Sudbury2019 POSTERS

1	Bioremediation of Uranium Contaminated Tailings water via Microbial Reduction of U(VI) to U(IV) – Radford et al.
2	Could a novel biosolid be more effective than conventional fertilizer-plus-lime addition to restore soils and vegetation affected by Sudbury's smelting pollution? - Kuchtaruk et al
3	Investigation of Heavy Metal contents in leaf infusion of three species *Gaultheria procumbens. Rhododendron groenlandicum*, and *Vaccinium angustifolium* (Ericaceae)] used in traditional Anishinaabe medicine, from smelter damaged areas at N'Swakamok, Greater Sudbury, Ontario, Canada – Gravelline et al.
4	Response of trembling aspen (*Populus tremuloides*) to nickel toxicity: analysis of seed germination and gene expression - Czajka et al.
5	The effects of waterborne chromate (Cr^{6+}) on protein abundance patterns in Lake trout (*Salvelinus namaycush*) and White sucker (*Catostomus commersonii*) - Tannouri et al.
6	The influence of Nordic temperatures on the leaching potential of flotation tailings from rare earth mineral extraction. - Costis et al.
7	Isolation and Genomic Characterization of Microorganisms for the Improvement of Biomining Technology. – Tremblay et al
8	Redistribution of metals due to soil erosion, transport and deposition along a hillslope transect near Copper Cliff, Sudbury. - Laplante et al.
9	Recent accumulation and metal contamination of lake sediments in an industrially impacted landscape; the case of Daisy Lake. - Machendagos et al.
10	An Analysis on Sphagnum Loss in Smelter Impacted Peatlands in Relation Carbon Cycling. - Seward
11	Hydrodynamic modelling of a shallow stormwater receiving lake for an active gold mine in Ontario to promote turnover and increase water quality. - St-James et al.
12	Paleolimnological analysis of sedimentary invertebrate assemblages in mining-impacted lakes: the influence of metal(loid)s on community structure. -Simmatis et al.
13	Bioleaching potential of Co and Ag from alkaline mine tailings in Northeastern Ontario. - Courchesne et al.
14	Repurposing of otherwise waste low-grade heat in mineral processing. - McLean et al.
15	Technologies for improved productivity and sustainability of deep mines. - Moreau et al.

16	Value-added algal products from mitigation of CO_2 in the emissions of stand-alone electricity generators. - Kennedy et al.
17	A Mesocosm Experiment Using an Aquatic Macrophyte Indicator Species in Mine Influenced Sediments. - Tedrow et al.
18	Utilization of Hydrodynamic Modeling in Predicting Water Quality and Brook Trout Habitat for Reclamation of a Mine Impacted Boreal Shield Lake. - Pun et al.
19	Facilitating Landscape Carbon Storage Through Brownfield Restoration. - Rumney et al.
20	Catchment reclamation accelerates biological recovery in smelter-damaged lakes. - Dawson
21	Upgrading your backyard: Evaluating the efficiency of novel restoration techniques in Sudburian semi-barren lands – Lavigne et al
22	Effectiveness of Organic-C Cover Systems on Sulfide-rich Tailings. - McAlary et al.
23	Purification of fluorite produced from the extraction of rare earth elements by magnetic separation and chemical leaching. - Nguyen et al.
24	Using smelter off-gas with acidophilic regionally bioprospected microalgae for the production of clean burning biodiesel. - Desjardins et al.
25	Comparing organic amendment treatments for land reclamation. - Chan-Yam
26	Biodiversity patterns along a forest chronosequence in a remediated industrial landscape. - Humphry et al.
27	Separation of Suspended Clay Minerals in Mining Tailings by Bioflocculants - Molaei
28	Legacy effects of liming on soils in a smelter degraded landscapes in afforested and natural regrowth forests. - Kellaway et al.
29	Insights into vegetation establishment and survival on mine tailings. - Munford et al.
30	Developing Pulp and Paper Mill Residuals for Land Application. – Johnston et al
31	Green microalgae from mining impacted environments as a potential source of antioxidants. Gauthier et al.
32	Microbially mediated CO_2 mineralization for stabilization of ultramafic tailings. - Paulo et al.

33	Evaluating Controls on Arsenic Geochemistry at the Long Lake Gold Mine in Sudbury, ON. - Verbuyst et al.
34	Are chromite nanoparticles in natural waters a threat to the Environment at the 'Ring of Fire'? - McClenaghan et al
35	Vertical stratification of tailings microbial communities along geochemical gradients 10 years after application of a thick organic cover– Asemaninejad et al.
36	Microbial leaching of nickel from low-grade pyrrhotite ores – Romano et al.
37	A Comparative Study on Oxidation Kinetics of Ferrous Sulfate in Sulfuric Acid Solutions. - Lambert et al
38	Fungal biodiversity within coarse woody debris in northern Ontario boreal forests. – Hart et al.
39	Potential for CO_2 sequestration in processed kimberlite at diamond mines. – Stubbs et al.
40	Effects of rhizobioaugmentation with N-fixing actinomycete Frankia on *Casuarina glauca*-wastewater irrigated soil system. Ghazouani et al.
41	Role of Reforestation Techniques Across an Elevational Gradient in Soil Development Processes in Metal Contaminated Landscapes. Mukerji et al.

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