

Geomatics Careers



Career Prospects

Graduates from Carleton's department of Geography and Environmental Studies (DGES) experience a wide range of career opportunities in diverse fields of work. Previous graduates have worked in the public sector, in private industry, and with non-governmental organizations (NGOs).

Recent Employers of Carleton Geomatics Graduates

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|------------------------------------|------------------------------|
| Government Departments: | Private Industry: |
| - Natural Resources Canada | - Envionics Analytics |
| - Environment Canada | - J.F. Sabourin Consulting |
| - National Capital Commission | - Precision Geomatics Inc. |
| - Agriculture and Agri-food Canada | - Valard Construction |
| | - David B. Searles Surveying |

 GEOMATICS CAREERS 	
Field of Work	Sample Job Title
Agriculture	Agricultural GIS Technician
	Agricultural Remote Sensing Technologist
Consulting	Environmental Consultant
	GIS Consultant
Conservation	Conservation GIS Analyst
Emergency Management	Emergency Management Analyst
Energy, Oil & Gas, Mining	GIS Analyst
	Remote Sensing Technologist
Environmental	Land Use Planner
	Natural Resource Planner
	Environmental Policy Analyst
	Environmental Assessment
	GIS Analyst
Forestry	Forestry GIS Analyst
	Forestry Remote Sensing Technologist
Health	Health GIS Analyst
Law Enforcement	Crime GIS Analyst
	Cartographer
Mapping	Mapping Technician
	Air photo interpreter
	Market Research Analyst
Market Research	Business Location Analyst
Real Estate	Residential Real Estate Analyst
Software Development	GIS Developer / Programmer
	Web Map Developer
Transportation	GIS Transportation Planner
	Logistics Analyst
	Supply Chain Analyst
Utilities / Public Works	Utility GIS Analyst
Waste Management	Waste Management GIS Analyst

Sample Careers - Geomatics

Mapping Technician – Jobs in public, private and non-profit sectors; involves acquiring, managing, and analyzing spatial data and creating effective maps for a variety of purposes.

Business Location GIS Analyst - Jobs in private sector primarily; involves using GIS to identify potential locations for new businesses, offices, or distribution centres and/or potential markets for business expansion.

Forestry Remote Sensing Technologist - Jobs in public sector primarily; involves acquiring, processing, and analyzing satellite imagery or aerial photography to monitor forest cover change or assess forest health.



Photo Credit: Earth - NASA, <http://visibleearth.comnasa.gov/>

Resources

Information on Geographic and Environmental Careers

- American Association of Geographers - <http://www.aag.org>
- Canadian Association of Geographers
- Canadian Geographic Education - <http://www.cgeducation.ca>
- Environmental Careers Organization - <http://www.eco.ca>