



JOB DESCRIPTION

Job title
Graduate Scientist / Field Technician
Name of person or job role reporting to
To be confirmed
Responsibilities
<ul style="list-style-type: none">• Literature reviews and data mining from governmental reports, academic publications, and grey literature• Perform GIS analysis for fluvial geomorphic research (e.g. DEM processing, satellite products, geomorphic/geologic mapping, flood hazards, hydrological data, sedimentological and geophysical digital products)• Supporting topographic, morphological, hydrological, or other physical river assessments• Processing collected data and generating required outputs• Provision of technical input to project reports and proposals• Communicating regularly with project managers and other technical team members• To ensure maximum flexibility and to reflect the Company's evolving needs, you may be asked to perform additional tasks that may be reasonably expected within your level of capability without additional remuneration.
Qualifications/Experience
<p>Essential Criteria:</p> <ul style="list-style-type: none">• Be educated to at least degree level in a relevant subject, with an interest/ understanding of river environments (e.g. physical geography, environmental science or related fields)• Be eligible to work in Ireland• A willingness to travel and undertake fieldwork in adverse weather conditions within Ireland, and overseas when necessary (e.g. UK, Norway, Iceland)• Proficient with a suite of Microsoft products (e.g. excel, word)• Experience with GIS software (QGIS or ArcGIS)• Good communication skills (e.g. oral presentations and report writing)• Ability to use initiative and best-judgement to resolve problems• Full driving licence <p>Desirable Criteria:</p> <ul style="list-style-type: none">• Experience in undertaking a comprehensive literature review (e.g. as part of a degree program or a previous role)• Some field work experience in ecology, fluvial geomorphology, or hydrology• A knowledge of surveying and the use of field equipment (e.g. RTK-GPS, Total Station) and associated processing software• Experience with CAD software• Knowledge on DEMs and their processing/analysis



I hereby agree that I have read and understood the job description.

Signed

Date

Name