

Dougan & Associates is seeking a **GIS Technician or Analyst** to work in our Guelph office with our Ecology, Design, and GIS team. Dougan & Associates is a mid-sized ecological consulting & design firm based in southern Ontario that has been providing services in terrestrial biology, ecological assessment and landscape architecture to the public and private sectors since 1981.

The GIS Technician/Analyst will work in a team environment on a range of small to large projects. This will involve working alongside the lead GIS Analyst, project managers, and technical staff to carry out a range of core duties outlined below.

### **Core Duties**

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- Conduct background review and/or consolidate various types of existing land-use and ecological spatial data to support project start-up
- Prepare data collection resources (hardcopy and digital) that support field data collection and storage
- Develop and implement spatial data analysis workflows related to ecological characterization, policy analysis, and/or ecological restoration/management planning
- Preparation of high-quality graphics to support technical reporting and presentations
- Provide data management support on all projects using ArcGIS software and a variety of database software (e.g. Microsoft Access and SQL)
- Maintain an up-to-date knowledge of developing technologies as they relate to spatial data management, analysis, presentation, and interaction

### **Required Qualifications/Skills**

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- Over three years of experience working directly with ESRI's ArcGIS suite of products
- Experience with high accuracy GPS and ESRI (10.x, Pro, Online) software, applications and extensions
- Experience using and developing ESRI's online and mobile applications (e.g. Survey 123, Collector, Operations Dashboard, Web AppBuilder, Story Maps)
- Understanding of SQL queries and database development
- Experience working with Microsoft Office Suite
- Ability to work collaboratively with interdisciplinary groups, as well as independently

### **Valued Qualifications/Skills**

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- Ability to set clear boundaries through organization and time management, while working on multiple projects simultaneously and under deadline pressure
- Exhibits a strong ethic of reliability and accountability through delivering on commitments and willingness to seek clarification when needed
- Having an interest in pursuing on-going professional development and learning (for example completing a GISP certification)
- Experience with coding languages (e.g. Python, Arcade), and other ESRI applications (Insights for ArcGIS, Solutions Deployment Tool)
- Experience with other software applications (AutoCAD, Adobe)
- Experience with Trimble products (management and maintenance)
- Familiarity with fauna and flora of Ontario and/or training in ecology

### **Seniority Level**

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- Junior to Intermediate; salary commensurate to experience

### **Employment Type**

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- Permanent, full-time: 37.5 hours per week

Qualified candidates please send a cover letter and a resume to Kristina Shaw-Lukavsky at [kshawluk@dougan.ca](mailto:kshawluk@dougan.ca). We will continue to accept applications until **December 16<sup>th</sup>, 2018**.