

## Publications by Dr M. S. P. Wan

**FEARNHEAD, N., MANISCALCO, K., STANDING, J. R. & WAN, M. S. P. (2014)** Deep excavations: monitoring mechanisms of ground displacement. *Proceedings of the Institution of Civil Engineers – Geotechnical Engineering*, 167(2), pp.117-129.

**WAN, M. S. P. (2014)** Field monitoring of ground response to EPBM tunnelling close to existing tunnels in London Clay. *PhD thesis*, Imperial College London, London, UK.

**WAN, M. S. P. & STANDING, J. R. (2014)** Lessons learnt from installation of field instrumentation. *Proceedings of the Institution of Civil Engineers – Geotechnical Engineering*, 167(5), pp.491-506.

**WAN, M. S. P. & STANDING, J. R. (2014)** Field measurement by fully grouted vibrating wire piezometers. *Proceedings of the Institution of Civil Engineers - Geotechnical Engineering*, 167(6), pp.547-564.

**HAUSWIRTH, D., PUZRIN, A. M., CARRERA, A., STANDING, J. R. & WAN, M. S.P. (2014)** Application of fibre optic sensors for simple assessment of ground surface displacements during tunnelling. *Géotechnique*, 64(10), pp.837-842.

**AVGERINOS, V., POTTS, D. M., STANDING, J. R. & WAN, M. S. P. (2017)** Predicting tunnelling-induced ground movements and interpreting field measurements using numerical analysis: Crossrail case study at Hyde Park. *Géotechnique*. [<http://doi.org/10.1680/jgeot.16.P.219>]

**WAN, M. S. P., STANDING, J. R., POTTS, D. M. & BURLAND, J. B. (2017)** Measured short-term ground surface response to EPBM tunnelling in London Clay. *Géotechnique*, 67(5), pp 420-445. [<http://doi.org/10.1680/jgeot.16.P.099>]

**WAN, M. S. P., STANDING, J. R., POTTS, D. M. & BURLAND, J. B. (2017)** Measured short-term subsurface ground displacements from EPBM tunnelling in London Clay. *Géotechnique*, 67(9), pp 748-779. [<http://doi.org/10.1680/jgeot.SIP17.P.148>].  
Paper awarded **TELFORD GOLD MEDAL 2018**.

**WAN, M. S. P., STANDING, J. R., POTTS, D. M. & BURLAND, J. B. (2018)** Pore water pressure and total horizontal stress response to EPBM tunnelling in London Clay. *Géotechnique*. Issue ahead of print. [<http://doi.org/10.1680/jgeot.17.P.309>]

