

# Publications for Thomas Hubble

## 2019

Clarke, S., Hubble, T., Miao, G., Airey, D., Ward, S. (2019). Eastern Australia's submarine landslides: implications for tsunami hazard between Jervis Bay and Fraser Island. *Landslides*, Article in press. <a href="http://dx.doi.org/10.1007/s10346-019-01223-6">[More Information]</a>

Helfensdorfer, A., Power, H., Hubble, T. (2019). Modelling Holocene analogues of coastal plain estuaries reveals the magnitude of sea-level threat. *Scientific Reports*, 9(2667), 1-13. <a href="http://dx.doi.org/10.1038/s41598-019-39516-4">[More Information]</a>

Passos, T., Webster, J., Braga, J., Voelker, D., Renema, W., Beaman, R., Nothdurft, L., Hinestrosa, G., Clarke, S., Yokoyama, Y., Kinsela, M., Hubble, T., et al (2019). Paleoshorelines and lowstand sedimentation on subtropical shelves: a case study from the Fraser Shelf, Australia. *Australian Journal of Earth Sciences*, 66(4), 547-565. <a href="http://dx.doi.org/10.1080/08120099.2018.1558417">[More Information]</a>

Hubble, T., Yeung, S., Clarke, S., Baxter, A., De Blasio, F. (2019). Submarine landslides offshore Yamba, NSW, Australia: an analysis of their timing, downslope motion and possible causes. *Geological Society, London, Special Publications*. <a href="http://dx.doi.org/10.1144/SP477.11">[More Information]</a>

## 2017

Hubble, T., Clarke, S., Stokes, A., Phillips, C. (2017). 4th International Conference on soil bio- and eco-engineering (SBEE2016) i½The Use of Vegetation to Improve Slope Stabilityi½. *Ecological Engineering*, 109, 141-144. <a href="http://dx.doi.org/10.1016/j.ecoleng.2017.11.003">[More Information]</a>

Giadrossich, F., Schwarz, M., Cohen, D., Cislighi, A., Vergani, C., Hubble, T., Phillips, C., Stokes, A. (2017). Methods to measure the mechanical behaviour of tree roots: A review. *Ecological Engineering*, 109, 256-271. <a href="http://dx.doi.org/10.1016/j.ecoleng.2017.08.032">[More Information]</a>

Clarke, S., Power, H., Wilson, K., Hubble, T. (2017). Scars left by Australia's undersea landslides reveal future tsunami potential. *The Conversation*.

## 2016

Clarke, S., Hubble, T. (2016). Landslides. In James Goff, C R de Freitas (Eds.), *Natural Hazards in Australasia*, (pp. 178-224). Melbourne: Cambridge University Press. <a href="http://dx.doi.org/10.1017/CBO9781107590199.008">[More Information]</a>

Lamarche, G., Mountjoy, J., Bull, S., Mueller, C., Hubble, T., Krastel, S., Lane, E., Micallef, A., Moscardelli, L., Pecher, I., et al (2016). Preface. *7th International Symposium on Submarine Mass Movements and Their Consequences*, Wellington: Springer.

Clarke, S., Hubble, T., Webster, J., Airey, D., De Carli, E., Ferraz, C., Reimer, P., Boyd, R., Keene, J. (2016). Sedimentology, structure and age estimate of five continental slope submarine landslides, eastern Australia. *Australian*

*Journal of Earth Sciences*, 63(5), 631-652. <a href="http://dx.doi.org/10.1080/08120099.2016.1225600">[More Information]</a>

Fawaz, A., Teoh, A., Airey, D., Hubble, T. (2016). Soil strength in the Murray River determined from a free falling penetrometer. *5th International Conference on Geotechnical and Geophysical Site Characterisation (ISC 2016)*, Gold Coast: Australian Geomechanics Society.

Hubble, T., Webster, J., Yu, P., Fletcher, M., Voelker, D., Airey, D., Clarke, S., Puga-Bernabeu, A., Mitchell, D., Howard, F., et al (2016). Submarine Landslides and Incised Canyons of the Southeast Queensland Continental Margin. In G Lamarche, J Mountjoy, S Bull, T Hubble, S Krastel, E Lane, et al. (Eds.), *Submarine Mass Movements and Their Consequences: 7th International Symposium*, (pp. 125-134). Cham: Springer. <a href="http://dx.doi.org/10.1007/978-3-319-20979-1\_12">[More Information]</a>

Lamarche, G., Mountjoy, J., Bull, S., Hubble, T., Krastel, S., Lane, E., Micallef, A., Moscardelli, L., Mueller, C., Pecher, I., et al (2016). Submarine Mass Movements and their Consequences: Progress and Challenges. In G Lamarche, J Mountjoy, S Bull, T Hubble, S Krastel, E Lane, et al. (Eds.), *Submarine Mass Movements and Their Consequences: 7th International Symposium*, (pp. 1-12). Cham: Springer. <a href="http://dx.doi.org/10.1007/978-3-319-20979-1\_1">[More Information]</a>

Packham, G., Hubble, T. (2016). The Narooma Terrane offshore: a new model for the southeastern Lachlan Orogen using data from rocks dredged from the New South Wales continental slope. *Australian Journal of Earth Sciences*, 63(1), 23-61. <a href="http://dx.doi.org/10.1080/08120099.2016.1150346">[More Information]</a>

## 2015

Power, H., Clarke, S., Wilson, O., Hubble, T. (2015). Tsunami hazard from submarine landslides: 3D inundation modelling in New South Wales, Australia. *Australasian Coasts & Ports Conference 2015: 22nd Australasian Coastal and Ocean Engineering Conference and the 15th Australasian Port and Harbour Conference*, Auckland, New Zealand: Engineers Australia.

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## 2013

Hubble, T., Airey, D., Sealey, H., De Carli, E., Clarke, S. (2013). A little cohesion goes a long way: Estimating appropriate values of additional root cohesion for evaluating slope stability in the Eastern Australian highlands. *Ecological Engineering*, 61(Part C), 621-632. <a href="http://dx.doi.org/10.1016/j.ecoleng.2013.07.069">[More Information]</a>

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Hubble, T., Yu, P., Airey, D., Clarke, S., Boyd, R., Keene, J., Exon, N., Gardner, J. (2012). Physical Properties and Age of Continental Slope Sediments Dredged from the Eastern Australian Continental Margin - Implications for Timing of Slope Failure. *5th International Symposium on Submarine Mass Movements and Their Consequences*, Dordrecht, Netherlands: Springer. <a href="http://dx.doi.org/10.1007/978-94-007-2162-3\_4">[More Information]</a>

Clarke, S., Hubble, T., Airey, D., Yu, P., Boyd, R., Keene, J., Exon, N., Gardner, J. (2012). Submarine landslides on the upper Southeast Australian passive continental margin - preliminary findings. *5th International Symposium on Submarine Mass Movements and Their Consequences*, Dordrecht, Netherlands: Springer. <a href="http://dx.doi.org/10.1007/978-94-007-2162-3\_5">[More Information]</a>

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Hubble, T., Rutherford, I. (2010). Evaluating the relative contributions of vegetation and flooding in controlling channel widening: the case of the Nepean River, southeastern Australia. *Australian Journal of Earth Sciences*, 57(5), 525-541. <a href="http://dx.doi.org/10.1080/08120099.2010.492910">[More Information]</a>

Hubble, T. (2010). Improving the stream of consciousness: A nomenclature for describing the factor of safety in river bank stability analysis. *Ecological Engineering*, 36(12), 1765-1768. <a href="http://dx.doi.org/10.1016/j.ecoleng.2010.07.001">[More Information]</a>

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Docker, B., Hubble, T. (2008). Quantifying root-reinforcement of river bank soils by four Australian tree species. *Geomorphology*, 100(3-4), 401-418. <a href="http://dx.doi.org/10.1016/j.geomorph.2008.01.009">[More Information]</a>

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Liu, X., Lu, X., Yang, K., Hubble, T., Hou, Q. (2007). Monte Carlo simulations of surface energy of the open tetrahedral surface of 2 : 1-type phyllosilicate. *Journal of Colloid and Interface Science*, 307(1), 17-23. <a href="http://dx.doi.org/10.1016/j.jcis.2006.10.036">[More Information]</a>

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