusive and flexible environment.

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 and 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.



Specific Skills Criteria

	<i>Essential</i>	<i>Desirable</i>
QUALIFICATIONS	<ul style="list-style-type: none"> Must either have completed or be currently studying for a degree in Geography, Geoscience, Environmental Science or related subject 	
EXPERIENCE		<ul style="list-style-type: none"> Experience of undertaking literature searches
KNOWLEDGE	<ul style="list-style-type: none"> Some knowledge of hydrogeology and/or karst and tracer testing would be advantageous 	
SKILLS & ABILITIES	<ul style="list-style-type: none"> Competent user of standard software applications, including MS Office (Word, Excel, Powerpoint, Access) Experience in the use of GIS applications (e.g. ArcGIS, QGIS, MapInfo) Ability to write clearly and concisely for a general audience Good written and spoken communication skills 	<ul style="list-style-type: none"> Excellent level of numeracy, including skills in data analysis and/or basic statistical methods
MOTIVATION	<ul style="list-style-type: none"> Must demonstrate an interest in and enthusiasm for working at BGS or within the wider Geoscience / Environmental Science community Should have an interest in karst hydrogeology and tracer testing 	