

## **Summary of SERG Meeting 13<sup>th</sup> February 2018**

### **Risks from Hazardous Ground Gases: Their Investigation, Assessment, Remediation & Verification**

The South East Regional Group's February meeting was kindly hosted by Mott MacDonald at their Croydon office. The title of the evening's talk was 'Risk from hazardous ground gases: their investigation, assessment, remediation and verification' and was very ably given by Hugh Mallett of Buro Happold.

Hugh shared some of his wide experience in this area and set out current industry practise and outlined the framework of guidance available. High emphasised the fundamental role of deriving a valid Conceptual Site Model for any project on which any investigation, monitoring and assessment should be based. The importance, and sometimes difficulty, of obtaining good and meaningful monitoring data and how this and the subsequent assessment should be suitably 'sense checked'. Another important factor in the process, that of verification of the final constructed protection measures was well illustrated with examples of both good and bad practise from case studies. The use of the engineer's judgement and not just reliance on the guidance 'verbatim' throughout the process was presented as being part of the strength of the procedures.

The talk was well attended, and the provision of refreshments by Mott MacDonald was appreciated.

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**The  
Geological  
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South East Regional Group

Meeting

**Date: 13<sup>th</sup> February 2018**

**Location: Mott MacDonald House, please note earlier 17:30 for 18.00 start**

## **Risks from hazardous ground gases: their investigation, assessment, remediation, and verification**

**A talk by Hugh Mallett (Buro Happold Ltd)**

This presentation will consider the current industry practice in investigating and assessing ground gases. The role of good practice guidance will be discussed and examples of project experience used to compare and contrast what is written with what is (all too often) done. The need for and scope of gas protection measures in buildings will be described and the importance of verification emphasised. Current initiatives aimed at improving current practice will be outlined. The presentation will be illustrated by project experience of both good and bad practice.



### **Speaker**

Hugh is a Chartered Geologist and registered Specialist in Land Condition (SiLC) with over 40 years professional experience including 25 years on contaminated land. He spent the first ten years carrying out geological and geotechnical investigations and assessments followed by four years advising on minerals planning at the DoE. He has provided expert witness evidence, written best practice guidance, delivered training and is a guest lecturer at several universities. He also currently chairs the AGS Loss Prevention Group and is a member of the SiLC Professional and Technical Panel (PTP).

### **LOCATION:**

**Mott MacDonald House (Rm 3, F11),  
8-10 Sydenham Road, Croydon, CR0 2EE**

The event is kindly sponsored by



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Please let us know if you plan to attend: [southeastrg@geolsocmail.com](mailto:southeastrg@geolsocmail.com)