

NS Trails Federation

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Job Opportunity: GIS Technician for Trails Database

The Nova Scotia Trails Federation (NS Trails) is looking for a Geographic Information System (GIS) technician to help implement an exciting new Trails Data Project. We are looking for someone with a formal GIS background, familiar with current versions of data software and applications. Familiarity with the trail sector in Nova Scotia is an asset.

The Trails Database project stems from the Shared Trails Strategy for Nova Scotia, which outlines many goals and actions to advance our provincial trail sector. It will be used by stakeholders for multiple purposes, such as trail mapping and navigation, trail management, trail planning and development. The successful candidate will be working with stakeholders from the Trails Strategy Coordinating Group (TSCG), Department of the Environment and Climate Change (DECC), Department of Natural Resources and Renewables (DNRR), Department of Communities, Culture and Heritage (CCH), the Center of Geographic Sciences (COGS), the ATV Association of Nova Scotia (ATVANS), the Snowmobile Association of Nova Scotia (SANS), municipal partners and community trail groups.

If the job description below fits your skills and interests, please send us a resume and tell us about yourself. Feel free to check out more information about the Shared Trails Strategy and our work at www.nstrails.com.

Submissions will be accepted until December 3rd at info@nstrails.com.

Position Details:

What the technician will facilitate:

- Organized, sustained energy and wisdom with the Trails Data Project.
- Compilation of existing trail data from various sources including government, provincial trail management organizations, First Nations, Parks Canada, Trans Canada Trail, etc. into a single database
- Collaborative partnerships blending skills in GIS, mapping, trails, and management.
- A detailed and accurate inventory of trails in Nova Scotia.

What we would like the technician to do:

- Compile database of existing data.
- Review and validate existing data through desktop analysis of GIS data and other resources such as NS Trail Guide and Project Working Group contacts.
- Identify and evaluate accuracy, redundancy, voids, and gaps of existing data.
- Edit and update GIS data.
- Help build a work plan that shows a phased approach to building the trails database.
- Provide bi-weekly report to Project Working Group.
- Work with contributors, collaborators and partners.
- As required, participate in meetings of the Trails Strategy Coordinating Group (TSCG) who provides wise advice and guidance for the Shared Trails Strategy.
- Work closely with the Trails Data Project Working Group and the TSCG Project Manager.

What skills and qualifications would be helpful to do this work well:

- A technical diploma or equivalent in GIS, Cartography, or a related discipline.
- Experience with geographic information systems is essential.
- Proficiency working with ESRI ArcGIS software suite.
- Excellent project management, time management and communication skills.
- Data management and documentation experience.
- Familiarity with the trails sector and community trail groups in Nova Scotia is an asset.
- Understanding of trail mapping, asset, and infrastructure attributes.
- Ability to work remotely and independently.
- Self-motivated and able to work well in a team environment.
- A valid driver's license.

Contract details:

- We recognize this work is emergent and will be better defined as the data is reviewed. The GIS coordinator is expected to state timelines and deliverables that could be achieved with a budget of \$25,000.
- Reports to the Managing Director, Nova Scotia Trails Federation
- Works from home and in the field when necessary
- Preferred start: December 2021