



Australian Geomechanics Society

Sydney Chapter

GEOTECHNICAL ENGINEERING TALK

“Remote sensing and GIS based materials information management”

Speaker: Henk Buys

Auditorium, Ground Floor, 8 Thomas Street, Chatswood

Wednesday, 12th November 2008

Light refreshments at 5.30 PM prior to 6.00 PM meeting

SYNOPSIS

The state's road pavements are required to perform under increasingly severe conditions with both increasing mass limits and increasing traffic volumes. Hence there is a critical need to locate new economic aggregate sources for future work on highways in the western part of the state such as the Newell and Sturt Highways.

This presentation provides a strategy for the development of materials sources, an overview of the use and integration of various remote sensing methods for identifying potential materials sources, and GIS based data management systems for the management of these sources.

ABOUT THE SPEAKER

Henk Buys is currently the RTA's Senior Geotechnical Engineer, and leads the Geotechnical Engineering section within the organisation. Prior to this he was a Senior Associate and the Leader of Arup Geotechnics in Sydney, before which he worked as a geotechnical engineer in South Africa.

Henk has a broad range of geotechnical engineering experience with a particular emphasis on infrastructure projects in Australia, South East Asia and South Africa. His work on these projects has included geotechnical investigation and design of retaining structures, slopes, underground structures and foundations.

For further info. contact
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Attendance may be credited (1 point) towards Continuing Professional Development requirements. Members are responsible for recording CPD for audit purposes.



LOCATION PLAN FOR 8 THOMAS STREET, CHATSWOOD

