



AUSTRALIAN GEOMECHANICS
SOCIETY
VICTORIA CHAPTER

Evening Technical Meeting:

**Soil Improvement of Soft Soils (Coode Island Silt) by
LCM Dry Soil Mixing**

The LCM Dry Soil Mixing system was developed and has been extensively used in Sweden and Scandinavia to improve soft cohesive soils by increasing the insitu shear strength and bearing capacity. Most recently the technique has been taken up throughout the world and was introduced to Australia in 2006.

The system was been used successfully in projects on reclaimed land in Brisbane, for a new rail line built over wetlands in Newcastle and the improvement of Coode Island Silt prior to road construction in Melbourne. The talk will provide an overview of the Lime-Cement dry soil mixing system and its applications illustrated by case studies.

The talk should be of interest to Engineers, Project Managers and Developers bearing in mind the challenges associated with the soft soils prevalent in the Melbourne Docklands and elsewhere.

Speaker: Mr Ernst Friedlaender - Managing Director – Keller Ground Engineering Pty Ltd.

Ernst has some 25 years experience in Soil Improvement and primarily in Dynamic Compaction, initially in Southern Africa and in the last 7 years in Australia during which period he was instrumental in introducing and promoting new technologies to the country, including Jet Grouting, Dynamic Compaction and most recently the LCM dry soil mixing system.

Thursday 3 May, 2007

Time: Commencing at 6:00 pm (with refreshments at 5.30pm) and finishing at 7:30 pm

Where: IEAust Vic Division Building, 21 Bedford Street, North Melbourne

Cost: Free, refreshments provided, no RSVP required

PLEASE VISIT OUR WEBSITE:

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

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

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