



Job Description

General Details

Job title:	Research Assistant - GIS Landscape Analysis (Ref: CES12-27)
Faculty/School/Service:	Faculty of Computing, Engineering and Sciences
Normal Workbase:	Stoke Campus (Science Centre)
Tenure:	Fixed term appointment from June 2013 until 31 August 2014 (15 months, with possible extension for a further 24 months)
Hours/FTE:	Full-time (37 hours per week)
Grade/Salary:	Grade 5, currently £22,020 - £25,504 per annum
Date Prepared:	April 2013

Job Purpose

To undertake GIS processing and analysis to support the project leader in quantifying the quality of Welsh landscapes being surveyed as part of the 4 year Welsh Government AXIS II monitoring programme. The post holder will be responsible for spatial data management of a large number of survey sites, construction of 3D landscapes, calculation of viewsheds and other landscape quality measures.

Relationships

Reporting to:	Dr Ruth Swetnam, Lecturer
Responsible for:	Not applicable

Main Activities

- To carry the following research tasks:
 - Spatial analysis and data management for 1km square sites throughout Wales (approx. 90 per annum).
 - GIS processing of these digital data to assign landscape quality codes and to generate statistics and summary results as input to the project reporting cycle.
 - GIS processing to construct 3D versions of these study sites and to calculate view-sheds from public rights of way from both within and outside the sites.
- To undertake literature searches and present information in an appropriate format.
- To prepare concise research reports and present research data in a clear and logical manner.
- To present papers at conferences if appropriate
- To liaise with and co-ordinate research with research partners
- To maintain close collaboration with other Work Packages in the research programme to ensure consistent standards of data processing, quality and documentation.

Special Conditions

The role holder will be expected to travel occasionally to project meetings in Bangor, Cardiff and London. These may entail an overnight stay.

Variation to Job Description

Staffordshire University reserves the right to vary the duties and responsibilities of its employees within the general conditions of the Scheme of pay and conditions and employment related matters. Thus it must be appreciated that the duties and responsibilities outlined above may be altered as the changing needs of the service may require.

Conditions of Service

The post is subject to such terms and conditions of employment as negotiated between the Board of Governors of the University and the recognised trade unions, and/or the employees of the University. In negotiating such terms and conditions the Board of Governors will consider any appropriate advice received from the Universities and Colleges Employers Association (UCEA).

Informal Discussion

Should you wish to discuss this vacancy informally before making an application please contact:

Dr Ruth Swetnam on 01782 295934 or via email - r.d.swetnam@staffs.ac.uk

Application Procedure

We encourage you to apply on-line at our website <http://jobs.staffs.ac.uk> as the system is user friendly and simple to complete.

Please note that the University will not consider a Curriculum Vitae attached in support of your application and will not use this document in the shortlisting process. Consequently, we would ask all applicants to ensure that they have provided comprehensive information under each criteria in the Supporting Statements section of the application form and, if necessary, add any relevant additional information in the Additional Information Section.

The closing date is midnight on Friday 17 May 2013.

For information, it is anticipated that interviews will be held during the week commencing 3 June 2013.