



Engineering Group of the Geological Society



Afternoon Seminar

Date/time: 2.00pm Tuesday 15 September 2009

Venue: The Geological Society Burlington House, London

SITE INVESTIGATION:

WHERE ARE WE NOW AND WHAT IS THE FUTURE?

Most practitioners and others involved in site investigation will be aware that there are significant changes to the regulatory landscape in the UK now in place and impending. This includes primarily the introduction of Eurocode 7 sections superseding BS5930:1999 and impacting on a wider range of other codes covering testing and design. Similarly, the benchmark documents produced by the first Site Investigation Steering Group are being substantially revised and will shortly be replaced. This seminar offers the opportunity to understand the key effects on site investigation practice from the changes to both the SISG documents and the latest on the Eurocode. It will also review important practical aspects of changes to ground investigation activities to keep pace.

Commencing with an overview of the Eurocode, with updates on existing and impending releases of the various elements of the code, the seminar will then look at the current work of the SISG and the pending changes to the industry standard ground investigation specification (currently part 3, the yellow book) in particular. Implementation of the changes will not happen without adequate knowledge and competency of all staff and the seminar will therefore go on to review approaches to training and accreditation of all levels of site investigation staff.

A quickfire set of presentations on the state of play in various aspects of ground investigation will then be given, relevant to improvements in quality, reliability and applicability of fieldwork data consistent with the aims of the changes described in the preceding presentations. This will include updates on advances in drilling techniques, drilling measurement, sampling, and insitu testing.

The speakers for this event are prominent individuals in the UK site investigation field drawn from across the industry offering regulatory, operatorial and management perspectives. The event is highly relevant to all professionals practising in the UK in the design, specification and delivery of geotechnical and environmental site investigation.

Wine and refreshments will be provided following the event to allow attendees to stay and talk further to the speakers and other delegates. The refreshments are generously sponsored by **Soil Mechanics, CAN and Norwest Holst**.

Programme:

Start time	Activity
1.30	Registration / Tea and coffee
2.00	Welcome Ivan Hodgson (Scott Wilson and Chair of the Engineering Group)
2.05	Introductions and overview of the seminar Patrick Cox (Principal, Capita Symonds, Convenor)



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2.15	BS EN 1997 – Where are we with Eurocode 7? David Norbury (Director, David Norbury Limited)
2.40	The Site Investigation Steering Group – key changes to the impending revised specification Prof Chris Clayton (Southampton University and chair of SISG)
3.05	Approaches to accreditation and training Peter Reading (Director, Equipe Training)
3.30	Discussion Chaired by Patrick Cox
3.45	Break / Tea and coffee
4.05	Introduction to the quick-fire session Patrick Cox
4.10	Have Eurocodes killed the U100 sample? Matthew Baldwin (Technical Director, Norwest Holst Soil Engineering)
4.25	Advances in drilling equipment and safety measures on modern rigs Martin Fitch-Roy (Managing Director, Dando Drilling)
4.40	Experience in the operation of the latest sonic and rotary rigs in UK ground conditions Wesley Wray (Business Development Manager, Boart Longyear)
4.55	Measurement while drilling (MWD) – monitoring of drilling parameters Paul Emerson (Director, Emerson Moore Geosciences)
5.10	Advances in ground investigations in restrictive access using rope access techniques Richard Nicholson (Director, CAN Geotechnical Ltd)
5.25	The state of play in Cone Penetration Testing and other in situ testing Brian Georgious (Technical Manager, Lankelma)
5.40	Discussion Chaired by Patrick Cox
6.00 to 7.00	Close followed by sponsored wine and refreshments

Convenor:

Patrick Cox

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REGISTRATION INFORMATION

Registration in advance is required for this event. Please simply contact the convenor with your request.