

## Canadian Geotechnical Journal — Editors' Choices 2017

The Editor's Choice initiative by NRC Research Press and the Canadian Geotechnical Journal is a means of highlighting articles of particularly high caliber and topical importance. Last year, the following papers were featured on the Journal's home page.

Cone penetration test (CPT)-based soil behaviour type (SBT) classification system — an update

P.K. Robertson

53(12): 1910–1927 dx.doi.org/10.1139/cgj-2016-0044

Distributed temperature sensing applied during diaphragm wall construction

Rodriaan Spruit, Frits van Tol, Wout Broere, Pieter Doornenbal, and Victor Hopman

54(2): 219–233 dx.doi.org/10.1139/cgj-2014-0522

Runout analysis and mobility observations for large open pit slope failures

John Whittall, Erik Eberhardt, and Scott McDougall

54(3): 373–391 dx.doi.org/10.1139/cgj-2016-0255

Numerical study of the effect of soil–atmosphere interaction on the stability and serviceability of cut slopes in London clay

A. Tsiampousi, L. Zdravkovic, and D.M. Potts

54(3): 405–418 dx.doi.org/10.1139/cgj-2016-0319

Transformation models for effective friction angle and relative density calibrated based on generic database of coarse-grained soils

Jianye Ching, Guan-Hong Lin, Jie-Ru Chen, and Kok-Kwang Phoon

54(4): 481–501 dx.doi.org/10.1139/cgj-2016-0318

Performance assessment of peat rail subgrade before and after mass stabilization

Lisa N. Wheeler, W. Andy Take, and Neil A. Hoult

54(5): 674–689 dx.doi.org/10.1139/cgj-2016-0256

Rock quality designation (RQD): time to rest in peace

P.J. Pells, Z.T. Bieniawski, S.R. Hencher, and S.E. Pells

54(6): 825–834 dx.doi.org/10.1139/cgj-2016-0012

Target geotechnical reliability for redundant foundation systems

Farzaneh Naghibi and Gordon A. Fenton

54(7): 945–952 dx.doi.org/10.1139/cgj-2016-0478

Insight into hydraulic conductivity testing of geosynthetic clay liners (GCLs) exhumed after 5 and 7 years in a cover

R.K. Rowe, R.W.I. Brachman, M.S. Hosney, W.A. Take, and D.N. Arnepalli

54(8): 1118–1138 dx.doi.org/10.1139/cgj-2016-0473

Membrane behavior of compacted sand–bentonite mixture

Amara J. Meier and Charles D. Shackelford

54(9): 1284–1299 dx.doi.org/10.1139/cgj-2016-0708

The Saint-Jude landslide of 10 May 2010, Quebec, Canada: Investigation and characterization of the landslide and its failure mechanism

Ariane Locat, Pascal Locat, Denis Demers, Serge Leroueil, Denis Robitaille, and Guy Lefebvre

54(10): 1357–1374 dx.doi.org/10.1139/cgj-2017-0085

Capacity evaluation of voided driven piles using embedded data collectors

Khiem T. Tran, Scott J. Wasman, Michael McVay, and Rodrigo Herrera

54(10): 1397–1407 dx.doi.org/10.1139/cgj-2017-0008