



- [1] SCARFONE, R., LLORET-CABOT M. & WHEELER, S. J. (2018) Suction-enhanced geotechnical design through Capillary Barrier Systems. In Proceedings of the 15th BGA Young Geotechnical Engineers' Symposium, Guildford, UK, 2-3 July 2018.
- [2] SCARFONE, R., LLORET-CABOT M. & WHEELER, S. J. (2018) Numerical modelling of water breakthrough in coarse soils initially at very low degree of saturation. In Proceedings of the 7th International Conference on Unsaturated Soils, Hong Kong, China, 3-5 August 2018.
- [3] SCARFONE, R., WHEELER, S. J. & SMITH, C. C. (2019) Numerical study of the applicability of capillary barrier systems for prevention of rainfall-induced slope instabilities. MUSLOC 2019, Barcelona, 19-20 September 2019.
- [4] SCARFONE, R., MORIGI, M. & CONTI, R. (2020) Assessment of dynamic soil-structure interaction effects for tall buildings: A 3D numerical approach. Soil Dynamics and Earthquake Engineering, 128, 105864. <https://doi.org/10.1016/j.soildyn.2019.105864>
- [5] SCARFONE, R., WHEELER, S. J. & SMITH, C. C. (2020) Numerical study of the application of capillary barrier systems for prevention of rainfall-induced slope instabilities. In Proceedings of the 4th European Conference on Unsaturated Soils, Lisbon, Portugal, 19-21 October 2020.
- [6] SCARFONE, R., WHEELER, S. J. & LLORET-CABOT, M. (2020) Conceptual hydraulic conductivity model for unsaturated soils at low degree of saturation and its application to the study of capillary barrier systems. Journal of Geotechnical and Geoenvironmental Engineering, 146(10): 04020106. <https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29GT.1943-5606.0002357>
- [7] SCARFONE, R. (2020) Modelling the hydraulic behaviour of unsaturated soils and application to the numerical and experimental study of capillary barrier systems. Ph.D. Thesis, University of Glasgow, U.K.