



Emergency Response Assistance Canada (ERAC) GIS Specialist

Emergency Response Assistance Canada (ERAC) is looking for a GIS Specialist to join our organization in Calgary, AB.

ERAC is a national not-for-profit organization created by industry for industry. As an emergency preparedness and response organization, we are instrumental in assisting over 320 Plan Participant members in oil & gas, transportation, and chemical and agriculture requiring emergency response plans (ERPs) including emergency response assistance plans (ERAPs), environmental emergency (E2) plans or spill contingency plans. Using highly trained and skilled responders, and industry best practices and equipment, we are prepared for any flammable liquids or liquefied petroleum gas (LPG) incident by road, rail or stationary tank.

Position Type: Permanent, Full-time

Start Date: Immediate

General Information:

The GIS Specialist will oversee all facets of ERAC's GIS solutions. From data editing and python scripts to administration of the ArcGIS Online system and supporting applications, the GIS Specialist will utilize their skillset with the entire Esri ArcGIS platform. The GIS Specialist will work with applications users, project teams and other internal and external stakeholders to ensure system stability and growth.

Responsibilities:

- Full administration and technical support of the Esri ArcGIS system and supporting software
- Maintain and enhance ERAC's GIS solutions and workflows
- Administer multiple ArcGIS Online organizations containing hundreds of users
- Publish new feature layers as requested to support ERAC's existing web applications
- Edit and maintain a large library of existing feature layers that support ERAC's emergency response applications and network of responders
- Develop, execute and maintain Python automation scripts that operate in support of GIS solutions
- Ensure ERAC GIS system functionality through various Esri software version updates
- Produce quality cartographic products for internal and external stakeholders with ArcGIS Pro and ArcMap
- Administer and maintain multiple ArcGIS Hub Sites used for GIS content and document distribution to internal and external stakeholders

Skills and Abilities:

- Expertise with ArcGIS Desktop, both ArcMap and ArcGIS Pro
- Significant knowledge of ArcGIS Online content and user administration
- Working experience with ArcGIS Dashboards
- Working experience with Survey123, including publishing surveys with Survey123 Connect
- Working experience with ArcGIS Hub Sites
- Proficiency with Python Programming Language, including ArcPy and the ArcGIS API for Python
- Knowledge of Python script execution through VS Code or similar IDE as well as Windows Task Scheduler
- Proficiency with Microsoft365 applications including Microsoft Access Databases
- Knowledge of Amazon Web Services including Amazon S3
- Ability to provide technically authoritative, leading-edge advice and direction to a variety of process participants
- Strong data management skills including modelling, creation and editing
- Understanding of mobile technology, specifically in relation to ArcGIS
- Understanding of a variety of spatial data and their sources
- Ability to transform and convert spatial data
- Ability to deliver multi-dimensional, high-quality products in a timely fashion
- Strong interpersonal skills and relationship building complemented with excellent time management and multi-tasking capabilities
- Strong communication skills both written and verbal
- Demonstrated ability to work independently or as a part of a team
- Ability to deliver multi-dimensional, high-quality products in a timely fashion

Education/Experience:

- Post-secondary degree or diploma in GIS
- Minimum 2 years' progressive technical experience in GIS
- Experience with the ArcGIS system, both desktops and cloud platforms
- Experience with programming languages including Python and JavaScript
- Working knowledge of modern database platforms (SQLServer, PostgreSQL, Access)

*This position requires candidates to: Successfully complete a security clearance/criminal record check.

Please email your cover letter and resume to info@erac.org. Only qualified candidates moving forward in the recruitment process will be contacted for an interview.

Thank you for considering Emergency Response Assistance Canada (ERAC) in your career options.

Position closing date: September 28, 2022