



JBA CONSULTING ENGINEERS AND
SCIENTISTS LIMITED



#JOB-2458963



JBA CONSULTING, Lincoln House, Lincoln
Lane, Arran Quay, Dublin 7, D07 Y75P



No of positions : 1



Paid Position



37.5 hours per week



40000.00-45000.00 Euro Annually



20/07/2026



17/08/2026

How to apply

Application Method :

Please apply to the vacancy by the following means:

URL :

<https://tinyurl.com/JBA-Hydromorph-job>



Open your camera
app & point here
to view this ad
online



Analyst in Hydromorphology and Flood Risk Management

Application Details

In order to work in Ireland a non-EEA National, unless they are exempted, must hold a valid employment permit. Please review the [Eligibility and requirements for an employment permit](#) if you are unsure of your eligibility to apply for this vacancy.

Job Description

This exciting role offers the opportunity to be involved in projects across Ireland and internationally, including:

- River condition assessments
- River restoration
- Assessment of catchment hydrology and river processes
- Developing and applying decision support tools for appraising river and catchment management and restoration.
- Environmental Impact Assessment (water and river processes)
- Disaster Risk Management and Strategic Investment Planning in an international context.

The key areas of responsibility associated with this role will be:

- Managing and working with various kinds of data, including spatial data;
- Analysing data sets using MS Excel, QGIS, and if experienced, software such as R;
- Map creation and data visualisation;
- Contributing to the assessment of baseline conditions e.g., hydromorphological condition of river water bodies under the Water Framework Directive.
- Contributing to the identification, assessment, and design of options to e.g., improve river and habitat condition, mitigate/reduce natural hazards risks or impacts.
- Help to plan and undertake site surveys and fieldwork utilising established fluvial geomorphological methods (RHAT, Fluvial Audit, historical planform reconstruction) and other survey techniques (e.g., drone flyovers);
- Contribution to a EU Horizon research project to develop decision making framework and tools for appraising and progressing sediment restoration initiatives;
- Help translate technical river sediment or water quality studies into clear policy and environmental management recommendations;

We are looking for a candidate who:

- has a technical background in Earth Science, General Science, or Physical Geography.
- has a strong conceptual understanding of catchment processes (e.g., hydrology, fluvial geomorphology, soils, geology).
- has knowledge of geomorphic restoration approaches for lowland rivers.
- shares our keen interest in helping our clients identify effective ways to improve environmental condition and manage risk.
- displays initiative and has effective communication skills in multi-cultural professional environments.
- has strong critical thinking skills.
- is interested in doing fieldwork.
- has fluency in foreign languages, especially Arabic.

Qualifications

The right candidate will have:

- Degree and postgraduate qualifications in environmental science, environmental engineering or applied eco-hydrology (Minimum Level 8) and experience in a specific environmental area such as Geography, Fluvial Geomorphology; Disaster Risk Management; Geology, Earth Science.
- Graduate member of a relevant institute (e.g. CIEEM, CIWEM or RGS), or working towards membership.
- Minimum 2 years relevant professional work experience.

Applications are to be submitted online at the following address which includes the full version of the job specification summarised above: <https://tinyurl.com/JBA-Hydromorph-job>

- **Sector:** professional, scientific and technical activities

Career Level

- Experienced [Non-Managerial]