

Site Investigation 2019

27 June, London

About this event

Site Investigation is returning to London on 27 June, with a panel of expert speakers who will examine the key drivers in site investigation, analyse the associated risks and explore the latest innovative techniques and advances in modelling and data analysis, all of which can help to significantly improve the quality of contaminated land risk assessments.

Key topics to be discussed include:

- Updates on NPPF 2018: A new approach to viability
- Brownfield ground risk calculator: ground risk prioritisation tool for brownfield redevelopment projects
- The significance of the geological model and understanding the ground variability and subsequent hazard that it presents
- Data, information and management site investigation works
- Developing a detailed monitoring campaign based on site investigation works
- Rapid on-site testing
- Site Investigation case studies

This event is CPD certified



Why attend?

Expert panel

Bringing together a mix of regulators, remediation contractors and consultants to review and discuss key policies and offer practical solutions to your site investigation challenges.

Case studies

Learn from hands-on experience in a series of case studies which will provide technical guidance and ensure you come away with best practices that you can apply immediately within your organisation.

Time efficiency and focus

Remove yourself from day to day distractions and benefit from a series of focused presentations, designed to tackle key issues and impart practical advice and guidance.

Q&A panel discussions

In addition to expert-led presentations, there will also be a number of Q&A discussion sessions throughout the day giving you the opportunity to address your specific questions and challenges and share your opinions with others.

Networking

Meet and mingle with like-minded professionals in your sector and find out what your competitors are doing, not doing, contemplating and committing to.

9.00 Registration and refreshments

09:30 Opening remarks from the Chair

09:40 NPPF 2018: A New Approach to Viability

Predicting the costs of clean-up and enabling infrastructure is a good example of where risk and opportunity can be balanced through investment in site investigation linked to viability. The recently simplified viability process addresses downstream delivery risks such as clean-up at the outline planning stage. This requires promoters and developers to commit to development costs early, for example when potentially only a stage-one desktop decontamination study will have been completed. The risk is that by getting an assessment wrong, the balance of the viability calculation may be incorrect – threatening the delivery of homes or the profitability of the development. Some staged investment in site investigation and infrastructure planning will reduce uncertainty, highlighting drainage constraints, for example – potentially enabling more competitive land pricing or assuring full delivery of planning policy outcomes on the basis of a complete understanding of development costs.

10:10 Brownfield Ground Risk Calculator: Ground Risk Prioritisation Tool for Brownfield Redevelopment Projects

- Background behind the need;
- Methodology used in the creation;
- Results; and
- Next steps and future benefits.

Darren Beriro, Geoscientist, BGS

10:40 Refreshments and Networking

Site Geology

11:05 The Significance of the Geological Model and Understanding the Ground Variability and Subsequent Hazard that it Presents

11:30 TBC

11:55 Data, Information and Management Site Investigation Works

- Understanding that effective management of geotechnical data is increasingly critical to the successful delivery of site investigations;
- Turning field data into high-standard data;
- BS 8574: Code of practice for the management of geotechnical data for ground engineering projects.
- AGS Data Format, the need to correctly specify, create, check and use it;
- Complying with Data ownership and legal implications.

AGS Data Management Committee

12:20 Questions and answers

12:30 Lunch and networking

13:10 Welcome back from the Chair

Monitoring, Measuring and Testing

13:20 Developing a Detailed Monitoring Campaign based on Site Investigation Works

- Field design based on preliminary site investigation and customer input, a detailed monitoring campaign can be developed;
- On-site sampler installation;
- Retrieval and lab analysis; and
- Data analysis and reporting.

Erik Bosmans, iFLUX

13:45 Rapid On-Site Testing

14:10 Laboratory Testing

14:35 Questions and answers

14:45 Refreshments and networking

Site Investigation Case Studies

This session will include case studies showcasing innovative technologies utilised within recent projects.

16:25 Questions and answers

16:35 Closing comments and close of the conference