THÈMES TECHNIQUES / TECHNICAL THEMES

Gestion des résidus miniers et géotechnique environnementale / Mining Waste Management and Environmental Geotechnology

#Résumé #Abstract	Titre Title	Thème original Original Track	Premier auteur First author	Affiliation du premier auteur First author affiliation
ABS061	Evaluation of the stress distribution in inclined backfilled stopes	6.1 Entreposage des résidus miniers	Abtin Jahanbakhshzadeh	RIME, Department of Civil, Geological and Mining Engineering, École Polytechnique de Montréal
ABS395	Mise en évidence expérimentale du dosage optimal des ciments composés (liants) utilisés dans la fabrication de remblais en pâte cimentés	6.1 Entreposage des résidus miniers	Amal Sahi	Université du Québec en Abitibi Témiscamingue
ABS230	A Case Study: The Seismic Stability of an Upstream-Raised Tailings Impoundment – Empirical Methods and Treatment of Input Ground Motions	6.1 Entreposage des résidus miniers	Denise Leahy	SNC-Lavalin
ABS261	A new approach for estimating the stresses along the vertical central line in vertical backfilled stopes	6.1 Entreposage des résidus miniers	El Mustapha Jaouhar	polytechnique de montreal
ABS714	Experimental investigation on the effect of a waste rock inclusion on tailings consolidation	6.1 Entreposage des résidus miniers	Faustin Saleh Mbemba	Ecole Polytechnique de Montreal
ABS321	Gestion des résidus – mine de fer du Mont-Wright	6.1 Entreposage des résidus miniers	Frédéric Choquet	Ing.
ABS783	Shear strength and consolidation behaviour of raw and polymer amended oil sand fine tailings evaluated in simple shear and triaxial devices	6.1 Entreposage des résidus miniers	Mahsa Gholami	Department of Civil and Environmental Engineering, Carleton University
ABS221	Thickened tailings deposition: progressive placement modeling using a large strain consolidation model	6.1 Entreposage des résidus miniers	Michaël Demers Bonin	Golder Associés Ltée.
ABS232	A Case Study: Seepage Modeling and Progressive Design of an Upstream-Raised Tailings Impoundment using the Compaction Cell Method	6.1 Entreposage des résidus miniers	Nicolas Lemieux	SNC-Lavalin
ABS758	Predictive models of the compressive strength of cemented paste backfills taking into account the self-weight consolidation	6.1 Entreposage des résidus miniers	Tikou Belem	UQAT, Institut de recherche en mines et en environnement
ABS345	Re-activation of an inactive tailings impoundment	6.1 Entreposage des résidus miniers	Vu Tran	Ingénieur
ABS122	Laboratory Testing Program for Rainfall Runoff Prediction for Soil Cover Systems	6.1 Mine Waste Disposal	Ahlam Abdulnabi	Geotechnical and Geoenvironmental Engineering - University of Alberta -
ABS656	Recycling Waste Gypsum in Soil Stabilization Applications	6.1 Mine Waste Disposal	Aly Ahmed	Western Ontario University
ABS079	Arresting the external costs of small scale mining in Ghana – proposal for government assisted mining waste management	6.1 Mine Waste Disposal	Cynthia Coles	Memorial University of Newfoundland
ABS688	Model bearing capacity tests in a large laboratory simulation of polymer amended MFT	6.1 Mine Waste Disposal	Elizaveta Rozina	Carleton University
ABS265	On the effect of sophorolipids on the fractionation and speciation of arsenic in mine tailings.	6.1 Mine Waste Disposal	Fereshteh Arab	Concordia University
ABS370	Effect of cementitious amendment on the geochemical behavior of a surface paste tailings disposal	6.1 Mine Waste Disposal	ICHRAK HADIMI	Université du Québec en Abitibi-Témiscamingue (UQAT)
ABS238	Calibration of Geolysimeters to Track Short-term Soil Vegetation Atmosphere Transfers	6.1 Mine Waste Disposal	James Tipman	University of Saskatchewan
ABS012	Development and application of experimental protocols to assess the consolidation of tailings under saturated and unsaturated conditions	6.1 Mine Waste Disposal	Karim Essayad	Research Institute on Mines and the Environment (RIME UQAT-Polytechnique), Department of Civil, Geological and Mining Engineering, École Polytechnique, Montreal, Qc, Canada
ABS054	Evaluation of thermal properties of oil sand fluid fine tailings	6.1 Mine Waste Disposal	Kathryn Dompierre	University of Saskatchewan
ABS056	Characterisation of physical mass transport through oil sands fluid fine tailings in an end pit lake: a multi-tracer study	6.1 Mine Waste Disposal	Kathryn Dompierre	University of Saskatchewan

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ABS797	Effect of flocculating, thickening and Freeze/thaw on consolidation of oil sands fluid fine tailings	6.1 Mine Waste Disposal	Louis K. Kabwe	University of Alberta
ABS798	The Case for Using Fines Void Ratio	6.1 Mine Waste Disposal	Louis K. Kabwe	University of Alberta
ABS501	Implementation of Oil Sand Drill Cuttings Waste in Continuous Flight Auger Piles Concrete Mixtures	6.1 Mine Waste Disposal	Mahmoud Kassem	University of Western Ontario
ABS173	Characteristics of CKD, CKD-Amended TT and Geopolymer-Amended Tailings from Alberta	6.1 Mine Waste Disposal	Mahmoud Mahmoud	GES Geotech Inc
ABS498	Multiphysics Testing of the Strength of Cemented Tailings Backfills	6.1 Mine Waste Disposal	Mamadou Fall	University of Ottawa
ABS784	Combined evaporation and freeze-thaw effects in polymer amended mature fine tailings	6.1 Mine Waste Disposal	Manuel Sanchez-Sardon	Department of Civil and Environmental Engineering, Carleton University
ABS255	Characterizing the Transport of the Stable Isotopes of Water in Unsaturated Mining Waste	6.1 Mine Waste Disposal	Matthew Buchynski	Department of Civil and Geological Engineering, University of Saskatchewan
ABS436	Seismic Response Analyses and Stability of Tailings Impoundment Dikes based on Case Study	6.1 Mine Waste Disposal	Miguel Medina	École Polytechnique de Montréal
ABS309	Mine Backfill Porewater Pressure Dissipation: Numerical Predictions and Field Measurements	6.1 Mine Waste Disposal	Mohammad Shahsavari Goughari	University of Toronto
ABS502	Effect of Oil Sands Drill Cuttings Waste on Micropiles Grout Properties	6.1 Mine Waste Disposal	Moustafa Aboutabikh	Western University
ABS760	Determining Stable Spans of Undercut Cemented Paste Backfill	6.1 Mine Waste Disposal	Murray Grabinsky	University of Toronto
ABS754	Desiccation-consolidation modelling of oil sands fine tailings deposits	6.1 Mine Waste Disposal	Paul Simms	Carleton University
ABS755	Two dimensional, depth integrated two dimensional, and three dimensional modelling for geometry control of tailings deposits	6.1 Mine Waste Disposal	Paul Simms	Carleton Univeristy
ABS483	Stress evolution with time in stopes filled with a hydraulic backfill	6.1 Mine Waste Disposal	PENGYU YANG	PhD candidate
ABS665	Effect of climate change on soil covers in Northern Climates	6.1 Mine Waste Disposal	Rashid Bashir	York University
ABS262	Convection Modelling in Waste Rock Piles in Permafrost Regions	6.1 Mine Waste Disposal	Renata Klassen	Tetra Tech EBA
ABS506	Saturated and unsaturated preferential flow in mine waste rock - laboratory experiments and modelling approaches	6.1 Mine Waste Disposal	Stefan Broda	Polytechnique Montreal
ABS329	The Experimental Study of Electrokinetic Dewatering of Oil Sands Tailings	6.1 Mine Waste Disposal	Yu Guo	Geotechnical Research Center, Department of Civil and Environmental Engineering, Western University
ABS565	The Behaviour of Metal Contaminants in Silt Sand and Gravel	6.2 Contaminated Soils	Ado Yusuf Abdulfatah	Bayero University Kano
ABS662	THE ROLE OF OIL POLLUTION IN THE FORMATION OF SALINE FROZEN SOIL PROPERTIES	6.2 Contaminated Soils	Erika Grechishcheva	OJSC Fundamentproekt
ABS785	Modeling BTEX contaminants release from a gas station	6.2 Contaminated Soils	Kazem Badv	Geotechnique Research Laboratory, Department of Civil Engineering, Urmia University
ABS078	New Approach in Remediation of Contaminated Sediments in Shallow Harbours	6.2 Contaminated Soils	Mehdi Pourabadehei	Concordia University
ABS394	Removal of arsenic from contaminated water and its stabilization in soil using iron/copper nanoparticles	6.2 Contaminated Soils	Yassaman Babaee	Concordia University
ABS013	Caractérisation environnementale des sols et du remblai contenant des matières résiduelles à l'endroit d'un ancien dépôt pétrolier suite à la cessation de ses activités	6.2 Sols contaminés	LAMINE BOUMAIZA	Stantec experts-conseils Ltée

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ABS740	Representativeness in the field sampling of contaminated soils	6.2 Sols contaminés	Mirela Sona	École de technologie supérieure
ABS806	The Practical Limits of Cold Temperature Geomembrane Installation in Northern Canada	6.3 Landfills, Barriers and Goesynthetics	Andrew Mills	Layfield Canada Ltd.
ABS775	The current state of the practice of geosynthetic barriers: the best we can achieve	6.3 Landfills, Barriers and Goesynthetics	Boyd Ramsey	GSE Environmental LLC
ABS027	Effect of brine solution on antioxidants of HDPE geomembranes	6.3 Landfills, Barriers and Goesynthetics	MOHAMAD sHOAIB	Queen's University, Kingston, Canada
ABS807	Effectiveness of Jute Geotextile for hill slope stabilization in adverse climatic conditions	6.3 Landfills, Barriers and Goesynthetics	P.K. Choudhury	Indian Jute Industries' Research Association / National Jute Board
ABS601	Comportement des géocomposites de drainage à mini-drains en conditions hivernales	6.3 Landfills, Barriers and Goesynthetics	Stephan Fourmont	Afitex-Texel
ABS504	Suivis de la conductivité hydraulique d'une géomembrane bentonitique (GMB) lorsque exposée à différents lixiviats et à des cycles de mouillage-séchage et de gel-dégel.	6.3 Sites d'enfouissement, barrières imperméables et géosynthétiques	Jean-François St-Laurent	WSP
ABS163	THE HYDROCHEMICAL BEHAVIOUR OF THE ALDERMAC ABANDONED MINE SITE AFTER ITS REHABILITATION	6.4 Restauration de sites contaminés	Abdelkabir maqsoud	géologue
ABS461	DESIGN, CONSTRUCTION AND PRELIMINARY RESULTS ON TWO INSULATION COVERS EXPERIMENTAL CELLS AT THE MEADOWBANK	6.4 Restauration de sites contaminés	AKUE SYLVETTE AWOH	IRME/UQAT
ABS018	Influence des événements de précipitation extrêmes et des propriétés hydrogéologiques des matériaux sur la capacité de libération de recouvrement Store-and-Release en climat semi-aride à aride.	6.4 Restauration de sites contaminés	Bruno Bossé	IRME - UQAT
ABS698	Végétalisation de sites miniers à l'aide de biochars	6.4 Restauration de sites contaminés	Laurence Greffard	Université Laval
ABS087	A critical review of reclamation techniques for mine wastes disposal sites producing acidic effluents	6.4 Restauration de sites contaminés	Michel Aubertin	École Polytechnique de Montréal
ABS773	Caractérisation et évaluation économique d'anciens résidus miniers par méthodes géophysiques et pétrophysiques	6.4 Restauration de sites contaminés	Thibaut Astic	École Polytechnique de Montréal
ABS663	Succession in tundra landscapes and its implications for polar restoration efforts: case study of Herschel Island, YT, Canada	6.4 Restoration of Derelict Lands	Heather Cray	University of Waterloo
ABS271	Incorporating Geotechnical Investigations to Support Reclamation on Resource Projects	6.4 Restoration of Derelict Lands	Victoria Stevens	Stantec Consulting Ltd.
ABS734	Preliminary study of the influence of cemented paste backfill freezing on the thermal capacity and conductivity	6.5 Exploitation minière en régions froides	Fabrice BEYA KAZAMBUA	Université du Québec en Abitibi Témiscamingue
ABS404	Impact of salinity and low temperatures on the fluidity and rheological properties of fresh cemented paste backfills	6.5 Exploitation minière en régions froides	Kayumba Kalonji	Université du Québec en Abitibi-Témiscamingue
ABS362	GEOTECHNICAL INVESTIGATION AT THE LONG LAKE CONTAINMENT FACILITY, EKATI DIAMOND MINE, NT	6.5 Mining in Cold Regions	Gary Koop	Tetra Tech EBA Inc.
ABS746	Surface Water Infiltration Effects on the Performance of Thermal Capping Systems for Waste Rock in Continuous Permafrost	6.5 Mining in Cold Regions	Michael Angelopoulos	Golder Associates
ABS143	Permafrost environment problems and countermeasures in the process of coal mining	6.5 Mining in Cold Regions	wei Cao	Cold and Arid Regions Environmental and Engineering Research Institute, CAS