

FP2 2019 Monthly Meetings

FP2 Researchers Meeting #8 - 19 November 2019

Agenda

1. Introduction and general updates
2. Xiaoyu Chen: *Investigating the mechanisms of downslope motions of granular particles in small-scale experiments using magnetic tracking system*
3. Yuri Wong: *Performance of inclined piles under liquefaction-induced lateral spreading*

FP2 Researchers Meeting #7 - 17 September 2019

Agenda

- Introduction and general updates
- A loosely coupled approach based on damage parameter for 1D effective stress analysis (Anna Chiaradonna)
- Numerical validation of structure-soil-structure interaction (SSSI) affected by liquefaction using two centrifuge tests (Farbod Yarmohammadi)

FP2 Researchers Meeting #6 - 20 August 2019

Agenda

1. Introduction and general updates
2. Direct Simple Shear Liquefaction Response of Christchurch Sandy Silty Soils (Claudio Cappellaro)
3. Estimation of Time of Liquefaction along the Avon River for Back Analysis of Lateral Spreading (Maxim Millen)

FP2 Researchers Meeting #5 - 16 July 2019

Agenda

- Introduction and general updates
- Numerical analysis of inclined pile group performance in liquefiable sands (Yuri Wong)
- 3D seismic site response with soil heterogeneity and wave scattering (Chris de la Torre)
- North Island Site Characterisation using H/V spectral ratios and North Island (Andrew Stolte)

FP2 Researchers Meeting #4 - 23 May 2019

Agenda

1. Introduction and general updates
2. Monitoring seismic-induced soil movements using magnetic tracking system (Xiaoyu Chen)
3. Liquefaction evaluation of gravelly reclamation fill at CentrePort, Wellington (Aimee Rhodes)

FP2 Researchers Meeting #3 - 16 April 2019

Agenda

1. Introduction and general updates
2. Catastrophic earthquake-induced slope failure in volcanic soil deposits: the case history of the Takanodai landslide, Japan (Gabriele Chiaro)
3. Preliminary Soil Structure Interaction Analysis of an Instrumented Wellington Building (Chris McGann)

FP2 Researchers Meeting #2 - 19 March 2019

Agenda

1. Introduction and general updates (Rolando Orense)
2. Seismic and co-seismic hazard exposure of NZ infrastructure networks (Liam Wotherspoon)
3. Updated Site Characterisation and Liquefaction Assessment of CentrePort, Wellington (Ribu Dhakal)

FP2 Researchers Meeting #1 - 19 February 2019

Agenda

1. Welcome and overview of FP2 for 2019 (Liam/Misko)
2. CRR-Vs correlations for natural pumiceous sands (Baqer Asadi)
3. Macro-mechanism modelling of buildings on liquefiable soil for regional loss assessment (Maxim Millen)