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**Programme Overview**

* [Sunday 22 February 2015](http://www.anz2015.com/programme/programme-overview/#sunday-22-february)
* [Monday 23 February 2015](http://www.anz2015.com/programme/programme-overview/#sunday)
* [Tuesday 24 February 2015](http://www.anz2015.com/programme/programme-overview/#tuesday-24-february-2015)
* [Wednesday 25 February 2015](http://www.anz2015.com/programme/programme-overview/#wednesday-25-february-2015)

| **Programme Day 2** | | | | |
| --- | --- | --- | --- | --- |
| 0800-1730 | Registration and Information Desk open – Shed 6 | | | |
| 0830-0930 | Conference Opening - Room 1, Shed 6 | | | |
| 0930-1030 | **Keynote Presentation AVOIDING OVER-CONSERVATISM AND CONVENTIONAL DOGMAS IN SEISMIC GEOTECHNICAL DESIGN** [**Professor George Gazetas**](http://www.anz2015.com/programme/speakers/9/)**,** Professor in Civil Engineering, Director of Soil Mechanics/Dynamics Laboratory, National Technical University of Athens, Greece | | | |
| 1030-1100 | Morning Tea and Trade Expo in the Exhibition Hall | | | |
| 1100-1215 | CONCURRENT SESSION 1 | | | |
|  | **Risk Case Histories**  Room 1, Shed 6 | **Environmental Waste Stabilisation**  Room 2, Shed 6 | **Land Development - Land Zoning**  Room 3, Shed 6 | **Geotechnical Analysis**  Room 4, Shed 6 |
|  | **1100-1115**  *Bulk Liquids Berth 2 (Sydney) - A case study in pile vibration monitoring and management*  **Helen Barbour-Bourne** | **1100-1115**  *Physical properties and compaction characteristics of ETP and WTP biosolids*  **Aruna Ukwattata** | **1100-1115**  *Flow category landslide susceptibility modelling of the Sydney Basin*  **Darshika Palamakumbure** | **1100-1115**  *Isogeometric Methods for Numerical Simulation in Geomechanics*  **Gernot Beer** |
|  | **1120-1135**  *Rock, rumble and roll: DoC high country hut hazard assessment procedures*  **Paul Wopereis** | **1120-1135**  *Geotechnical properties of biosolids stabilised with lime and cement*  **Farshid Maghoolpilehrood** | **1120-1135**  *Land use planning for slope instability hazards in Wanganui*  **Doug Mason** | **1120-1135**  *Soil cracking modelling using the mesh-free SPH method*  **Jayantha Kodikara** |
|  | **1140-1155**  *What lies beneath - mitigating the risk from buried services to geotechnical investigations*  **Steve Temple** | **1140-1155**  *Waste not want not - A unique industrial waste disposal facility*  **Gerald Strayton** | **1140-1155**  *The benefits of a shared geotechnical database in the recovery of Christchurch following the 2010 - 2011 Canterbury Earthquakes and the potential benefits of expanding it into a national database*  **Virginie Lacrosse** | **1140-1155**  *Boundary element methods for the simulation of underground construction*  **Christian Duenser** |
|  | **1200-1215**  *‘Stuff Happens’ - A Case History of a Safety Incident while Assessing Slopes in Waioeka Gorge*  **David Stewart** | **1200-1215**  *A preliminary investigation into the sequestration of biochar in lime-GGBS treated Acid Sulphate Soils*  **Asadul Haque** | **1200-1215**  *Population explosion onto unstable ground in the Auckland region*  **Bruce Simms** | **1200-1215**  *Open source applications in geotechnical engineering*  **Jason Surjadinata** |
| 1215-1315 | Lunch and Trade Expo in the Exhibition Hall | | | |
| 1315-1430 | CONCURRENT SESSION 2 | | | |
|  | **Pile Foundations** Room 1, Shed 6 | **Geohydrology** Room 2, Shed 6 | **Land Development Case Histories** Room 3, Shed 6 |  |
|  | **1315-1330**  *Influence of pile installation techniques on ground heave in clays*  **Martin Larisch** | **1315-1330**  *Reducing the risk of acidic groundwater through modelling the performance of a permeable reactive barrier in Shoalhaven floodplain*  **Udeshini Pathirage** | **1315-1330**  *Evaluation of coalwash as a potential structural fill material for port reclamation*  **Chazath Kaliboullah** |  |
|  | **1335-1350**  *Experimental study of driven pile capacity improvement due to compaction grouting*  **Sufyan Samsuddin** | **1335-1350**  *Thermal properties of Melbourne Mudstone*  **David Barry-Macaulay** | **1335-1350**  *Fox Glacier - geological and geotechnical issues for access*  **Julia Riding** |  |
|  | **1355-1410**  *A new end-bearing capacity of piles in crushable soils*  **Tim Hull** | **1355-1410**  *Waterview connection: Environmental impacts of a deep drained trench*  **Sian France** | **1355-1410**  *Construction risks on soft ground - Some recent cases*  **Ioannis Antonopoulos** |  |
|  | **1415-1430**  *Mitigating the risk of ageing piling equipment and foreign migrant work force by full scale pile testing in Cabinda, Angola*  **Eduard Vorster** |  |  |  |
| 1430-1500 | Afternoon Refreshments and Trade Expo in the Exhibition Hall | | | |
| 1500-1615 | CONCURRENT SESSION 3 | | | |
|  | **Risk Case Histories**  Room 1, Shed 6 | **Rail Ballast**  Room 2, Shed 6 | **Land Stability** Room 3, Shed 6 | **Seismic Ground Movement and Performance Of Buried Structures** Room 4, Shed 6 |
|  | **1500-1515**  *Management of mainline railway safety during the change in landform as a consequence of longwall mining beneath the Main Southern Railway*  **Tim Hull** | **1500-1515**  *Deformation behaviour of coal-fouled ballast reinforced with geogrid*  **Ngoc Trung Ngo** | **1500-1515**  *New Zealand simplified seismic slope stability analysis and risk-based slope design for earthquake resistance*  **Riley Gerbrandt** | **1500-1515**  *Earthquake damage assessment of water supply tunnels*  **Alexei Murashev** |  |
|  | **1520-1535**  *Refurbishment of the Ross Creek Dam*  **Ian Walsh** | **1520-1535**  *Recent advances in railroad infrastructure and track performance - Australian experience*  **Buddhima Indraratna** | **1520-1535**  *Hybrid finite-discrete element modelling of asperity shearing and gouge arching in rock joint fracturing*  **Hong Liu** | **1520-1535**  *Performance of sewer pipes with liner during earthquakes*  **Rolando Orense** |  |
|  | **1540-1555**  *Geotechnical considerations in safe operation of crawler cranes*  **Bo Zhang** | **1540-1555**  *Implications of ballast degradation under cyclic loading*  **Sanjay Nimbalkar** | **1540-1555**  *A slope hazard assessment study in the Waioeka Gorge*  **Benjamin O'Loughlin** | **1540-1555**  *Ongoing development of a near-surface shear wave velocity (Vs) model for Christchurch using a region-specific CPT-Vs correlation*  **Christopher McGann** |  |
|  | **1600-1615**  *A risk based assessment of the punch-through potential of jack-up barges*  **Mark Skinner** | **1600-1615**  *Discrete element modelling of geocell-reinforced track ballast under static and cyclic loading*  **Yang Liu** | **1600-1615**  *The use of risk based design criteria for slope remediation*  **Greg Hackney** | **1600-1615**  *Site-specific hazard analysis for geotechnical design in New Zealand*  **Brendon Bradley** |  |
| 1620-1720 | **Keynote Presentation** **DECONSTRUCTING ENGINEERING GEOLOGICAL MODELS** [**Dr Fred Baynes**](http://www.anz2015.com/programme/speakers/6/), Independent Consultant Engineering Geologist, Australia | | | |  |
| 1720-1730 | Day 1 Closing Remarks | | | |  |
| 1730-1830 | Happy Hour and Poster Presentations, Exhibition Hall | | | |  |

Please note this programme is subject to change at the discretion of the Conference Organising Committee.

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