



AUSTRALIAN GEOMECHANICS

SOCIETY

VICTORIA CHAPTER

Evening Technical Meeting:

Cost-effective Advanced Laboratory Testing - Fact or Fiction?

Presented by:
Nick Ramsey
Sinclair Knight Merz

This presentation will complement the recent E.H. Davis Lecture by Professor John Carter on constitutive models and will provide details of advanced laboratory tests and examples of how test results can be used to improve predictions of foundation behaviour using advanced computer models. Examples will be presented of Bender Element and Small-strain measurements, Resonant Column testing, Cyclic Simple Shear and Cyclic Triaxial testing. The importance of appropriate test selection will also be discussed.

After completing his BSc at the University of Manchester in 1981, Nick Ramsey joined Fugro Limited in the UK, where he became involved in a wide range of offshore, coastal and onshore geotechnical projects. Nick's involvement with these projects ranged from site investigation and laboratory testing, through to soil parameter selection, foundation design and installation monitoring. After obtaining his MSc from Imperial College London in 1989, he returned to Fugro Limited and continued to develop Fugro Limited's laboratory capabilities to an advanced level. He used these facilities to specialise in site characterisation for major projects throughout the world, integrating advanced laboratory testing with in-situ testing and model testing. Since joining SKM in 2005, Nick has worked on a variety of major projects in Victoria and interstate, including advanced geotechnical modeling for dredged material containment bunds to be constructed on ultra-soft soils. In January 2006, Nick took on the role of SKM Geotechnical Manager, followed in November 2006 by the role of Geoenvironmental Section Manager for South-East Australia.

Wednesday, 14 February 2007

Time: Commencing at 6:00 pm (with refreshments at 5.30pm) and finishing at 7:20 pm
Where: Engineers Australia Vic Division Building, 21 Bedford St, North Melbourne
Cost: Free, refreshments provided

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<http://www.australiangeomechanics.org/>

Attendance at this seminar contributes towards the EA's requirements for Continuing Professional Development

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