

Job Title: Research Associate – Geospatial Technologies (Full-time, Term)

Location: Regina

Job Description:

The Sustainability-Led Integrated Centres of Excellence (SLICE) is a solution-oriented applied research centre at Saskatchewan Polytechnic — advancing sustainable resource management with a full life-cycle lens on economic activities in Saskatchewan’s energy and resources, manufacturing, agriculture and forestry sectors. By working with SLICE, industry and community partners can capture new opportunities, solve everyday problems and realize economic, social and environmental benefits. SLICE’s collaborative approach brings together the expertise needed to address complex issues related to sustainability.

Based at the Regina campus of Saskatchewan Polytechnic, the Research Associate will work with industry and community partners under the direction of the Research Chair in Geospatial Technologies to organize and conduct applied research with a focus on remote sensing and the use of geographic information systems to address land use and sustainability challenges. Many of these projects involve collaborative partnerships with Indigenous communities.

Reporting to the Research Chair in Geospatial Technologies, the Research Associate will be involved in multiple applied research project where they will be a key contributor to the research team in a technical and/or project management role. The Research Associate will work closely with colleagues to scope projects, write grant proposals, undertake research including fieldwork and data analysis, and communicate research results. We are seeking an enthusiastic team member with an affinity for geospatial technology and creative problem solving. This is a full-time position for four (4) years based on length of grant funding.

SLICE values diversity and welcomes applications from individuals with diverse backgrounds, experiences and perspectives

Qualifications:

1. A diploma and/or bachelor’s degree in a relevant field (such as Geomatics, GIS and/or Remote Sensing) or a comparable amount of education and experience. A graduate degree in a related discipline would be considered an asset in combination with a technical diploma and/or industry experience.
2. Demonstrated proficiency with GNSS, Total Stations, TLS, ArcGIS, AutoCAD Civil 3D.
3. Preferred, minimum five years’ work experience in a technical, research and/or project management role in geospatial technologies. Applied research experience is considered an asset.
4. Experience working collaboratively with Indigenous communities is considered an asset.
5. Experience in a fieldwork environment and/or analysis of field-based data.
6. Ability to provide technical assistance to others in office and/or fieldwork settings.
7. Drone pilot license, basic or advanced, is considered an asset.
8. Effective and creative problem-solving skills with attention to detail.
9. Effective oral and written communication skills.
10. Effective organizational and time management skills.
11. Comfort to work independently and within a team environment.
12. Field safety trained or willing to obtain this training.
13. Demonstrates understanding and valuing Equity, Diversity, and Inclusion.

Apply to: <https://careers.saskpolytech.ca/postings/52332>

