

Geoscientists Canada

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Presentation for CCCESD

November 12, 2020

Geoscientists Canada

Geoscientists Canada exists to serve its Members – the provincial and territorial regulators of the practice of geoscience in Canada.

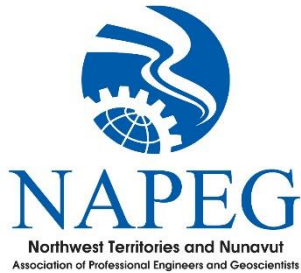
Geoscientists Canada's purpose is to:

- Engage with and facilitate cooperation among its Members
- Undertake work on their behalf
- Represent them nationally and internationally, and
- Support its Members

Where is the practice of geoscience regulated in Canada?



Geoscientists Canada's Members - The Canadian Geoscience Regulators

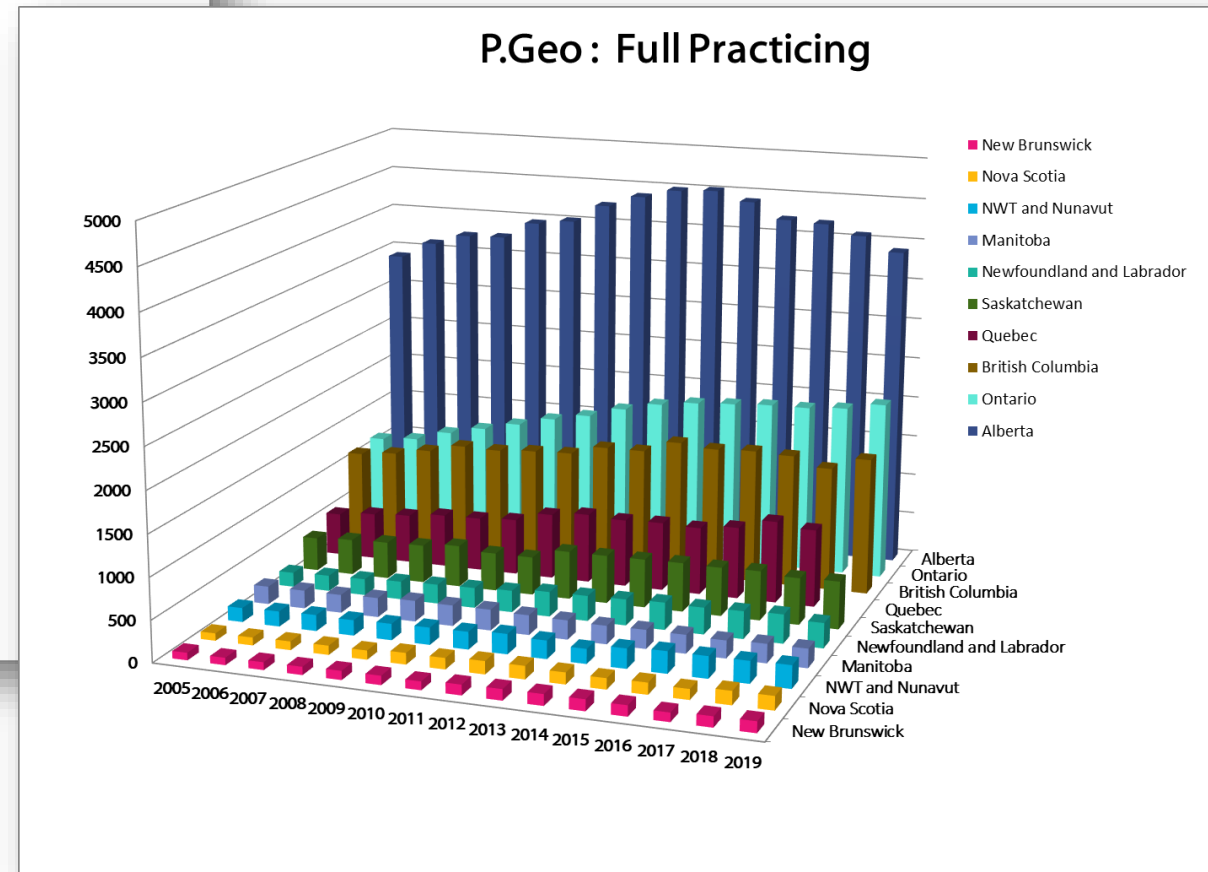
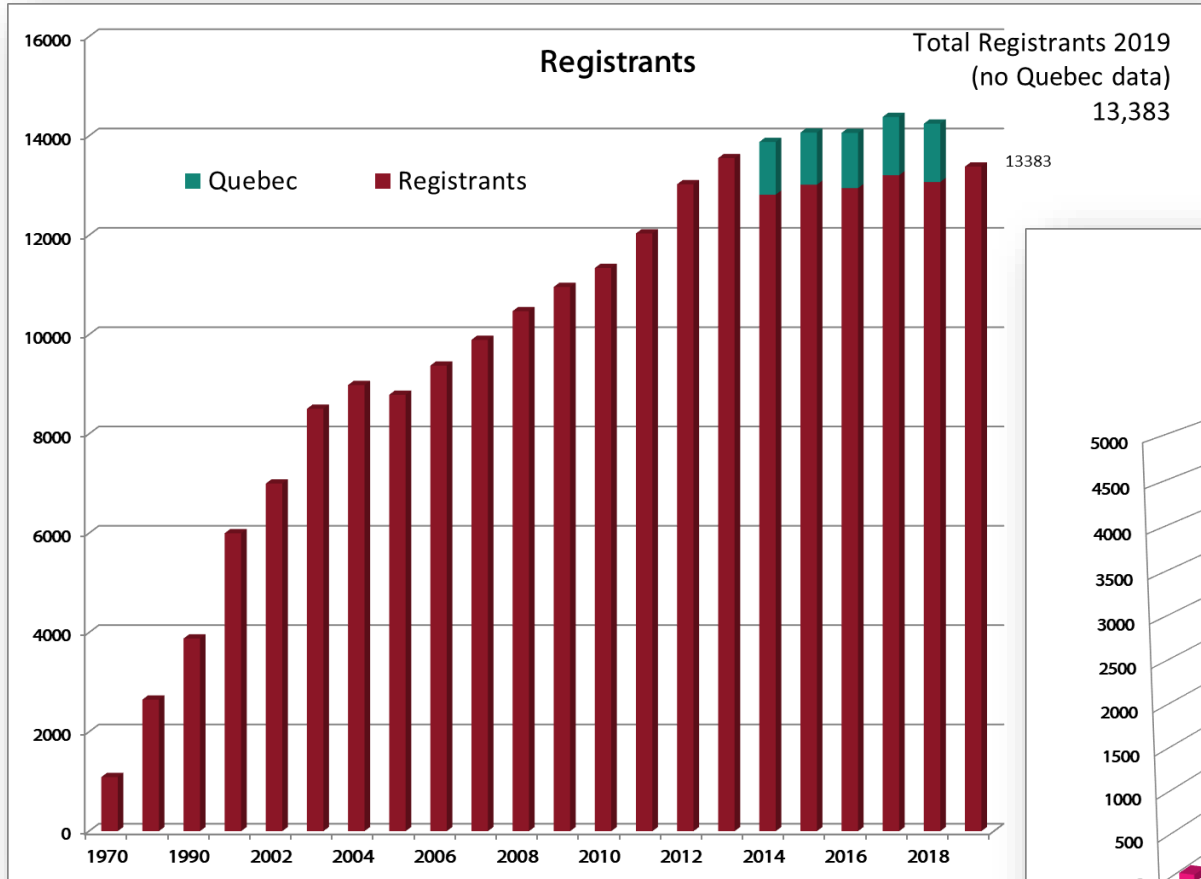


A P E G S

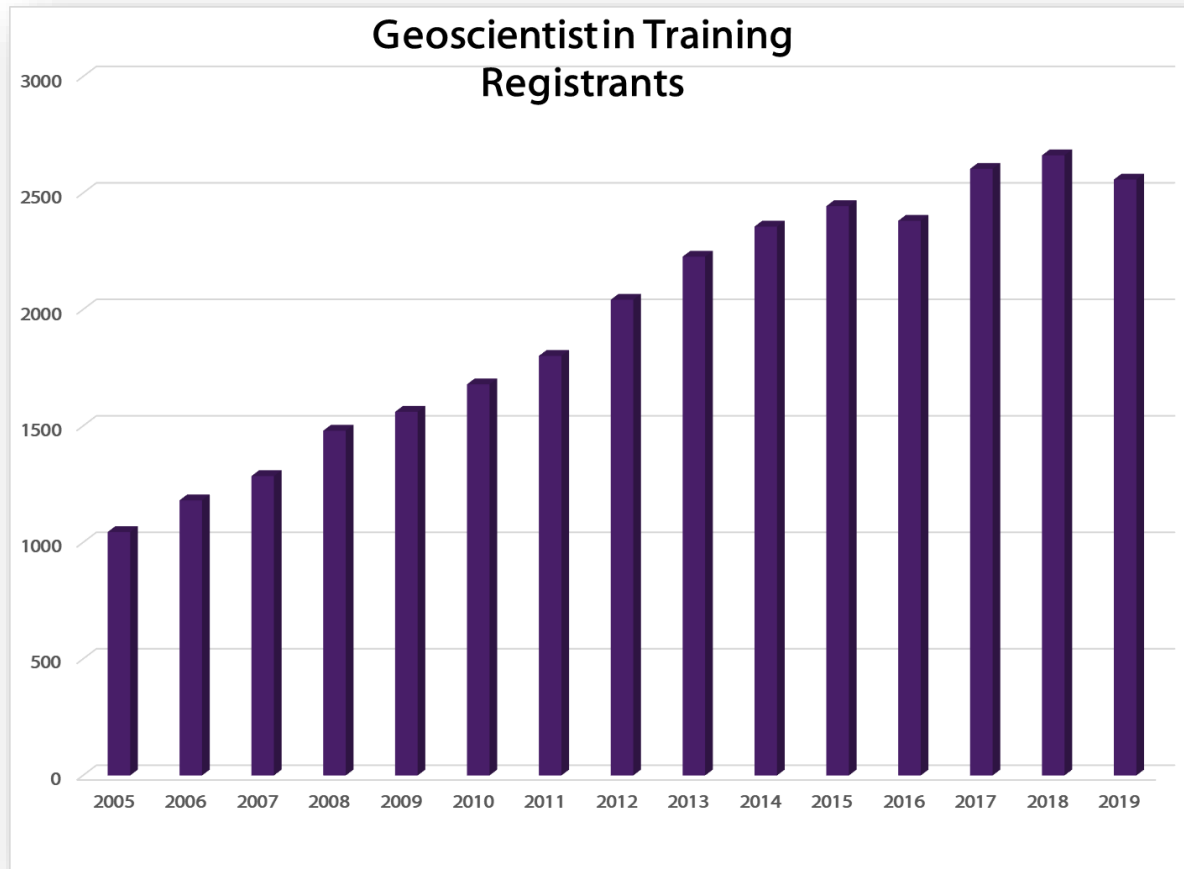
*Association of Professional Engineers
& Geoscientists of Saskatchewan*



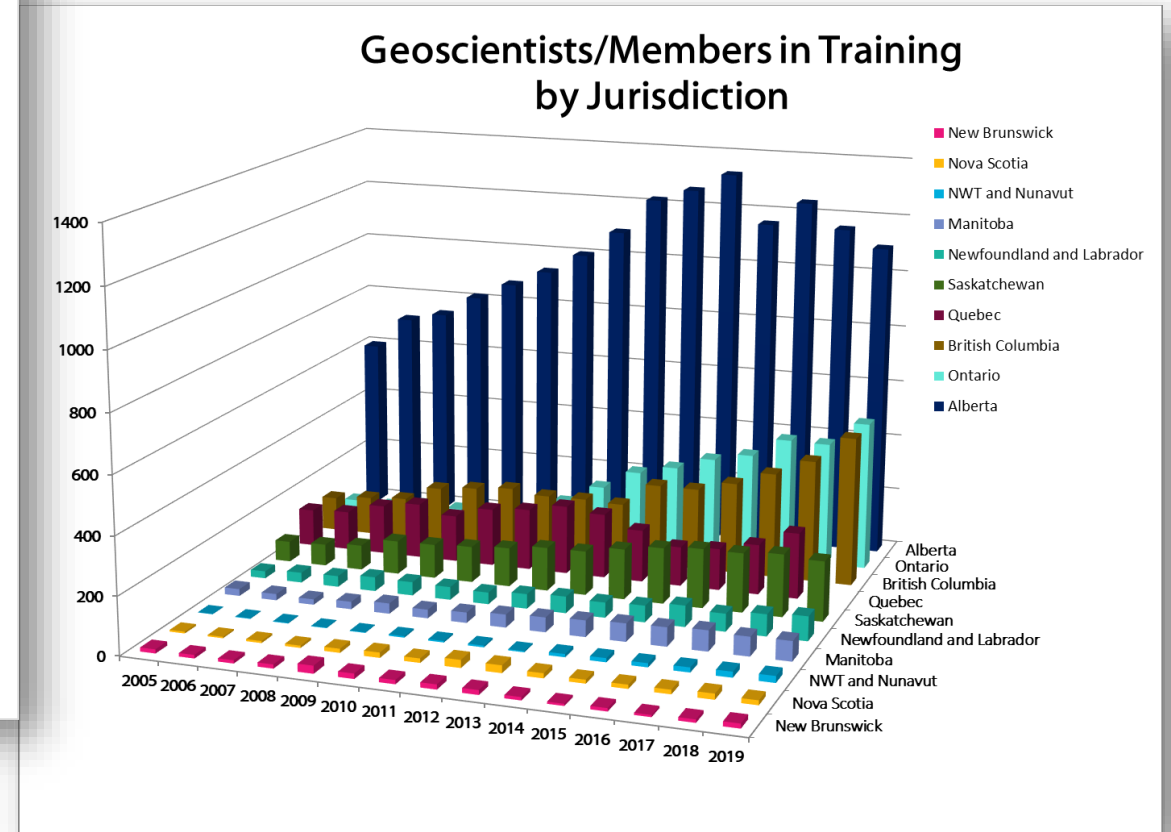
Geoscientist Licensure in Canada



GIT/MIT Registrants in Canada



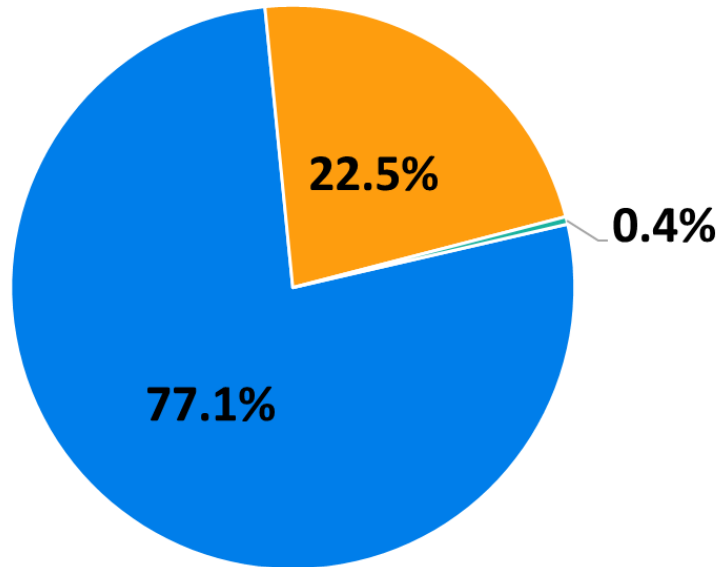
No Quebec data for 2019 at this time. Without the Quebec data, GIT/MIT numbers are up 126 over the previous year.



Diversity – Gender Balance

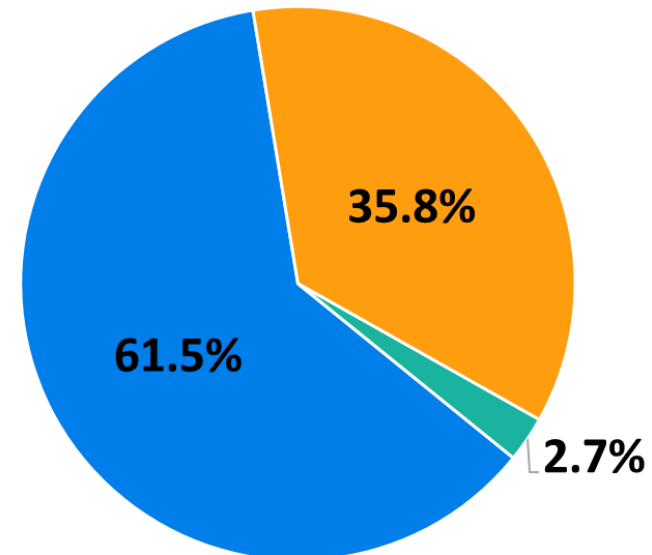
P.Geo.

■ Male ■ Female ■ Other



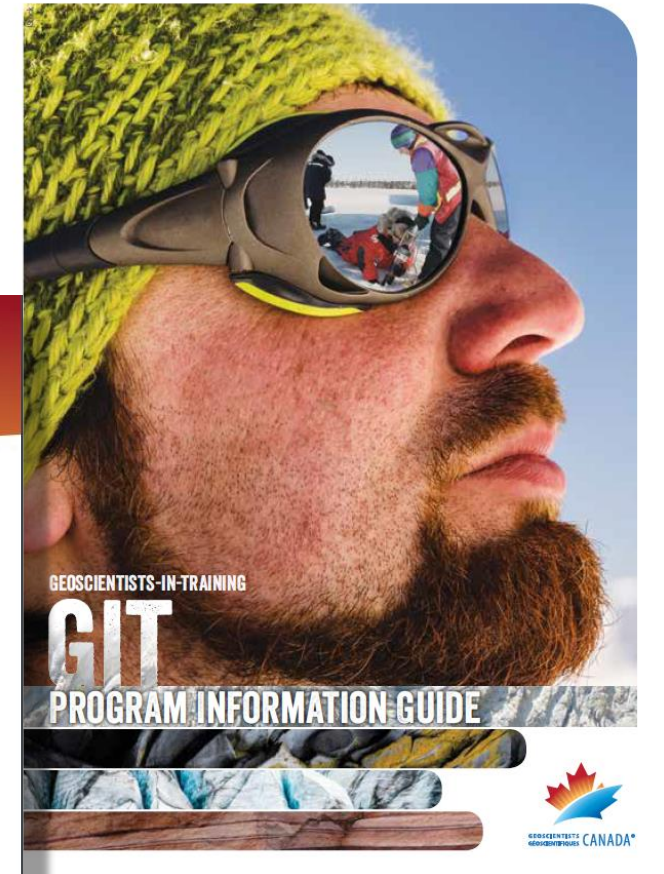
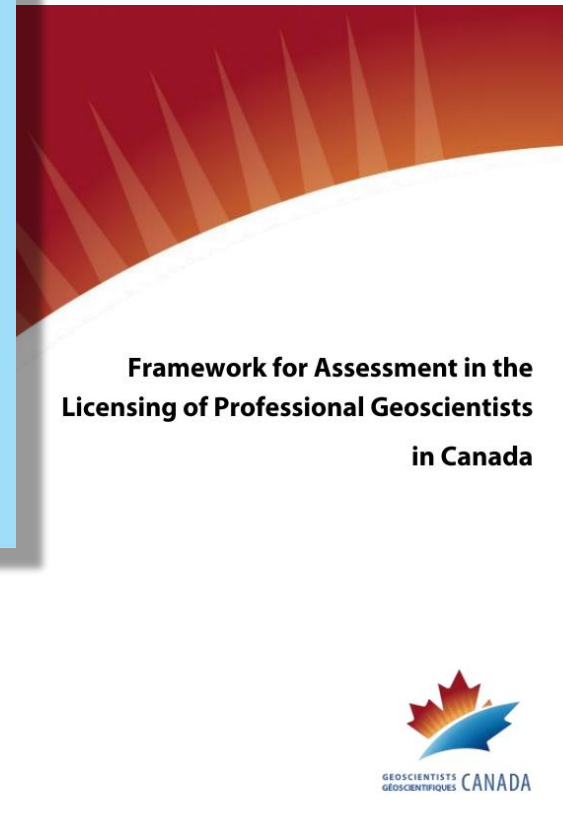
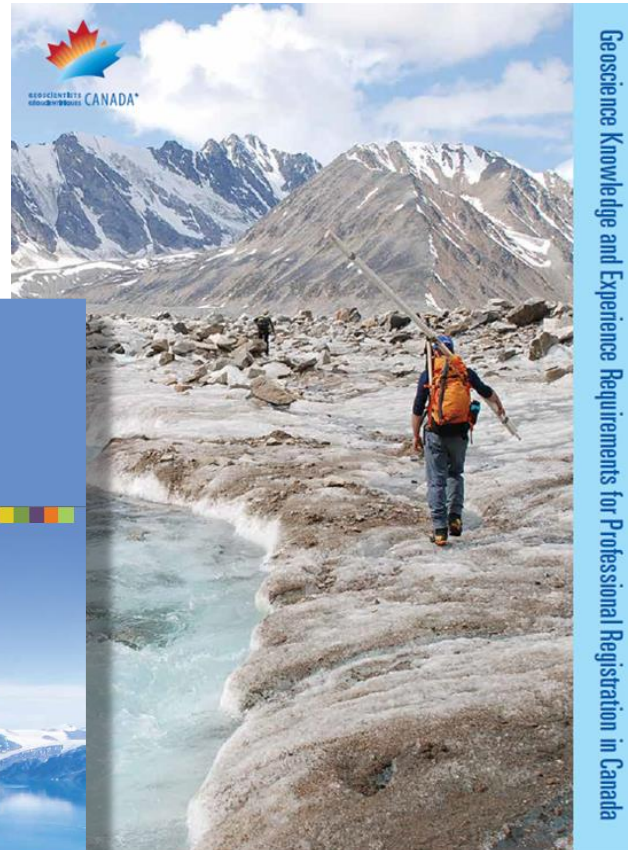
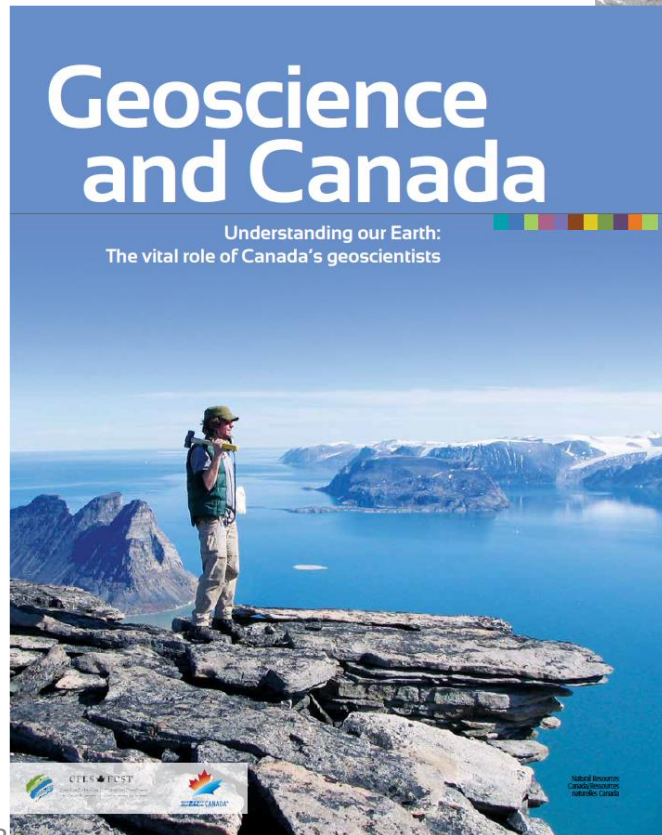
GIT/MIT

■ Male ■ Female ■ Other



Resources

geoscientistscanada.ca/resources/publications/



Resources

Geoscience in Canada

[Geoscienceincanada.ca](https://geoscienceincanada.ca)

- Licensing processes
- Licensing requirements
- Self-assessment
 - Knowledge (academic)
 - Experience (competencies)
- Licensing cost estimator
- Regulator map



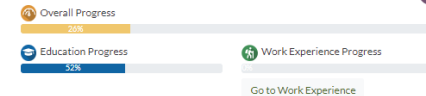
Academic Training Self-Assessment



In Canada, geoscientist academic training requirements for obtaining a PGeo. licence are based on a typical Canadian university Bachelor of Science (BSc) in geoscience. In most of Canada a geoscience degree is four years long and includes 40 one-semester (minimum 12 weeks' duration) courses or their equivalent.

Each course that you use to complete your self-assessment may only be used once if it is a one semester (minimum 12 weeks) course. A course may be used to satisfy two course requirements if it is a two semester course. Any course used for the self-assessment must have been completed successfully (you must have obtained credit for the course).

Please click the plus sign to see more information.



Your Self-Assessment Code

Hide Code ☐ Show Code ☐

Log out and return to this Self-Assessment with your code. [Log Out](#)

Use your unique code to return to this Self-Assessment. [Copy Code](#)

Education Background ☒ Foundation Science ☒ Additional Science ☒ Foundation Geoscience ☒ Additional Geoscience ☐ Other Geoscience/Science ☐



Foundation Geoscience



4 Courses Required

You currently have 3 of the 4 Required Courses

Four (4) courses required. If you have more than 1 course in any of these subjects, your extra courses can be counted in a later section.

All geoscientists share common core knowledge around which the profession of geoscience is practiced. These subject areas define the common knowledge base in geoscience that applies regardless of your practice area in - geology, environmental geoscience or geophysics.

Please indicate courses completed. Click on course name for further information.

- ☒ Field Techniques
- ☒ Mineralogy and Petrology
- ☒ Sedimentation & Stratigraphy
- ☒ Structural Geology

NUMBER OF COURSES

| | |
|---|---|
| 0 | 1 |
| 0 | 1 |
| 0 | 1 |
| 0 | 1 |

Resources

Work Experience Competencies

Geoscience Work Experience Competencies Online Assessment

Competencyassessment.ca

- 29 competencies
- Guidance document, competencies, and rating scale available on the website
- Currently 7 of 10 regulators adopting



COMPETENCY ASSESSMENT

Home

Login

Engineering and Geoscience Competency Assessment

This system is for professional registration or licensure applicants to record their progress in meeting the competency requirements for engineering or geoscience experience and have it validated and assessed.



Applicants

Applicants complete a competency self-assessment using examples drawn from work experience to demonstrate achievement of each competency.



Validators

Validators review the applicant's competency self-assessment and provide validation and competence level ratings for the examples that the applicant has assigned to them. They also provide overall feedback on the applicant's readiness for professional registration or licensure.

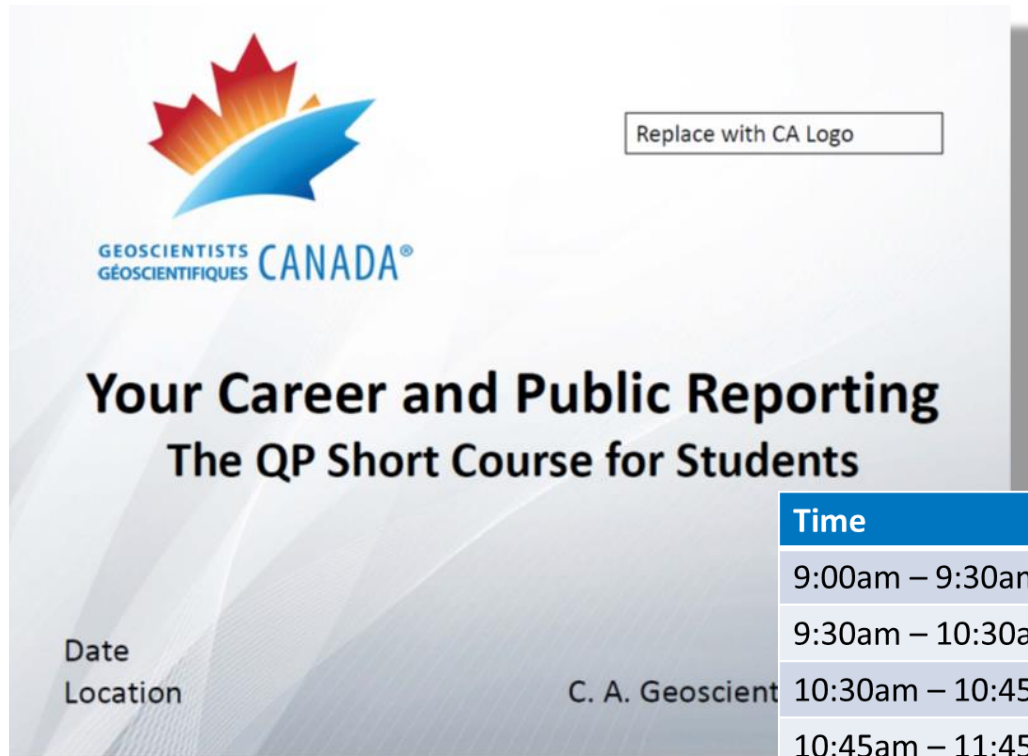


Assessors

Assessors review the applicant's competency self-assessment and validator feedback and determine for each competency whether the example provided represents sufficient evidence that it has been met at the required level. They also provide a recommendation on the applicant's readiness for professional registration or licensure.

Resources

Short Course for Students



| Time | Topic |
|-------------------|--|
| 9:00am – 9:30am | Introduction |
| 9:30am – 10:30am | Section A: Reporting Issuer and Securities Background & Case Study 1 |
| 10:30am – 10:45am | Break |
| 10:45am – 11:45am | Section B: Qualified Person & Case Study 2 |
| 11:45am – 12:45pm | Lunch |
| 12:45pm – 2:15pm | Section C: Mining and NI 43-101 Overview & Case Study 3 |
| 2:15pm – 2:30pm | Break |
| 2:30pm – 4:00pm | Section D: Oil & Gas and NI 51-101 Overview & Case Study 4 |
| 4:00pm – 4:30pm | Final Questions and Remarks |

Resources

Searchable Geoscience Practice Guidelines

Search by:

- Authoring Organisation
- Guideline Title
- Year Published/Revised
- Category/Subject

geoscientistscanada.ca/resources/geoscience-practice-guidelines-catalogue/

Geoscience Practice Guidelines Catalogue

Guidelines are documents that outline general guiding principles addressing a single subject relevant to the practice of geoscience in Canada.

The following is a searchable list of guidelines developed by the provincial and territorial geoscience practice regulators in Canada, Geoscientists Canada, and other organizations that may provide additional guidance or assistance. For questions or additional information, please contact your local regulator or the appropriate guideline author.

This list will be updated annually. Please check your regulator's website for current guidance documents.

| <div>Search <input type="text" value="Search"/></div> | | | |
|--|---|----------------|----------------|
| Authoring Organization | Title | Year Published | Category |
| Association of Professional Engineers and Geoscientists of Alberta (APEGA) | Guideline for Advertising of Professional Services | 2013 | Advertising |
| Professional Geoscientists Ontario (PGO) | Professional Practice Guidelines for advertising and use of the PGO identification and logo | 2019 | Advertising |
| Association of Professional Engineers and Geoscientists of Alberta (APEGA) | Authenticating Professional Work Products | 2019 | Authentication |

Summary

- Professional licensure currently generally holding steady
 - Impact of pandemic has not yet been seen
- GIT/MIT numbers have increased yr over yr to date
- Resources for students
 - Publications – www.geoscientistscanada.ca
 - Standards and Guidelines Catalogue – www.geoscientistscanada.ca
 - Geoscience in Canada – www.geoscienceincanada.ca
 - Competency Assessment - www.competencyassessment.ca
 - Securities Short Course – Check with local geoscience regulator

Thank you.
Questions?

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geoscienceincanada.ca

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