

Publications of Dr Phil G.Smith

Proven experts in a geotechnical world

- Smith, P. G. C. (1995). Gas generation and its effects on the stability of sewage sludge tips. M.Sc. [1] dissertation, Univ. of London (Imperial College).
- Smith, P. G. C., Addenbrooke, T. I. & Potts, D. M. (2002) Coupled finite element analysis of infiltration into [2] unsaturated soils, Unsaturated Soils. Proc. 3rd Int. Conf. on Unsaturated Soils (UNSAT 2002), Recife, Brazil (ed. Jucá, J.F.T., de Campos, T.M.P. and Marinho, F.A.M.), Lisse: Swets & Zeitlinger, Vol. 1, pp. 3-8.
- Smith, P. G. C. (2003). Numerical analysis of infiltration into partially saturated soil slopes. Ph.D Thesis, [3] University of London (Imperial College), 397pp.
- [4] Smith, P. G. C., Potts, D. M. & Addenbrooke, T. I. (2008). A precipitation boundary condition for finite element analysis, Unsaturated Soils: Advances in Geo-Engineering. Proceedings of the First European Conference on Unsaturated Soils, E-UNSAT 2008, Durham, UK (ed. Toll, D.G., Augarde, C.E., Gallipoli, D. & Wheeler, S.J.). CRC Press, pp. 773-778.
- Scholes, H. & Smith, P. G. C. (2012). Chapter 50: Geotechnical reporting, in ICE Manual of Geotechnical [5] Engineering. ICE Publishing (Thomas Telford Ltd).
- Smith, P. G. C., Lawrence, U., Terry, S. & Cooke, S. (2013). Unexploded ordnance risk assessment on [6] Crossrail project in London - pre-empting best practice. ICE proceedings, Geotechnical Engineering, Vol. 166, GE4, pp333-342, and re-published in 'Crossrail Project: Infrastructure design and construction' Volume 1, 2015, ICE publishing/Crossrail.
- [7] Cabarkapa, Z. & Smith, P. G. C. (2016) Foundation design and construction for store in Zagreb, Croatia. ICE Proceedings. Geotechnical Engineering, Vol 169, GE4, pp346-354.
- Tsiampousi, A., Smith, P. G. C. & Potts, D. M. (2017). Coupled consolidation in unsaturated soils: An [8] alternative approach to derive the Governing Equations. Computers and geotechnics 84(2017) 238-255.
- Tsiampousi, A., Smith, P. G. C. & Potts, D. M. (2017). Coupled consolidation in unsaturated soils: From a [9] conceptual model to applications in boundary value problems. Computers and geotechnics 84(2017) 256-277.
- Higgins, K, Smith, P. G. C. & Gasparre, A. (2017). Domestic Basements in 'Geotechnical issues in construction: short paper series and sixth conference held on 2 March 2015, at CIRIA, London" CIRIA X533, 2017.

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