



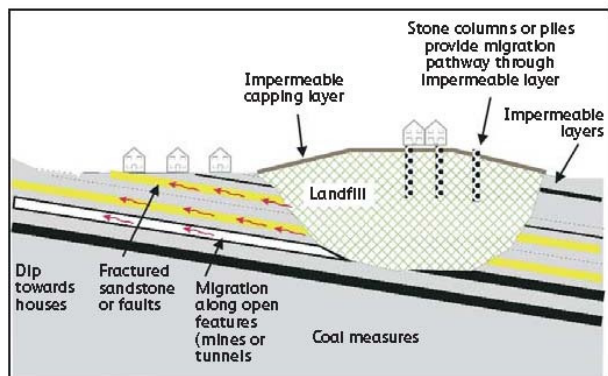
The  
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# North West Regional Group Meeting

Thursday 6th December 2012

## New Developments in Ground Gas Risk Assessment



Steve will present a summary of the current developments surrounding ground gas, its investigation and remediation. A number of case studies will be used to demonstrate how to achieve cost effective investigation of ground gas on Part IIA sites.

A new approach to gas risk assessment on low risk sites has been developed that removes the need for gas wells and monitoring on many sites. It will also reduce the amount of time required to undertake a ground gas investigation and risk assessment. The approach is an extension of the methods used in CIRIA C665 and BS8485 and provides an alternative method of determining the characteristic situation for a site.

A current CIRIA project is working to produce guidance on the verification and testing of gas protection measures. Steve will highlight some of the key findings of the project so far including the results of a laboratory test to assess the effectiveness of tracer gas testing.

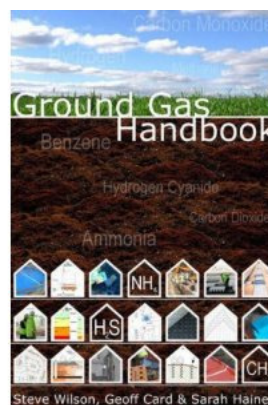
Steve will also discuss a forthcoming British Standard on ground gas investigation and other developments.

*CPD: These events may be considered for contributing to a recognised Continuing Professional Development (CPD) scheme as part of personal development. Delegates should check their individual scheme requirements.*

**Organised by the North West Regional Group of the Geological Society of London.** For further information contact the Group Secretary, Nik Reynolds at: [geologicalsociety.northwest@gmail.com](mailto:geologicalsociety.northwest@gmail.com)

Venue: The Centre, Birchwood Park, Warrington, WA3 6YN

<http://www.thecentreatbirchwoodpark.co.uk/location.aspx>



**Steve Wilson** CEng, MICE, CEnv, CSci, CWEM, MCIWEM, FGS  
Technical Director of EPG

Steve is a Chartered Engineer and Environmentalist with 30 years professional experience of geotechnical and environmental engineering. Steve has contributed to much of the UK guidance on ground gas assessment and remediation. He provides advice and designs for remediation schemes on gas affected sites around the world. He has successfully applied quantitative risk assessment to ground gas for both development and Part IIA sites over 20 years. He is co-author of the Local Authority Guide to Ground Gas and is currently a member of the drafting committee for a British Standard on ground gas investigation. He is also a member of the research team for a CIRIA project on the verification and integrity testing of gas protection systems.

Steve presents training courses on ground gas for the Chartered Institution of Environmental Health, CIRIA and Universities.

Refreshments at 6:00pm with lecture start promptly at 6:30pm.