



Des géosciences innovantes pour demain
Innovative geoscience for tomorrow

QUÉBEC
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2022



Klohn Crippen Berger



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Présentations des affiches / Poster session

Titre / Title	Présentateur / Presenting author
Apprendre du passé / Learning from the Past	
Inventaire des événements historiques liés à différents aléas naturels survenus sur le territoire québécois	Éric David
Case History: the Benefits of Lidar Data Reviews as Part of Routine Geotechnical Slope Evaluation at Three Sites in Eastern Ontario and Western Québec	Raymond Haché
Apprendre de l'expérience de nos compères / Learning from the Experience of our Fellows	
A review of existing reservoir shoreline erosion prediction and monitoring methods	Beatrice Collier-Pandya
Lessons from recent earthquake-induced landslides in Chile and some considerations applicable to British Columbia	Sergio A. Sepúlveda
2D probabilistic slope stability analysis of a levee with relief wells using RLEM	Sina Javankhoshdel
Back analysis of the September 5th, 2021 rockfall near Lover's Arch at Hopewell Rocks Provincial Park, New Brunswick	William Hoyle
Programme de recherche sur les géorisques à l'Université Laval depuis 2015 et perspectives futures	Ariane Locat
Utilisation des drones pour la gestion des risques de mouvements de terrain au Québec	Alexis Fortin
Failure paths for levees - an international framework	Meindert Van (Virtual)
Décrypter les géorisques / Decrypting Geohazards	
Reliability analysis of slope stability under rapid drawdown considering transient seepage analysis and probabilistic variation of mechanical characteristics of soil	Moslem Rezvani
Determining relevant joint orientation parameters for evaluating rock mass erosion hazard in unlined spillways	Marie-Hélène Wisse
Assessment of post-peak strain softening behaviour of Eastern Canadian sensitive clays	Sarah Jacob
MPM simulations of debris flow entrainment, modelling boulders explicitly	Hervé Vicari
A comparison of two runoff programs for debris flow assessment at the Solalex-Anzeindaz region of Switzerland	Arijit Biswas Arghya
Un traité francophone sur les mouvements de terrain à paraître	Michel Jaboyedoff
Slope failure prediction combining limit equilibrium, case histories, and Bayesian Markov Chain Monte Carlo Method	Yuderka Trinidad González
Influences of tectonic and geomorphic processes on fault scarp height along the Teton fault, Wyoming, USA	Kyla Grasso
A Monte-Carlo based Vs30 microzonation map for Saguenay, QC	Vahid Hosseinpour
Vivre avec les glissements / Living with Landslides	
Geo-hazards Affecting the Road Network in Bhutan and the Scope for an Enhanced Geotechnical Asset Management System	Sonam Choden
Use of rock slope rating systems with remote sensing for Geotechnical Asset Management and preliminary application at a rock slope in Southern AB	Taylor Wollenberg-Barron
Characterizing seismic activity from a rock cliff with unsupervised learning, the case of Gros-Morne, Haute-Gaspésie	Alexi Morin (Virtual)
Working towards enhancing slope-scale landslide early-warning systems with geophysical characterisation and monitoring	Jim Whiteley
Se protéger des géorisques / Protecting Against Geohazards	
Using Rockyfor3D to map the zones exposed to rockfall hazard in Saint-Fabien-sur-Mer	Matteo Arnaldi
Determination of rockfall block energy during interaction with a rockfall attenuator	Moritz Gamperl
Susceptibility mapping for landslides in marine clays	Richard Guthrie
Experiences with testing procedures for rockfall attenuators	Ahren Bichler
L'effet du climat sur les géorisques / The Effect of Climate on Geohazards	
Considérations sur l'impact des changements climatiques sur les mouvements de masse au Québec	Jacques Locat
Post-wildfire debris floods and flows near Nicomen, BC	Kaushal R. Gnyawali (Virtual)

Lundi / Monday 16h30