

## Career Opportunity

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### Junior / Intermediate Fluvial Geomorphologist or Natural Systems Landscape Architect

**Location:** Kitchener, Ontario

**Availability:** Immediate

#### About Ecosystem Recovery

Established in 2013, Ecosystem Recovery Inc. is a professional engineering and geoscience company specializing in surface water resources. Centrally located in Kitchener, Ontario, the office is well positioned to serve London, the GTA, the Golden Triangle, and the Golden Horseshoe areas. With a focus on client service, technical proficiency, and cost value, Ecosystem Recovery delivers specialized services for public and private sector organizations. Our goal is to assist our clients in solving their challenges using an Ecosystem approach, to recover the function and dynamics of natural and built infrastructure.

Ecosystem Recovery Inc. is at an exciting stage in its development and provides an opportunity for an enthusiastic, talented, and dedicated professional to help build our fluvial geomorphology capabilities and related services.

#### Position Description

As a member of our team you will work alongside professionals in geosciences, engineering and ecology. You will become involved in all aspects of the fluvial geomorphology and landscape architecture work from project planning to realization. These tasks involve field investigations/assessments, data collection, organization and analyses, risk assessments, site characterization, environmental planning, concept design natural channel restoration detailed design, and report preparation. You will also be provided opportunity to develop skills and experience in other project support roles that may include, but not be limited to, asset management, guide documents, flow monitoring and construction supervision. Your unique skills are expected to enhance our capabilities and contribute to the continued growth and development of our team.

The candidate will draw on their technical training, skills, experience, and initiative to fulfill the following responsibilities and expectations:

- Report to the senior geomorphologist or water resources engineer as an enthusiastic and engaged member of our team;
- Complete field assessments and surveys;
- Undertake fluvial geomorphic related studies, analyses, and project design;
- Produce written reports and correspondence to a high level of technical and compositional quality;
- Interact with clients and co-consultants; and
- Assist team members with various administrative tasks, as required.

As a Junior or Intermediate Fluvial Geomorphologist or Landscape Architect with Ecosystem Recovery, you can expect to be involved in a variety of tasks and projects, including:

- Geomorphic study and investigations;
- Stream erosion inventory and restoration design;

- Environmental Assessments;
- Meander belt delineations;
- Infrastructure crossing assessments;
- Subwatershed studies;
- Erosion and hazard assessments;
- Flow and geomorphic monitoring;
- Fish passage assessment and design;
- Stream restoration planning,
- Detailed channel design using AutoCAD,
- Preparation of landscape restoration and planting plans,
- Preparation of design reports ,
- Estimation of project quantities,
- Construction implementation.

### Qualifications and Experience

The following qualifications and capabilities are required for this position:

- Undergraduate/graduate degree (M.Sc. preferred) in Geomorphology, Physical Geography, Geology, Environmental Science or Landscape Architecture with a focus on natural systems.
- Registered as 'Geoscientist -In-Training', BLA or eligible for/working towards registration with the Association of Professional Geoscientists of Ontario (APGO) or Ontario Association of Landscape Architects (OALA)
- Demonstrate experience and understanding of river functions and processes from the drainage network to individual sites; and of the micro-, meso- and macro-scales of channel form.
- Demonstrate a willingness to travel locally
- Strong critical thinking and analytical skills.
- Knowledge of the multi-disciplinary linkages of biogeography, aquatic and ecological sciences, and water resources,
- Excellent oral, written and interpersonal communication skills.
- Ability to work independently within a supportive team environment.
- Adaptability to respond to, and engage in, skill development as needed to support ERI staff and the project needs of the firm.
- Flexibility to meet project needs.
- Access to a vehicle and a valid driver's license.

The following skills will be considered assets:

- Background in geological and landform functions,
- Experience and application of AutoCAD in developing detailed drawings,
- Experience in using computer models for analysis and creation of project details,
- Experience in flow measurements for natural channels,
- Experience with channel restoration projects and 'natural channel design principles'.

Compensation will be commensurate with the applicant's level of qualifications and experience. ERI offers a competitive salary, bonus program and full benefits.

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If you feel that you are qualified for this position and interested in joining an engaging work environment, please send your current resume, along with a cover letter by email to:

[wolfgang.wolter@ecosystemrecovery.ca](mailto:wolfgang.wolter@ecosystemrecovery.ca)

We thank all candidates for their interest. However, only those selected for an interview will be contacted.

For more information on how you can develop your professional career as part of our team, please visit our website at [www.ecosystemrecovery.ca](http://www.ecosystemrecovery.ca)