

Publications of Dr Chandra Abbireddy

Proven experts in a geotechnical world

- [1] Menkiti, C. O., Davis, J. A., Semertzidou, K., Abbireddy, C. O. R., Hight, D. W., Williams, J. D., and Black, M. (2015) The geology and geotechnical properties of the Thanet Sand Formation–an update from the Crossrail Project. In Crossrail Project: Infrastructure design and construction (pp. 63-77). ICE Publishing.
- [2] **Abbireddy, C. O. R.**, and Clayton, C. R. I. (2015) The impact of particle form on the packing and shear behaviour of some granular materials: an experimental study. Granular Matter, 17(4), 427-438.
- [3] Abbireddy, C. O. R., and Clayton, C. R. I. (2010) Varying initial void ratios for DEM simulations. Géotechnique, 60(6), 497-502.
- [4] **Abbireddy, C. O. R.**, and Clayton, C. R. (2009) A review of modern particle sizing methods. Proceedings of the Institution of Civil Engineers-Geotechnical Engineering, 162(4), 193-201.
- [5] **Abbireddy, C. O. R.**, Clayton, C. R. I., and Huvenne, V. A. I. (2009) A method of estimating the form of fine particulates. Geotechnique, 59(6), 503-511.
- [6] Clayton, C. R. I., **Abbireddy, C. O. R.**, and Schiebel, R. (2009) A method of estimating the form of coarse particulates. Geotechnique, 59(6), 493-501.
- [7] **Abbireddy, C. O. R.** (2008) Particle form and its impact on packing and shear behaviour of particulate materials. Ph.D Thesis, University of Southampton, U.K..
- [8] Clayton, C. R. I. and Abbireddy, C. O. R. (2006) Influence of particle form on initial packing and dilation of particulate materials – a numerical study. International Symposium on Geomechanics and Geotechnics of Particulate Media, IS Yamaguchi – 2006, Japan, Paper No. 041.
- [9] Kumar, J. and **Abbireddy, C. O. R.** (2006) Dynamic response of footing and machine with spring mounting base. Geotechnical and Geological Engineering Journal, Springer Netherlands, 24:15-27.
- [10] Kumar, J. and Abbireddy, C. O. R. (2004) Variation of soil Stiffness with footing displacement amplitude using block vibration test. Proceedings of National Symposium on Advances in Geotechnical Engineering, NSAGE-2004, Bangalore, July 22-23, pp. 159-162.
- [11] **Abbireddy, C. O. R.** (2003) An experimental investigation of machine foundation with cushioning of spring mounting base and pad. M.E. Dissertation, Indian Institute of Science Bangalore, India.