



Don't Burn Up! Mitigating Boreal Peat Fire Carbon and Smoke Emissions in an Area of Climate Change

Prof. Mike Waddington | McMaster University

Fri. Nov. 17, 2023, 12:00-1:00 P.M.
Burnside Hall 426

Circumboreal peat fires can emit large amounts of carbon and harmful smoke pollution. Of particular concern are degraded peatland fires that burn deep into peat layers and emit up to several thousand years of legacy soil carbon. This not only has important implications for global climate, but the toxic smoke produced from deep peat burning can have severe human health effects. There is concern that climate change enhanced drought will magnify the impacts of boreal peat fires. This GeoSpectives Seminar discusses the geography of boreal peat fires and explores novel peatland and wildfire management strategies to mitigate this emerging environmental issue.



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