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SCHOOL OF THE ENVIRONMENT

Graduate Research Opportunities in Environmental Geoscience

There is a vital need to reduce greenhouse gas (GHG) emissions as the concentration of atmospheric carbon dioxide (CO₂) continues to rise and the impacts of climate change become more pronounced.

Prof. Ian Power's research team aims to better understand fundamental geochemical, mineralogical, and geobiological processes to better address environmental challenges relating to CO₂ sequestration and sustainable Earth resource development.

Applications are invited for M.Sc. and Ph.D. positions with Prof. Ian Power (Canada Research Chair Tier 2 in Environmental Geoscience) in the Environmental & Life Sciences (EnLS) Graduate Program at Trent University. Research will consist of laboratory experiments and fieldwork to study mineral-water-gas interactions and CO₂ mineralization within mine wastes and natural systems. Fieldwork may include trips to Canadian and international localities. Several projects are available and may be tailored to fit a prospective student's knowledge, skills, and interests.

Students will preferably hold a degree in either geoscience, geography, environmental science, chemistry, or closely related field, and must meet the entry requirements for graduate research in EnLS. The ideal candidate will have a high academic standing, some field and laboratory skills, excellent communication skills, strong work ethic, and a passion for science! Research experience at any level is highly advantageous. All interested and qualified students are welcome. **Visit PowerGeoLab.com!**



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