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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 PresentationAVOIDING 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 |  |

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