

UNIVERSITY OF
BIRMINGHAM

Midland Geotechnical Society Meeting Notice

www.midlandgeotechnicalsociety.org.uk

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Contact Us

Honorary Secretary:
Scott O'Neill-Gwilliams
scott.oneill@aecom.com

Tel: 0121 2148194

Meeting Venue

Lectures start 7pm

Lecture Theatre G31, Dept of
Mechanical and Civil
Engineering, University of
Birmingham B15 2TT

Refreshments are available
prior to the meeting in the
Shell lounge, Department of
Mechanical and Civil
Engineering, from 6:15
onwards.

This lecture has been supported by sponsorship from:

APPLIED GEOLOGY

Monday 4th November 2019

Peter Gilbert (Jacobs) & Alan Phear (Arup)

BS EN 16907 – Europe's first earthworks standard: Enabling a common approach for the future

The first ever European Earthworks Standard, BS EN 16907, was published at the end of 2018. This was the culmination of over ten years of detailed collaborative working by earthworks specialists from many European countries including the UK.

Earthworks are a feature of nearly every geotechnical project and so the subject of this meeting will be of interest and relevance to all MGS members.

As well as introducing the main aspects of the new standard, the speakers will discuss how BS 6031, the BS Code of Practice for Earthworks, will be updated to align it with the new European standard.

In addition:

- Peter will use a trial embankment from a topical project to illustrate how the earthworks design principles developed in EN 16907 can be used in practice; and
- Alan will introduce the CEN Technical Specification for Continuous Compaction Control, also prepared by the CEN TC 396 working group, which has the potential to introduce innovations to the process and recording of compaction in the UK and give examples of its use in the UK and elsewhere.

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About the speakers:

Peter Gilbert is the UK Head of Tunnelling and Ground Engineering at Jacobs and is one of the UK's leading technical specialists on earthworks. He successfully led the UK experts on CEN TC 396 and led the UK Mirror Group for the preparation of EN 16907. He also previously led the BSI committee which updated BS 6031 in 2009. He is the co-author of the leading UK book on Earthworks and has also published other articles and papers on ground engineering topics.

Alan Phear is an Associate Director and Geotechnical Advisor with Arup. He is also a leading UK technical specialist on earthworks with long experience of the design and construction of roads, railways and airports in the UK and overseas. He led the preparation of EN 16907 Part 5 (Quality Control) and helped to write CEN/TS 17006:2016 on Continuous Compaction Control. He also previously helped to write BS 8006-2 on the design of soil nailing. He has authored or co-authored two CIRIA books and many papers on ground engineering and other topics.

Upcoming lectures..

Monday 2nd December 2019

Young MGS speakers competition

Details on website.

Monday 6th January 2020

East West Rail P2 - from Ground Investigation to Detailed Design

Anurag Kushwaha and Alex Deltenre, *Atkins*

Monday 3rd February 2020

National Buried Infrastructure Facility

Prof. David Chapman, *University of Birmingham*

Monday 2nd March 2020

CIRIA Abandoned mine workings manual

Scott O'Neill, *Aecom*

Monday 6th April 2020

John Mitchell Award Lecture

Speaker TBC

Monday 4th May 2020

AGM & Environmental Lecture – Challenges of Redeveloping Historic Landfills

Yolande Macklin & Kate Canning, *Arup*