

GEOTECHNICAL SEMINAR

Jointly organized by
Centre for Soft Ground Engineering
Department of Civil Engineering, National University of Singapore
&
Geotechnical Society of Singapore

Site Investigation in the 21st Century

by

Professor Chris Clayton
Southampton University, UK

Date: Thursday, 14 February 2008
Time: 4:00 - 6:00pm
Venue: EA-06-03
Faculty of Engineering
National University of Singapore

Abstract

Professor Chris Clayton will describe some of the inherent difficulties in the deterministic ground investigation philosophy developed during the 20th century, and identify the generic causes of inadequate site investigations. Based upon recent experience, expected global urbanization, the work of the Site Investigation Steering Group, and trends in industry, Chris will identify future challenges, and present a strategy for more successful site investigation in the 21st century.

About the Speaker

Professor Chris Clayton is Professor of Infrastructure Engineering at Southampton University. Chris has published about 200 journal and conference papers, books, and CIRIA reports. He has published textbooks on 'Site Investigation' and on 'Earth pressure and earth-retaining structures', and has authored five C.I.R.I.A. reports (on the SPT, procurement of ground investigation and the engineering properties of the Chalk). He was a member of Health and Safety Executive Board that controlled the investigation of the Heathrow tunnel collapse in 1994, and reviewed restart proposals for London's Jubilee Line Extension tunnelling, and authored the influential ICE/DETR Report on 'Managing Geotechnical Risk'. He is currently chairman of ICE-led Site Investigation Steering Group, which is revising the "Site Investigation in Construction" publications.

Contact Person 1: A/Prof Phoon Kok Kwang
Tel: 65166783, Email: cvepkk@nus.edu.sg
General Enquiry: Ms Juliana Miswan
Tel: 6516 2151, Email: cvejulia@nus.edu.sg

***** Admission is free*****

Visitors may park their cars at the cashcard operated [Car Park 2A](#) opposite Blk E3A. Alternatively, free parking is available at the [Car Park at Kent Vale](#). Free shuttle bus services are provided to transfer commuters from this location to their campus destinations. The location of the seminar venue is indicated on the [Engineering campus map](#).