

PROGRAM - PERG+ Joint Symposium

26th PERG Symposium & McGill Carbon team Annual Meeting

February 21, 2020 McGill University Faculty Club 3450 McTavish Street, Montreal, QC

PROGRAMME - Symposium conjoint GRET+

26^e symposium du GRET & rencontre annuelle de l'équipe Carbone McGill

21 février 2020 Cercle Universitaire de l'Université McGill 3450 rue McTavish, Montréal, QC

Oral presentations

Time	Speaker	Affiliation	Title of presentation
8:30	Registration & coffee		
9:00	Line Rochefort & Nigel Roulet	U. Laval (Québec) & McGill U. (Québec)	Opening comments
9:10	Andrew Rutland	U. of Waterloo (Ontario)	Ecological Indicators of Carbon Storage at Two Restored Horticultural Peatlands
9:30	Laura Clark	McGill U. (Québec)	Effects of age on carbon emissions from an extracted peatland in eastern Québec
9:50	Ron Goyhman	U. of Alberta (Alberta)	Variability in physical and nutrient properties of surface and pore waters from intact, disturbed and restoration peatlands
10:10	Line Rochefort	U. Laval (Québec)	Update on RE ³ Conference
10:25	Coffee break (25 min)		
10:50	Sabiha Hafdhi	WSP (Québec)	Hydraulic Modelling for assessment of the performance of sedimentation basins downstream from extracted peatland
11:10	Miranda Hunter	U. of Waterloo (Ontario)	Vacuum Extracted Peatlands: Environmental Drivers of Carbon Dioxide and Methane Emissions
11:30	Oi Yin Lai	McGill U. (Québec)	Effects of Peat Physical Properties on Hydro-thermal Regime at Actively Extracted Peatlands in Eastern and Western Canada
11:50	Ellie Goud	U. of Waterloo (Ontario)	Fen reclamation through the lens of coexistence theory
12:10	Rachel Kendall	McGill U. (Québec)	Microbial and substrate drivers of decomposition in commercially extracted peatlands in Canada
12:30	Lunch break & Poster session + Vote for best student presentation (1h30 min)		
14:00	Line Rochefort & Nigel Roulet	U. Laval (Québec) & McGill U. (Québec)	Student awards & Closing comments End of Symposium



Posters

Presenter	Affiliation	Title of poster
Christine Isabel	U. Laval (Québec)	Restoration techniques after removal of an access road on a <i>Sphagnum</i> -dominated peatland in Northern Alberta
Gwendal Breton	U. Laval (Québec)	Application and evaluation of an indicator grid for the conservation status of Brittany's land and peatland habitats
Julien Arnenault	U. de Montréal (Québec)	A world of pools: Biogeochemistry of peatland pools at the continental scale
Meike Lemmer	U. Laval (Québec)	Hydrological conditions and revegetation return carbon sequestration after in-situ well pad restoration
Pascal Guérin	U. Laval (Québec)	Restoration on a mineral substrate of a peatland impacted by a mineral road
Scott Davidson	U. of Waterloo (Ontario)	Seismic line disturbance alters soil physical and chemical properties across contrasting boreal soils
Sebastian Gutierrez-Pacheco	U. Laval (Québec)	Data science to generate knowledge with practical relevance: a case study in the field of peatland restoration after peat extraction
Tasha-Leigh Gauthier	U. of Waterloo (Ontario)	Sphagnum functional traits: a framework for assessing peatland restoration success