**Associate – Flood Risk & Hydraulic Modelling**

**Essential Skills / Experience / Qualifications:**

* Degree in Civil/Structural/Environmental Engineering or equivalent with post-qualification experience that enables you to manage project delivery and provide leadership within an engineering consultancy
* Proven record delivering Flood Alleviation schemes, Flood Risk Assessments and Drainage Strategies. Deep knowledge of the regulatory system to ensure that designs and projects comply with relevant laws and regulations.
* Proficiency in engineering software tools, such as Autocad, ArcGIS and Hydraulic Modelling software (e.g., Infodrainage, Flow, HEC-RAS, TUFLOW, Flood Modeller)
* Strong project management skills, including planning, scheduling, budgeting, and resource allocation.
* Able to communicate effectively with team members, clients, stakeholders, and regulatory authorities.
* Leadership skills such as mentoring & team building
* Engage in activities involved in staying up to date with the latest advancements, technologies, and industry trends to provide cutting-edge solutions and maintain your expertise.
* Demonstrate a high standard of ethics and professionalism is essential in any engineering role. This includes ensuring the safety, reliability, and ethical considerations of your designs and decisions.
* Ability to work with clients directly or through project managers.
* Membership with CIWEM or working towards membership of this professional body.
* Full UK driving license

**Tasks that will be required of you:**

* Lead a dedicated team of hydraulic modelers & engineers
* Establish best practices, driving innovation, and contributing to the success of our projects related to water systems and infrastructure
* Produce and run 1D/2D hydraulic models, Flood Risk Assessments, Flood Alleviation Schemes and Drainage Strategies on a wide range of schemes
* Work with the team of Engineers and Technicians to deliver projects that meet client requirements whilst providing technical support to others
* Build and maintain strong client relationships, understanding their needs, and ability to manage expectations