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Ground Gas Hazards

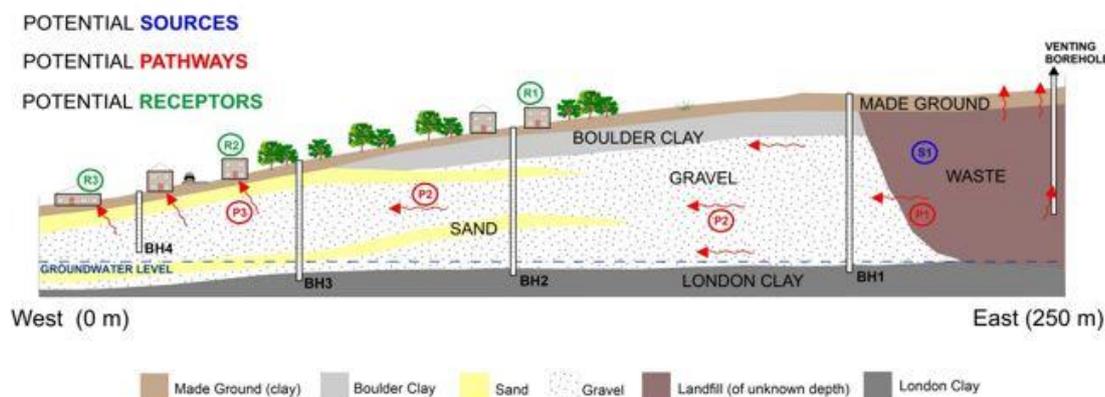
Simon Talbot

(Founder & Managing Director – Ground Gas Solutions Ltd)

14th June 2022 | Zoom Video Conference | 6:30pm start

Abstract:

Our understanding of the ground gas hazard, its behaviour and how to manage the risks has evolved considerably since the first guidance documents came out after the Loscoe explosion of 1986. This presentation will discuss the latest thinking and best practice on monitoring and interpreting ground gas data. With reference to first principles, geological factors and worst-case conditions, a holistic approach to creating meaningful conceptual site models will be discussed. The presentation will finish with a case study that presents the 'lines of evidence' approach to a S-P-R contaminant linkage risk assessment.



About the Speaker:

Simon is a founder and managing director of Ground-Gas Solutions Ltd. With over forty years' experience as a professional geologist, Simon has devoted more than twenty five years to ground-gas contamination issues and innovative environmental monitoring methodologies. Simon has a BSc in Geology from University of Manchester and a MSc in Engineering Geology from University of Leeds. He is a Chartered Engineer through the Institute of Materials, Minerals and Mining and is a Fellow of the Geological Society. Simon has worked for a number of national and international companies in Africa and the UK before being appointed in 1998 as head of the Greater Manchester Geological Unit (GMGU). Here Simon managed a multidisciplinary team providing a minerals and waste planning and contaminated land services to local authorities, developers and their consultants. The Unit also specialised in evaluating and managing the ground-gas contamination hazards associated with former landfills and brownfield land redevelopment. A successful research collaboration with the University of Manchester led Simon to develop the continuous ground-gas monitoring methodology and in 2009 Simon founded Ground-Gas Solutions Ltd (GGS). GGS is now the UK's leading consultancy specialising in continuous ground-gas monitoring and risk assessment and is employed by regulators, land owners,

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developers and consultants. Simon regularly contributes to specialist training events and speaks at national and international conferences on ground-gas contamination issues. He is the author of a number of guidance documents and papers, mostly recently CL:AIRE Technical Bulletin 18: Continuous Ground-Gas Monitoring and the Lines of Evidence Approach to Risk Assessment.

The WMRG is constantly on the lookout for fascinating talks. If you would like to present, know someone who is willing, or would like to request a subject please contact the WMRG committee (details below) and we will try our very best to accommodate your requests.

Contact:

For all enquiries regarding the West Midlands Regional Group and events please contact us using the details below.

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