



GEOMATICS ENGINEERING

Graduate student research position

We are currently seeking for one highly talented and motivated graduate student (Masters level) to work in the research area of Change Detection for 3D City Models. Funding support is available. Research topics include: 3D object-oriented change detection using airborne LiDAR and optical data, Development of AI change detection methods using hierarchical decision trees, and On-Line management of time-series 3D city models. Strong background in Geomatics Engineering, Computer Science or Computer Engineering and excellent programming skills are required.

The Geomatics Engineering program within the Department of Earth and Space Science and Engineering at York University is the newest four-year Geomatics Engineering program in Canada. The program is accredited by the Canadian Engineering Accreditation Board within the new School of Engineering of York University. Through the Faculty of Science and Engineering students are benefit from the interdisciplinary teaching and research in both the undergraduate and graduate programs. Master's and Doctoral degrees are offered within the strengths of geodynamics, gravimetry, satellite and inertial precise positioning and navigation, GIS, and terrestrial, airborne and satellite imaging and ranging research supported by substantial external research grants and contracts.

Interested applicants please send by e-mail your curriculum vitae, a copy of your transcript and short description of your motivations for this type of research.

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