



Career Summary

Career title: Consultant
Location: Cardiff
Term: Permanent
Start date: September 2018

Wallingford HydroSolutions (WHS) is an employee-owned water and environmental consultancy, established by the Natural Environment Research Council in 2004. We are well known throughout the UK as the developer of the Flood Estimation Handbook software. Since our formation 14 years ago we have grown to provide a comprehensive range of consultancy services focussing on the water environment. We are passionate about using our robust analytical skills and national credibility to help our clients realise their development ambitions. Our consultancy work across the UK is primarily delivered through our Cardiff office whilst software product development is focused in our Wallingford office.

Our consultancy business continues to deliver sustained growth working with clients across a range of sectors including house building and commercial development, renewables, power and transport infrastructure and regulatory agencies. As a result, we are looking for a graduate consultant to join our team.

The successful candidate will have a good first degree (upper second or higher) in a numerate discipline. A relevant postgraduate qualification would be advantageous, but not essential.

Please email your CV and covering letter to jobs@hydrosolutions.co.uk. Please ensure your CV includes your degree results (or expected) and A-levels or equivalent qualification. The closing date for applications is 13 July 2018.

Objectives

Your objectives for the first year will include the following:

Technical Objectives

- Undertake hydraulic, hydrological and coastal modelling across all of our sectors, under the guidance of a senior and principal consultant, to deliver the required technical outputs. Our most common modelling software tools include Tuflow, Flood Modeller, HecRas, WINFAP, ReFH2, Causeway Flow, Telemac, SWAN and you will gain increasing proficiency in the use of at least two of these software packages in the first 6 months.
- Undertake outline SUDS drainage design to achieve Lead Local Authority approval for client planning applications, under the guidance of a senior and principal consultant.
- Utilise GIS and CAD tools to manipulate mapping and model outputs to interpret and present data in reports.
- Contribute to large client reports and act as first author for smaller client reports and implement quality assurance processes. These will include flood risk assessments, technical modelling reports and environmental assessments.
- Undertake site visits to support consultancy and water monitoring projects and implement health and safety processes.

Wallingford HydroSolutions Limited

Registered in England and Wales, No: 05025973

Registered office Maclean Building, Crowmarsh Gifford, Wallingford Oxon OX10 8BB

VAT Registration No: 851427138





- Manage your training to a personal development plan, agreed with your line manager, including development of your modelling skills to an independent working proficiency within 6 months and achieving some initial competencies required for chartership under CIWEM or ICE. This will include a mix of external and on-the-job training.
- Create a good working rapport with other team members, communicating effectively internally and externally to achieve the best possible outcomes.
- Build upon your knowledge of the regulatory framework that controls activity around the water environment and ensure compliance with relevant regulatory processes, under the guidance of a senior or principal consultant.

Project Management & Work Winning Objectives

- Manage your work, usually on 4-5 projects simultaneously, to achieve the required quality to budget and programme.
- After your first 6 months, undertake the Project Manager role for projects up to £5k in value.
- Contribute to client proposals, and after 6 months lead on proposals up to £5k in value, under the guidance of a senior and principal consultant.
- Undertake market research tasks to support the delivery of the marketing plan, under the guidance of the Director and principal consultant.

Opportunities Beyond Year One

If good performance is achieved, you will take on increasing responsibility through and beyond Year One. You will have the opportunity to develop and achieve, and depending on your strengths and areas of interest, you will:

- Participate in the technical delivery of wider consultancy services, such as outline design, economic assessment and costings for flood defence schemes, water quality and LowFlows assessments.
- Develop improved technical processes and software tools.
- Act as Project Manager on larger projects
- Contribute to and manage higher value proposals.
- Implement aspects of the tactical marketing plan.

WHS Benefits

We offer the following benefits:

- As a small, employee-owned business we provide a personable and dynamic work environment that rewards achievement and provides opportunity to work across other specialisms.
- WHS has a generous 40.5 day holiday allowance. Staff may permanently trade in up to 10 days leave for increased salary.
- We operate a flexible working hours system.
- We have structured pay scales, and formal criteria for being promoted between grades. Thus the potential for career progression is clear for all staff.
- As an employee-owned trust, we provide tax-free bonuses to all staff and operate a separate performance-related bonus scheme. Distribution of bonus is dependent on achieving a minimum profit level.
- We offer a contributory company pension scheme, with employer matched contributions of up to 5% of salary.

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- We operate salary sacrifice childcare voucher scheme to assist with tax efficient childcare.



WHS

- As a small company, there is significant opportunity for employees to improve the business, be that through systems improvement or identifying new work opportunities. Equally, there is high visibility to the WHS senior management team of the contributions made by employees, which are appropriately rewarded through profit sharing and career progression opportunities.
- We have a formal appraisal system matched by personal development plans and each member of staff has access to 5 days every year for targeted training and professional development.
- We provide financial support for our staff in gaining professional membership of the appropriate body.
- The Cardiff office is our lead office for consultancy work, although project teams also utilise staff from our Wallingford and Perth offices. You will have the opportunity to work with other staff in these offices on flood risk, water resource and environmental projects.
- Through our affiliation with the Centre for Ecology and Hydrology there is also the direct opportunity to interact with leading scientists within their fields and to contribute to the further development of models and methods deployed within our software products.
- A good IT infrastructure is essential to our operations as project teams commonly operate out of several offices. We have shared computing infrastructure across all offices and access to high speed GIS and modelling. We reserve a computing budget for each staff member to ensure that all staff have access to the latest modelling and software tools required for their work.

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