

**Short curriculum vitae**  
**LUCIE MATHIEU, P.Geo (1774), Ph.D**

☎ 1 (581) 668 7277 – email: [lmathieu.geology@protonmail.com](mailto:lmathieu.geology@protonmail.com)

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**ACADEMIC EDUCATION**

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2010	Ph.D. in volcano-tectonics, Trinity College Dublin, Ireland
2007	Master in magma chemistry, Blaise-Pascale University, Clermont-Ferrand, France

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**PROFESSIONAL EXPERIENCE**

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2023–...	Consultation GEOX Inc. – président et administrateur
2022–2023	Exploration geology (Kobold Metals)
2021–2022	Associate professor (tenure obtained in February 2021)
2017–2021	Assistant professor, Institutional chair on Archean metallogenic processes, UQAC
2016–2017	Researcher–professor “sous octroi” (on grant funds), CONSOREM, UQAC
2012–2016	Post-doctoral student, CONSOREM research & development group in mineral exploration, UQAC
2010–2011	Post-doctoral student, McMaster University

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**TEACHING, SUPERVISION**

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- ♦ B.Sc.-level course (6GLG521, taught once) and two graduate-level courses, professional master program (6SCT850, taught five times – winters 2017 to 2021 – and 6SCT841, fall 2020);
  - ♦ Completed student projects (14): 5 B.Sc. projects, 9 M.Sc. projects (including 7 as the primary supervisor);
  - ♦ Student projects, in progress or interrupted (8): 3 M.Sc. (1 as the primary supervisor), 4 Ph.D. (primary supervisor), 1 post-doctoral student.
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**SKILLS**

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- ♦ Geochemistry, e.g., igneous petrology, hydrothermal alteration;
- ♦ Structural geology, volcanic-tectonic;
- ♦ Archean geology, e.g., Superior craton;
- ♦ Metallogeny – Ni-Cu-PGE magmatic, Fe-Ti-V (layered intrusions), Cu-Au (porphyry), Au (orogenic, intrusion-related), Li (pegmatite);
- ♦ Petrology, mineralogy – and mineral chemistry (LA-ICP-MS, microprobe, SEM, etc.);
- ♦ Statistics – PCA, etc.
- ♦ AI – conditional simulations (SGeMS), neural network (Tensorflow);
- ♦ Software – QGIS, Leapfrog, GoCAD, etc.

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## FUNDING

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- ♦ Highly implicated in the Metal Earth project (2016–2027) led by Laurentian University;
- ♦ Secured (4): **NSERC** Discovery Grant and extension *Tremplin à la découverte* (2018–2023), **Mitacs** Acceleration with Agnico Ltd. and Globalinks (2018–2020), **Mitacs** Acceleration with Midland Ltd. (2020–2022), **FRQNT** New Academics (2019–2021), **MERN** (2020–2022, secured by S. de Souza, UQAM).

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## PUBLICATIONS

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I have published a total of 35 articles in international scientific journals (including 23 articles as first author), 2 contributions in a French science journal (*Géologues* - SGF), and 12 reports.

List of publications available here: <https://consultationgeox.squarespace.com/publi>

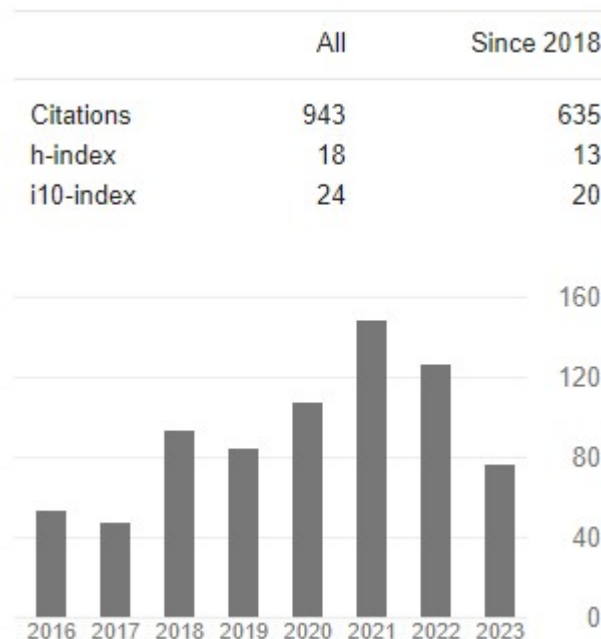
Since July 2017, I have participated in numerous regional, national, and international meetings including: GSA (Montréal virtual), IPS (International Platinum Symposium, South Africa), SGA (Montréal), Goldschmidt (Boston, Hawaii virtual), GSA (virtual), GAC-MAC (Québec), ACFAS (UQAC), Xplor (Montréal), Québec Mines (Québec), and PDAC (Toronto). I have presented a total of 65 contributions (oral presentations, posters, and short courses) since 2013.

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## IMPACT OF PUBLICATIONS

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***h*-index = 11** (Figure 1). As a general rule, the *h*-index generally increases 1 point per year after a Ph.D. defence. I obtained my Ph.D. 11 years ago, and my *h*-index is therefore slightly above the average. This index could be considered elevated given that my career slowed with my research reorientation between 2010 and 2017.



**Figure 1.** Histogram displaying the number of citations and the *h*-indices of Lucie Mathieu. Note the increase in the number of citations since 2008. An up-to-date diagram is available at: <https://scholar.google.ca/citations?user=TLjIMDUAAAAJ&hl=en&oi=sra>