landslides crossed along the path of Egnatia Highway and required meticulous geological mapping, very extensive geotechnical investigation and heavy stabilization works including river bed at the toe and latent sliding surfaces within the landslide mass readily mobilized as an effect of local earthworks or heavy rainfall incidents. This was one of the most difficult order to avoid a 70 m deep landslide along the south bank. The landslide on the north bank was a retrogressive palaeolandslide with substantial movements leading to burial of the highway crossed a 650m long by 650m wide landslide along the north bank of the Metsovitikos river with movements recorded in inclinometers at a maximum depth of 55 m, in eastern to western Greece along the north part of the country and is approximately 670 km long. It was constructed in a region of locally very adverse geological conditions especially Ian Sims, Khaled Hassan, Murray Reid, Mohammed bin Saif Al-Kuwari, Mohamed Attia, Ahmed Sediq and Abdulrahman Al Naemi

Changes in physical and mechanical properties of limestone and marble after exposure to different high temperatures Weiqiang Zhang, Chenchen Xu and Jishh Geng

Research article
Wadi gravel – a new concrete aggregate in Qatar: Part 1 – investigation, processing and trials Khaled Hassan, Murray Reid, Ian Sims, Mohammed bin Saif Al-Kuwari, Mohamed Attia, Ahmed Sediq and Abdulrahman Al Naemi

Westergaard – a new concrete aggregate in Qatar: Part 2 – Alkali aggregate reactivity Ian Sims, Khaled Hassan, Murray Reid, Mohammed bin Saif Al-Kuwari, Mohamed Attia, Ahmed Sidiq and Abdulrahman Al Naami

Soil salinity mapping of an urbanizing area in NE Thailand Rungruj Ajitnuch, Mark E. Everett and Marcia K. Schultmeister

Methodology for the determination of <63 µm free mica fines in sand and within the cement matrix of hardened concrete blocks using scanning electron microscopy and energy dispersive spectroscopy Leona O’Connor and Robbie Goodhew

Evaluation of the weatherability of andesite aggregates in road pavements Ebrahim Sangsefidi, Doug James Wilson, Philippa Margaret Black and Tam Joseph Larkin

Comparing seapage and selenium desorption in blasted-rock fills using two reclamation techniques Nathan DePriest, Leslie Hopkinson and John Quaranta

A novel approach to evaluating the compaction control of soils Satoru Shimobe and Giovanni Spagnoli

Photographic feature
Preliminary understanding of the emplacement mechanism for the Tahman rock avalanche based on deposit landforms Yuxuan Zhu, Fuchu Dai and Xin Yao

Thematic collection: Ground-related risk to transportation infrastructure
The production of ground-related hazard maps to aid risk management of the Highways England Strategic Road Network Hazard maps for Highways England Jonny Neville, Christopher Power, Tim Spink, David Grant and David Patterson

Book review
Colin J. Serridge

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