

Junior/Intermediate Geomorphologist

Beacon Environmental Limited is currently seeking a Junior/Intermediate Geomorphologist or Geomorphic Systems Analyst to work out of our Guelph office. The primary role of this person will be to provide support to various geomorphology related tasks, including the design and implementation of natural channel design projects, desk-based research and analysis, fieldwork and report writing. There may also be opportunities to provide support to other ecological restoration and environmental monitoring initiatives in various Beacon offices.

EDUCATION

- Secondary education in physical geography, earth sciences, water resources engineering or equivalent program.
- Master's Degree in Science with a focus on geomorphology and / or river restoration is strongly preferred.

RESPONSIBILITIES

- Aerial photo interpretation.
- Conduct field surveys (topographic, geomorphic data collection, dripline, etc.) in support of projects, as required. Data processing (including processing of survey data, sediment entrainment modelling, instream flow calculations).
- Data analysis (including determination of erosion thresholds, evaluation of hydrologic and hydraulic model output, exceedance analysis).
- Meander belt width delineation.
- Development of natural channel design drawings in support of environmental projects.
- Liaison with project partners, regulatory bodies and agencies.
- Proposal and report preparation.
- Report to Project Managers on the status of projects on a regular basis.
- Provide field support to Beacon ecology staff, as required.

MINIMUM ENTRANCE QUALIFICATIONS

- Minimum of 3 years of practical experience.
- Strong organization, oral and written communication skills.
- Experience and competence in environmental data collection, management, and analysis.
- Ability to read, review and understand ecological, landscape architecture, and engineering drawings.
- Knowledge of applicable acts and regulations, including associated permits: Endangered Species Act, Conservation Authorities Act, Fisheries Act, Permit to take Water, etc.
- Excellent problem-solving abilities.
- Strong attention to detail and quality control.
- Good understanding of current Microsoft suite of software.
- Ability to work on multiple projects and meet deadlines.
- Valid driver's licence.

ADDITIONAL QUALIFICATIONS THAT WOULD BE AN ASSET

- Registered as a G.I.T. or P.Geo., or eligible for membership with the Association of Professional Geoscientists of Ontario would be considered an asset.
- Working knowledge of AutoCAD LDD/Civil 3D software.
- Practical experience using ESRI suite of software, or equivalent software.

- Working knowledge of Hydrological and/or hydraulic modeling (HEC-RAS)
- Experience using RTK GPS technology and Total Station survey equipment.
- Certifications: CISEC, MNRF Electrofishing, and/or Pleasure Craft Operator.

Start Date: Fall/Winter 2018

Position Type: Permanent, full-time

Location: Guelph, Ontario

Salary: To be negotiated based on skills and experience

Benefits: Yes

Contact: Via email or fax only at info@beaconenviro.com or fax (905) 201-0639.

Deadline: Beacon will contact only those candidates that have been selected for an interview.

To learn more about Beacon please visit our website at <http://www.beaconenviro.com>