

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:



Monday 2nd March 2020

Scott O'Neill-Gwilliams, AECOM

CIRIA Abandoned Mine Workings Manual

Synopsis:

Scott will be presenting an overview of the recently published CIRIA guidance on the identification, assessment and treatment (or otherwise) of mineworkings.

This comprehensive manual on abandoned mine workings (C758D) is the result of considerable and painstaking research and consultation with industry experts who have jointly authored and reviewed many of its 17 chapters. It replaces the guidance given in CIRIA SP32 Construction over abandoned mine workings published in 1984. In providing its guidance, C758D gives a risk-based nonprescriptive approach to the mitigation and remediation of mining legacy issues.

It is aimed at regulators, planning authorities, developers, asset owners and operators, consultants and contractors. The key issues associated with abandoned mine workings are extensive and, in many cases, very complex in their detail. They may be summarised as events, risks and hazards associated with surface subsidence, collapse of shallow mine workings, mine gas and mine water emissions, and historical methods of abandonment.

In addressing these issues the manual is divided into three parts. Part 1 covers the historical background and context, Part 2 explores the residual impacts of past mining, and Part 3 provides guidance on land management and construction in mining areas. This publication will be an essential point of reference for those involved with mining legacy issues in the existing built environment, and with the design and construction of new build developments and infrastructure.

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About the Speaker:

Scott leads AECOM's Birmingham geotechnical team, working throughout the UK and supporting the wider AECOM offering globally. Following completion of a degree in Geology at The Royal School of Mines Scott joined M&J Drilling as an Engineering Geologist. This led to a period of time based in the Black Country working in contracting and consultancy. This sparked an interest in the mining legacy of the UK.

Scott has since worked across the UK's major coalfields on a variety of projects. This has included being called upon by Local Councils in Emergency situations on a number of occasions.

He also leads AECOM's internal Mining remediation practice group.

Upcoming lectures..

Monday 6th April 2020

John Mitchell Award Lecture

Stuart Marchand, *Wentworth House Partnership* & Kelvin Higgins, *Geotechnical Consulting Group*

Monday 4th May 2020

AGM & Environmental Lecture – Challenges of Redeveloping Historic Landfills

Yolande Macklin & Kate Canning, *Arup*