**Job Description**

**Role title: Senior Hydromorphologist**

**Reports to: Principal Consultant**

**Grade: Scientist**

**Sector: Freshwater**

**Division:** **Water Management**

**Purpose / Scope of role**

APEM’s aquatic consultancy is seeking a Senior Consultant Hydromorphologist to help deliver a wide range of ongoing and new projects, including water resources environmental assessments, drainage management, sediment management, wetland hydrology and river/ wetland restoration. You will have strong data processing skills, a relevant academic background and a growth mindset. Candidates will have experience in hydraulic modelling and relevant assessments, but it is not expected that candidates have existing capability in all the above areas.

**What success looks like in this role**

We are keen to support candidates develop their skills in the next stage of their career.

Success in this role will mean exposure to both desk and field elements of a wide and exciting workload. You will develop technically and grow commercial and management skills, such as project management, tendering and client management. You will be supported throughout by APEM’s highly experienced multi-disciplinary team of consultancy and field professionals.

**Key Responsibilities**

* Manage tasks in your specialist work area, delivering high quality outputs to time and budget.
* Draft tender text and costings in your specialist work area.
* Provide specialist technical inputs in a range of areas, including hydraulic modelling, water resources assessment, Surfacewater Management Plans, drainage assessments, and river/ riparian restoration designs.
* Draft high quality project reports, tender text and supporting data analyses to a rigorous professional standard.
* Support multi-disciplinary fieldwork, with a specific but not exclusive focus on hydrological and geomorphological field investigations.
* Present professionally to clients and third parties in your specialist subject areas.
* Seek opportunities to build APEM’s portfolio in specialist subject areas.
* Collaborate productively and professionally with fellow specialists in related subject areas.
* Carry out any additional activities that may be reasonably required or requested.

**Skills/Knowledge/Experience/Qualifications**

**Essential** -

* A desire to use your Hydromorphology skills to address environmental challenges of the future.
* Comprehensive understanding of hydrological/ hydromorphological processes and analyses.
* Excellent numerical analysis skills, including hydraulic modelling (HEC RAS or FloodModeller), GIS and other data analysis packages.
* Excellent verbal and written communication skills.
* Organised and able to work to tight deadlines.
* Flexibility to manage changing priorities.
* Problem solving skills.

**Desirable**

* Catchment modelling
* Water resources assessment
* Wetland modelling
* Field hydrometry
* AutoCAD
* Statistical analysis/ R
* Experience in of one or more of the following:
	1. River and riparian restoration designs,
	2. Surfacewater Management Plans,
	3. Construction Environmental Management Plans,
	4. NFM, drainage assessments,
	5. Local Nature Recovery Plans,
	6. Flood Risk Assessments.

**Our Values**

Our most important assets are our people who work for the firm. We all work as one team and rely on each other. We wish to create a working environment to which our people are proud to belong, by maintaining our values at the forefront of everything we do. These values are:

* Integrity – We do the right thing
* Quality – Quality in everything
* People - We care
* Forward thinking – We focus on the future
* Positivity – We believe we can
* Fairness – We champion equality

**Our WOW Factor**

When home became work, we learned that flexibility, understanding and balance allowed us all to move forward and grow together. So, no matter where you’re based, the hours you keep, the toddlers you have to entertain, or outside interests that help with your wellbeing we’re committed to our Ways of Working (WOW) with each other so we can continue to be our best.

**You belong**

We recognise that everyone’s story is different. The opportunities, experiences and challenges faced in life shape who we are, and we understand that these are the things that make us individual and unique. Embracing our differences means we’re able to approach what we do from every angle.

Inspiration and insight can come from anywhere, and no matter your history or choices in life, we empower our people to be their best, so we can be our best, together. **We welcome the whole you.**