



## **Applications Lead – Ground Movement**

At C-CORE, we are committed to investing in people and creating a dynamic and rewarding employment experience. C-CORE is seeking a **Applications Lead – Ground Movement** to work with its highly skilled team of business professionals, engineers and scientists. If you are a self-motivated team player and committed to excellence, this may be your opportunity.

C-CORE conducts R&D and provides research-based advisory services, delivering innovative engineering and technology solutions to national and international clients. Over the past 43 years, we have built a world-class team of over 70 dedicated professionals, with a reputation for excellence in Remote Sensing, Ice Engineering, and Geotechnical Engineering. This position is located in our Ottawa office.

### **Duties:**

Reporting to the Director, the candidate will be responsible for the design, implementation, and validation of studies in ground movement using interferometric synthetic aperture radar (InSAR) and ancillary data sources. The ideal candidate will be experienced in the design and implementation of monitoring programs for municipal infrastructure, transportation infrastructure, and rapid observation of ground change at operational mines, dams, and oil and gas reservoirs. Experience in technical consulting, program management, and direct customer interaction is highly desirable.

### **Required Skills:**

- Demonstrated experience with interferometric SAR
- Knowledge of processes leading to the anthropogenic and natural changes in ground surfaces
- Programming applications to enhance operations in a GIS environment (Python, Matlab, or S, for instance)
- Experience in generating technical reports

### **Preferred Skills:**

- Excellent written and oral communication of technical subjects
- Windows and Linux scripting
- Bachelor's Degree or higher in STEM related field

### **Location:**

Ottawa, Ontario

**Salary & Benefits:**

C-CORE is committed to investing in people and creating a dynamic, rewarding employment experience.

C-CORE offers competitive salaries and benefits, including attractive vacation & leave entitlements, a generous retirement savings plan and medical & dental plans. We also offer numerous opportunities for professional and personal growth.

**Apply to:**

Qualified applicants should forward their résumé electronically to: [careers@c-core.ca](mailto:careers@c-core.ca). Please quote **Applications Lead – Ground Movement** in your application. For further information, please refer to C-CORE website ([www.c-core.ca](http://www.c-core.ca)).

**Deadline for Submission:**

Will remain open until position is filled

C-CORE thanks all those who apply; however, only those whose skills most closely match the position will be contacted.