Photographic feature

Cosseismic and monsoon-triggered landslide impacts on remote trekking infrastructure, Langtang Valley, Nepal
J. N. Jones, M. Stokos, S. J. Boulton, G. L. Bennett & M. R. Z. Whitworth

Research article

Groundwater recharge susceptibility mapping using logistic regression model and bivariate statistical analysis
Ismael Chenini & Mohamed Haythem Msadek

Groundwater and its economic nature
Andreas N. Charisiambous

Decision tree as a tool for the management of coastal aquifers of limited saturated thickness
Silvina C. Carretero, Leandro Rodrigues Capítulo & Eduardo E. Kruse

The origin and pedogenesis of the Clay-with-flints Formation
U. Lawrence

Discriminating aggregate sources with in situ mineral chemistry: an Irish example
T. Doman, R. Goodhus & T. Rieger

Backfill mining alternatives and strategies for shallow mining in the western mining area of China
Qiang Sun, Jixiong Zhang, Wenyue Qi & Meng Li

Groundwater chemical characteristics and circulation mode in the Suixiao coal-mining district
Yanjian Lu, Luweng Chen, Yudi He, Lanting Wang, Jie Zhang & Yei Chen

Prediction of tunnelling impact on flow rates of adjacent extraction water wells
Mohsen Golián, Homayoon Khatib, Vijay P. Singh, Kavesh Ostad-Al-Akabi & Hamed Tavasoli Rostami

Stability analyses of large waste dumps via 3D numerical modelling considering cracks and earthquake loading: a case study of Zhijiaobaoaba waste dump
Yidong Bao, Jianpeng Chen, Xiaohui Sun, Xudong Han & Shengquan Song

The shear stiffness criterion for rock joints considering rock wear behaviour
Liren Ban, Chun Zhu, Chengzhig Qi, Zhigang Tao, Kuan Jiang & Jingtao Li

Case study

A case study for identification of organic–silt bottom sediments in an artificial lake formed in gravel alluvium in the geotourism locality of Sinečné Jazerá in Senec (Bratislava, Slovakia)
Marian Marschalko, René Putilka, Istok Vilmaz, Dominik Niemiec, Xiaofeng Cheng, Irving Dostal & Petr Kořík

Technical note

Effect of depositional water content on the collapsibility of a reconstituted loess
Ling Xin Wang, Tom Shre & Jamie Stalling

A large palaeo-landslide reactivated by high-speed railway construction works (northern Spain)

Void ratio–permeability relations for clays
Chunguang Li

Thematic collection: Ground-related risk to transportation infrastructure

Strategic geotechnical asset management
Tim Sprink

The identification and mitigation of geohazards using shallow airborne engineering geophysics and land-based geophysics for brown- and greenfield road investigations
Robert M. J. Damhuis, Pierre L. Roux & Christoffel J. S. Fourie

Establishing and quantifying the causal linkage between drainage and earthworks performance for Highways England
Matt Lane, Keith Hailead, Christopher Power, Tim Sprink, Andy Bailey & David Patterson

Geospatial assessment methods for geotechnical asset management of legacy railway embankments
Adam J. P. Noakes, Laura F. Mason-Jarvis, Graham R. Taylor & Elton Evans