



## JOB DESCRIPTION – SENIOR TO PRINCIPAL FLOOD RISK/HYDRAULIC MODELLING CONSULTANT

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We are a multidisciplinary environmental consultancy seeking an enthusiastic and motivated senior to principal consultant, with 5-7 years' experience. The candidate will have a relevant degree in Geography, Earth, Environmental Sciences, Engineering and will have membership or working towards chartership (CIWEM)

This role is office based but there is the possibility for more experienced candidates to be remote/hybrid. Manchester – Ducie House, Ducie Street, Manchester, M1 2JW or 168 Cowley Rd, Cambridge CB4 0DL at the side of North Station.

The role will include occasional visits to our Sheffield Office (Stocksbridge, Sheffield, S36 2AA) where the Hydrology team are based and, equally, senior members of the Sheffield Team will visit the Manchester/Cambridge Offices.

If the candidates meet 80% or more of what we are looking for, we still want to hear about them please. We understand not everyone will meet all the requirements, but they might have the transferable skills or other skills we need. We also offer in-house and external training to learn how to use unfamiliar software.

This is a great opportunity for development towards a senior role taking responsibility for clients / projects and developing project management skills, as well as growing a Hydrology team in a different office (currently focused in Sheffield).

Role Supporting Project Manager delivering Flood Risk Assessments / Hydraulic Modelling (model build and reporting) for a range of projects across the sector with a focus on residential development.

### **Day-to-day activities include:**

- Prepare risk assessments and undertake site walkovers and other survey works.
- Prepare technical reports (i.e. Flood Risk Assessments, ES Chapters. Modelling reports, Channel Survey Specification) and support the preparation of fee proposals.
- Undertake Hydrological Assessments (using industry standard methodology/software - including FEH Statistical Analysis, ReFH2, WINFAP, etc).
- Build and run hydraulic models using industry standard software (i.e. HECRAS, TUFLOW, ESTRY, Flood Modeller, etc). We can provide in-house and external training opportunities. Experience or understanding of model stabilisation and calibration.
- Consult the water regulators, statutory authorities, and other stakeholders.
- Liaise and provide advice to clients and stakeholders.
- Manage time and budgets under guidance from line manager.
- Provide guidance and training for junior staff members



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### **Skills and experience:**

- Familiar with Flood Risk and Drainage policy/guidance (England, Wales, and Scotland).
- Experience preparing flood risk assessments / Modelling reports / water environment ES chapters.
- Familiar with Hydrology (FEH Statistical Analysis, ReFH2, WINFAP, etc) and Modelling software (HECRAS, TUFLOW, ESTRY, Flood Modeller, etc).
- Strong organisational and time management skills.
- Ability to work with multidisciplinary teams, liaising with clients, statutory authorities.
- Strong written and verbal communication skills.

### **Benefits:**

- 24 days annual leave plus bank holidays.
- Option to purchase up to 5 extra days annual leave
- Annual leave increases by one day for every three years of service.
- Healthcare scheme
- Life Insurance (three times annual salary).
- Access to Wider Wallet Benefits scheme.
- Paid professional subscriptions (Max £750 per year)
- Employee referral scheme.
- Pension scheme (5% employer contribution).
- Drive Electric car scheme
- Long service rewards
- Pool car available and car hire available
- Free eye tests
- Winter Flu Jabs