



STATISTICS LEAD

The British Geological Survey (BGS) 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. A vacancy has arisen for a highly motivated and enthusiastic Statistics Lead at our headquarters in Keyworth, Nottingham.

You will lead and develop BGS's statistical capability. You will be expected to have a strong track record of publications in statistical methodology and applications with an established reputation in fields related to the applications of statistics to the geosciences. You will sit within the BGS GeoAnalytics and Modelling Science Directorate where you will be expected to lead in the development of research proposals and support product and service development.

The work will be mostly UK based but there may also be opportunities to work overseas for short periods of time. You will work as part of a directorate's data Analytics team and provide the leadership and expertise required to develop, apply and advise on the use of statistical methods, and other mathematical and analysis techniques to a range of geoscience problems. You will be expected to develop statistics more generally within the whole organisation, and in collaboration with other academic and industrial partners.

As part of the community of statisticians in BGS you will be expected to share your knowledge and input to progress and develop new research ideas and projects. You will also be required to lead on proposal writing for UKRI calls and the development of commissioned research with industry. You must therefore have an outstanding knowledge of statistical methods in the environmental sciences such as: Sample survey planning, linear mixed modelling including geostatistical methods, time series modelling, generalized linear models, multivariate methods, statistical inference, experimental design, and extreme value theory and modelling in a Bayesian computational framework.

You should have a PhD in applied statistics or mathematics with environmental science experience. You should have excellent communication skills, both oral and written. The post will involve multidisciplinary team working, therefore you must be able to work effectively with scientists in different disciplines.

Starting salary will be between £45,271 per annum to £49,207 per annum depending on qualifications and experience. Working hours will be 37 per week excluding lunch breaks. A generous benefits package is also offered, including a company pension scheme, childcare allowance, free parking, 30 days annual leave plus 10.5 days public and privilege holidays.

This is advertised as a full time post but we will consider applications from those who require more flexible arrangements.

Applications are handled by the RCUK Shared Services Centre; to apply please visit our job board at http://www.topcareer.jobs/Vacancy/irc243107_7612.aspx and submit your up-to-date C.V.



and covering letter, which clearly outlines why you are applying for this post and how you meet the criteria described in this advertisement. Applicants who would like to receive this advert in an alternative format (e.g. large print, Braille, audio or hard copy), or who are unable to apply online should contact us by telephone on 01793 867003, Please quote reference number IRC243107

Closing date for receipt of application forms is 15 November 2017.

From April 2018, BGS, a component part of the Natural Environment Research Council, will be part of UK Research and Innovation. UK Research and Innovation will bring together the seven Research Councils, Innovate UK and a new organisation, Research England. The vision for the new organisation is to be the best research and innovation organisation in the world. More information can be found online at <http://www.ukri.org>. From April 2018, you will be employed by UK Research and Innovation.

The Natural Environment Research Council is an equal opportunities employer 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. The British Geological Survey is an *Investors in People* organization and has achieved Bronze status for Athena Swan – a scheme that recognizes excellence in women's employment in science, technology, engineering, maths and medicine (STEMM) in UK higher education. There is a guaranteed Interview Scheme for suitable candidates with disabilities.

