



UNIVERSITY OF
BIRMINGHAM

Midland Geotechnical Society
Meeting notice

www.midlandgeotechnicalsociety.org.uk

Monday 9th April 2018

**The John Mitchell Award Lecture
2018**

Re-thinking Site Investigation

Len Threadgold, Geotechnics Ltd



Synopsis:

The ground is the greatest unknown in all construction projects so knowledge of its characteristics is key to efficiency, sustainability and safety of design and construction. The ground and structure interact so the scope and form of site investigation needs to match the structure's specification and objectives. Clients, Engineers and Funders need to recognise this and to re-think site investigation nature, structure, practice, procurement and product to encourage quality from and for experienced professionals. Structures are specified; the ground is inherited, so collaboration between designers and investigators is essential to balance needs, practicalities and programme to provide value for the completed project.

The techniques used within the site investigation industry have many experienced practitioners and their knowledge is essential to optimise investigation design in the context of the site geology, access constraints and information required. Site Investigation is site-specific R&D and a process that extends from initial concepts, through phased investigation work and monitoring through construction to project completion and beyond, providing essential data for efficient use by experienced designers. Adoption of the AGS Format for data transfer, assimilation and storage allows better and more rapid use of all the data; awareness of this innovation is vital to progress.

About the Speaker:

Len Threadgold graduated in Civil Engineering from Liverpool University and, following research there, worked on airfield and bridge design and on construction sites. Since 1965 he has been deeply involved with the investigation of the ground onto, into or below which all Civil Engineering work is constructed; this is his passion. In 1979 he set up his own consultancy in Site Investigation and Geotechnical Engineering, expanding it to establish a consultancy in Hong Kong. In 1983 he established Geotechnics Limited and continues to work at their office in Coventry. The Company undertakes Site Investigation and Geotechnical Consultancy and is a leading independent specialist with additional offices in Chester, Exeter and Yorkshire.

Len has been Chairman of the ICE West Midlands, the Midland Geotechnical Society, has served on the Géotechnique Advisory Panel and on the committee of the AGS. He stimulated and chaired the working party that produced the AGS Format for software-independent transfer and storage of data on ground conditions. He has written numerous articles, some papers and has done many presentations to professional groups and Universities.

Talk kindly sponsored by:

GEOTECHNICS
geotechnical and geoenvironmental specialists

Lectures Remaining in 2017/18 season:

Date	Location	Speaker Name & Company	Title	Sponsor
14 th May	University of Birmingham	Ben De Waal, The Fiscal Incentives Group	Environmental lecture: Land remediation tax relief on brownfield/derelict sites	DTS-Raeburn

Thank you to the Sponsors
of the Society for their
continued
Support:

Patron Sponsors

Applied Geology

Arup

DTS Raeburn Ltd

Geotechnics

Huesker Ltd

Arcadis

AECOM

WSP

Concept Consultants

Supporting Sponsors

GIP Ltd

M&J Drilling Services

Penguin Recruitment

Contact Us

Honorary Secretary: Scott
O'Neill

Scott.oneill@aecom.com

Tel: 0121 214 8194

Meeting Venue

Lectures start 7pm

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.