



Coastal Geomorphologist

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 an experienced coastal geomorphologist to lead our coastal change research programme within the Climate and Landscape Change directorate at our headquarters.

You will join a team focused on quantifying the dynamic behaviour and sensitivity of coastal systems to environmental changes and human impacts. You will develop and apply innovative behavioural models of coastal change that are directly relevant to a wide-ranging set of stakeholders at human to planning (centennial) time scales. Models will be developed and applied in concert with field work and the acquisition of targeted observations, and therefore experience in the development of novel sensors will be welcome. You will be responsible for the continued development and application of existing and new models of coastal change across the suite of coastal environments, driven by both outstanding scientific questions and the requirements of coastal stakeholders. Specifically, this will include continued development of our new coastal change model COVE (Hurst et al., 2015, JGR Earth Surface), which should engage bio-ecological processes and a greater variety of coastal types, and be informed by hydrodynamic principles while at the same time be able to simulate the emergence of coastal features in an exploratory (complexity) mode.

You will have strong knowledge and academic background in the practice and theory of coastal morphodynamics informed by a good understanding of hydrodynamics, and will hold a PhD in a relevant subject area. You will have a peer-reviewed, published record of accomplishment commensurate with your career stage. In addition, you should have a broad understanding in geomorphology and the concomitant ability to work with other BGS geomorphologists. You will be expected to seek external funding through the development of national and international research collaborations. You will have excellent oral and written communication skills and be able to articulate the research to both scientists and stakeholders.

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

The position is available from 1 June 2016, or as soon thereafter as possible.

Starting salary for this permanent role is £28,200 per annum to £38,254 per annum depending on qualifications and experience. For a salary above £35,222 per annum, we will be looking for candidates with demonstrable evidence of having successfully managed projects and relevant practical knowledge of a wide-ranging set of coastal environments.

Working hours will be 37 per week excluding lunch breaks. A generous benefits package is also offered, including a company pension scheme, childcare voucher scheme, 30 days annual leave plus 10.5 days public and privilege holidays.



Applications are managed by the RCUK Shared Services Centre; to apply for this post please visit our job board at http://www.topcareer.jobs/Vacancy/irc223230_6353.aspx and complete an online application form. 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 IRC223230.

Closing date for receipt of applications is 16 May 2016. We anticipate holding interviews in late May, 2016.

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.

NATURAL ENVIRONMENT RESEARCH COUNCIL