

**Ph. D. student sought to study the distribution of  $^{13}\text{C}$ -labeled diluted bitumen in soil and groundwater and its toxicity to receptor-species**

We are seeking a strong and independent graduate student to study the distribution of diluted bitumen (dilbit) components in soil and groundwater using  $^{13}\text{C}$ -labeled compounds. In addition, a suite of molecular approaches and technologies will be used to assess toxicokinetics and toxicity of dilbit in receptor-species (including invertebrates, terrestrial, and aquatic species). The successful candidate will gain experience in ecotoxicology, animal physiology, molecular biology, isotope geochemistry and environmental geochemistry. The applicants should hold a M. Sc. degree in one of the following fields: Geology, Biology, Physiology, Health Sciences, Biotechnology, Biochemistry, Molecular Biology, Chemistry, or in any other program that is relevant to the proposed research activities by May 2019. The principal laboratories are located at the Institut national de la recherche scientifique (INRS) and Natural Resources Canada (NRCan)'s Geological Survey of Canada (GSC), both located in beautiful Quebec City, QC, Canada. The successful candidate will interact with a dynamic research team which encompasses several research assistants/manager, graduate students, and post-doctoral fellows (<http://www.inrs.ca/valerie-langlois>) and will also work with governmental researchers of the GSC's Delta-lab (<https://profils-profiles.science.gc.ca/en/profile/jason-m-e-ahad>). This is also a unique opportunity to learn French if the candidate is interested, although French is not mandatory. The project will begin in spring/summer 2019.

HOW TO APPLY: All interested candidates need to send a letter of research interest, a CV, a copy of University transcripts, and the names and email addresses of three referees to: [valerie.langlois@inrs.ca](mailto:valerie.langlois@inrs.ca).

The successful candidate will need to meet the registration guideline of the Institut national de la recherche scientifique (<http://www.inrs.ca/>).

*For further information please contact:*

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