

# CONTAMINATED LAND INVESTIGATIONS AND RISK ASSESSMENT



## Course Outline

The course will provide essential information on the effective investigation of land which may be affected by contamination including the development of robust risk assessments. We will outline the legal framework for this type of work, how to effectively plan, the advantages and limitations of typical ground investigation methods and the development of risk assessments for the anticipated contaminants. This one-day course will look at the requirements of BS ISO 10175 and associated standards, the importance of developing a Conceptual Site Model, the desk study and the design of a phased investigation including sampling and analytical testing strategies.

## Course Contents

- Legislative requirements and compliance
- Standards, guidance and specification
- Objectives and strategy for the investigation
- Preliminary investigation and qualitative risk assessment
- Creating the Conceptual Site Model
- Ground investigation planning, design and techniques
- Lab analysis and assessment criteria
- Quantitative risk assessment
- Reporting

## Summary

At the end of the course the delegates should be able to:

- Understand the UK contaminated land legislative framework and know the main standards
- Know how to plan and undertake a desk study and be able to create Conceptual Site Models
- Be familiar with the available ground investigation techniques and practices
- Be familiar with the common laboratory analyses
- Be able to undertake both qualitative and quantitative risk assessments



## Who should attend?

This course has been developed for graduates, geologists, engineers, environmental specialists and those designing and involved in ground investigations where land contamination may be present. It is also suitable for geotechnical specialists involved in combined geotechnical and geoenvironmental investigations.

For more information, contact Equipe Training:

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