



## **Geospatial Analyst (Standards) – IRC245552**

**UKRI- NERC BGS**

**Keyworth, Nottingham or Edinburgh**

**£30,357 - £37,947 (depending on qualifications and experience)**

**Full time**

**Open Ended**

### **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), founded in 1835 is part of the Natural Environment Research Council (NERC) and is the world's longest-established national geological survey and the UK's premier centre for earth science information and expertise.

### **About the role**

As a BGS Geospatial Analyst (Standards) we would like you to play a leading role in promoting the use of standards to facilitate the provision of integrated information systems within the work of BGS Informatics. You would also engage in the development of spatial data standards by working with UK, EU and international committees agreeing standards for spatial data exchange and applying them to a geoscience context. In this role you would have the opportunity to engage in a range of research infrastructure and data sharing projects and initiatives such as EPOS, GeoERA, the Research Data Alliance (RDA) and OneGeology. You would engage in defining and utilising standards and architectures for data sharing and you would engage with international committees developing vocabularies and ontologies to promote data interoperability across the geosciences. In this role you will also have the opportunity to undertake international projects assessing an organisation's data management/delivery capability, doing requirements analysis, writing up reports and advising on their geoinformatics roadmap.

### **About you**

You will have a strong background in Spatial Data and related Geographic Information Systems (GIS) and database systems. You will possess strong technical skills with a good understanding of geospatial web services and other technologies relevant to standards application and development such as UML modelling and being able to work with XML; developing transformations, maintaining and managing XML schemas, and implementing validation rules.

You will be able to persuasively advocate the value of spatial data standards to a range of technical, scientific and non-technical/scientific audiences and you will be able to communicate your work and the work of the Informatics team through conference presentations, attendance at workshops and through written papers.



We are effectively looking for a GIS professional who is enthusiastic about spatial data standards, who will proactively drive these forward.

You should be educated to 2:1 in a relevant degree and have an MSc/PhD or relevant experience working with Spatial Data Standards or a field strongly related to Spatial Data in the Geosciences (e.g. Geographic Information Science, Geography/Geology). In addition to your technical abilities, you must also possess excellent communication skills, both oral and written. The post involves team working, therefore you should be able to work effectively with others and have good time management skills. In addition you should be committed to your own continuous professional development to maintain an up to date and relevant skills profile. The work will be mostly UK based but there may also be a requirement to work overseas for short periods of time.

### **What we offer**

A generous benefits package is also offered, including a company pension scheme, childcare salary sacrifice scheme, 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

### **How to Apply**

Applicants are required to include a cover letter outlining their suitability for this role.

Applications are handled by UK Shared Business Services, to apply please visit our job board at [http://www.topcareer.jobs/Vacancy/irc245552\\_8354.aspx](http://www.topcareer.jobs/Vacancy/irc245552_8354.aspx) Applicants who are unable to apply online should contact us by telephone on +44 (0)1793 867000.

**The closing date for applications is 11 July 2018, interviews will be held on the 1 and 2 August 2018.**

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.





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