Job Profile

##### Job title GIS Consultant

##### Responsible to SWT Ecology Services Operational Manager and SWT GIS and Data Manager, Research and Monitoring

##### Direct reports None

#### Overall purpose of job

Working primarily for SWT Ecology Services, preparation of high-quality maps for ecological reports, to include data analysis and support to improve ecological data collection.

#### Main responsibilities

* Support SWT ES ecological team through general use, set up, review and finalisation of spatial data.
* Professional and active communication with team members, clients and third parties.
* Active involvement in improving data collection methods.
* Supporting the ecological team in collating and managing ecological data
* Manage and collate data in line with SWT ES’ quality management systems, ensuring technical robustness.
* Carry out desk studies, research and manage data
* Prepare high quality maps for technical reports

#### Personal Specification

##### Experience

* Demonstrable experience and sound understanding of ESRI’s suite of GIS software, including ArcGIS Pro, ArcGIS Online and Survey123
* Demonstrable experience and sound understanding of advanced extensions/features of ArcGIS such as Spatial Analyst
* Experience in the management and use of spatial data from varying sources in varying formats (including CAD)
* Preferably at least one year’s experience in production of clear survey maps, report figures, biodiversity net gain assessments and data analysis
* Experience in managing and supporting mobile data capture used in the field.
* Experience using LandApp would be helpful
* Experience in a relevant workplace (consultancy or public sector) is beneficial
* Effective communication, visual communication and analytical skills; ability to communicate to a non-technical audience.
* Excellent IT skills; ability to work with Microsoft Office package (Excel, Word)
* Experience with coding languages (in particular Arcade and Python) is not necessary but highly beneficial

##### Education

* Degree in relevant subject advantageous
* Additional GIS related qualifications (e.g. ESRI Academy) are beneficial to demonstrate competency

##### Personal qualities

* Enthusiastic with an ability to inspire others
* Dedicated, proactive, adaptable and flexible to your approach to work
* Be personable and a team player with the ability to work on own initiative and independently when required.
* The ability to deal with a wide variety of people in a friendly and professional manner
* Willingness to train and mentor staff within the team and SWT in data collection and interpretation
* Ability to work under pressure, manage competing workloads and to meet deadlines
* Passionate about nature conservation and the ethos of the Wildlife Trusts

Note: This role will ideally be hybrid, based jointly in Pirbright and at home, but full remote working will be considered.

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