

We're Hiring!

Intermediate River Scientist/Geomorphologist

GEO Morphix comprises an accomplished and well-respected team of professional geoscientists and environmental experts that are skilled and knowledgeable in the technical disciplines of fluvial geomorphology, earth surface processes, and watershed science. The firm is primarily focused on project work that involves the restoration or management of river and shoreline systems, with integrated and standalone service offerings in:

- environmental investigations and monitoring
- channel and coastal design
- environmental permitting
- construction observation

For each of these service offerings, our team of industry leaders is relied on for developing targeted, high-quality deliverables for Clients, and, where needed, providing practical, science-based design and planning solutions that balance the interests of all stakeholders.

Job Description

To continue its mission to be an industry leader in the earth science and geomorphic consulting services, GEO Morphix is looking for an Intermediate River Scientist/Geomorphologist to join our dynamic team. The successful candidate will have a deep understanding of fluvial geomorphological processes. They will be responsible for studying the processes and patterns of rivers, assessing erosion sensitivity and potential impacts of a variety of project types, and providing expert advice and solutions for managing river systems.

Key Responsibilities

- Conduct field investigations of river systems and shorelines
- Apply standard rapid and detailed geomorphological assessment techniques, sediment composition and transport analyses, and characterization of channel morphology and floodplain dynamics
- Analyze field data collected from surveys, remote sensing imagery, and other sources, to understand the behavior in river systems over time
- Use specialized software for developing models to analyze and simulate fluvial processes, including hydraulic, sediment, and erosion modeling
- Collaborate with interdisciplinary teams to integrate fluvial geomorphology principles into river management and restoration projects, considering ecological, hydrological, and engineering requirements
- Prepare technical reports and presentations based on project deliverables, and provide technical input to proposals for public and private sector clients
- Provide guidance on river-related issues to clients, stakeholders, and government agencies
- Participate in environmental impact assessments and contribute to the development of sustainable river management strategies

Qualifications

- Diploma or degree specializing in Environmental Science, Geomorphology, Geology, Physical Geography, Water Resources Engineering, or similar field
- Minimum 2-3 years of professional experience in geomorphology or related field
- Strong knowledge of fluvial processes, river dynamics, sediment transport, and channel morphology
- Proficiency with Microsoft Office (Outlook, Word, Excel, PowerPoint, Teams)
- Proficiency using GIS software for spatial analysis and mapping (e.g., ArcGIS)
- Experience with 2D/3D flow modeling software (e.g., TUFLOW, River 2D)
- Excellent data analysis and quantitative skills, including statistical analysis
- Experience with programming languages is an asset (e.g., Python and R)
- Strong written and verbal communication skills
- Strong multi-tasking, organization, and time management skills
- Valid G Class driver's license



Why Join GEO Morphix?

GEO Morphix values employee well-being and job satisfaction, recognizing that a productive and energized team is essential to our success. To support this, GEO Morphix offers comprehensive benefits, including:

- Personal and Professional Development Benefits
- Healthy Living Benefits
- Health and Dental Benefits
- RRSP Matching Program
- Bonus Program/Profit Sharing
- Social Events and Activities
- GEO Days (paid time off)
- Career/Mentorship Program and Initiatives
- Industry conferences and corporate events attendance
- Hybrid Work Model and Work Flexibility

Additional Information

Location: GEO Morphix's head office is based in Campbellville, ON, and is easily accessible off the Highway 401 exit on Guelph Line. Our Eastern Ontario office is in the scenic town of Almonte, ON, servicing the Ottawa region.

Job Status: Full-time, salaried.

Working Model: Hybrid work model. Balanced between field and desk work.

Schedule: Monday to Friday, 8:30am to 5:00pm (40-hour work week).

Travel: Occasional travel to field sites within the GTA/Ottawa region.

How to Apply

Please submit your application by email to opportunities@geomorphix.com.

We thank all applicants for their interest in working at GEO Morphix Ltd. If we accept your application, we will be in touch to schedule an interview. We look forward to hearing from you!

Please follow us on LinkedIn (@[GEO Morphix Ltd.](https://www.linkedin.com/company/geomorphix-ltd)) for ongoing updates about our company.

For more information about GEO Morphix, please visit our website www.geomorphix.com. To view all job postings, please visit our [Careers Page](#).

Accessibility

GEO Morphix Ltd. is committed to workplace diversity, inclusion, equal opportunity, and is in compliance with the Accessibility for Ontarians with Disabilities Act and the Ontario Human Rights Code. Accommodations are available on request for candidates taking part in all aspects of the selection process.