

The Te Horo (Dart) Landslide – Laser Scanning, SfM Photogrammetry, Hydrosurveying and some lessons for Land Use Planning



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ABSTRACT: Te Horo is undoubtedly Otago's (if not New Zealand's) most active landslide. Renewed activity in January 2014 dammed the Dart River and formed a 3 km-long lake. A series of laser scanning, photogrammetric and hydrosurveying methods are being used to document change and understand the processes. About 6% of Otago is fans formed from such processes and we have inhabited these landforms - they create the stony soils that are so good for growing grapes. Te Horo provides a stark reminder we are fortunate our urban areas are for the most part not in New Zealand's mountain regions, but there is a geological hazard to be wary of, which can be quite difficult to manage.



12:00 noon, Thursday, 21 August 2014

L1 Lecture Theatre

School of Surveying

310 Castle Street

