

Waste Management 2019

21 May, London

Implementing Effective Strategies for Brownfield and Contaminated Land

About this event

We are excited to announce a brand new, one-day conference, Waste Management 2019, which will take place on 21 May at the Holiday Inn London.

This new event will equip you with the knowledge and tools to ensure that your waste practices adhere to new legislation, and ensure you have a comprehensive overview of the changes being made and any potential implications.

Key topics to be discussed include:

- Waste regulation and the construction industry: the regulators update
- AGS guidance on waste classification for soils: review and update
- Dealing with asbestos in soil, made ground and construction waste
- Reclaiming landfills for development
- Case study: waterside drive
- Coastal landfills: dealing with leaching of contaminated material
- Satellite based ground motion surveys for environmental safety and security

This event is CPD certified



Why attend?

Expert panel

This event brings together a mix of developers, regulators, contractors and consultants to review and discuss key policies and offer practical solutions to your waste management issues.

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 senior professionals in your sector and find out what your competitors are doing, not doing, contemplating and committing to.

9.00 Registration and refreshments

9.30 Opening remarks from the Chair

Jane Dottridge, *Technical Director, Mott MacDonald*

9.45 Waste Regulation and the Construction Industry: The Regulators' Update

Jonathan Atkinson, *Technical Specialist Groundwater & Contaminated Land, Environment Agency,*

10.15 Waste and Legality: What it Means to your Site

Exploring some of the main areas of potential liability (civil and criminal) associated with waste on development sites and possible consequences of unlawful deposits, including waste removal notices and confiscation orders under the Proceeds of Crime Act.

Emma Tattersdill, *Partner, Freeths*

10.45 Morning refreshments and networking

11.05 AGS Guidance on Waste Classification for Soils Review and Update

The presentation is on a guidance note produced by AGS specific to the classification of waste soil. This guidance is specific to waste soil and builds on WM3

- It provides guidance on the amount of sampling required; Segregation of the site in to zones of differing properties / waste class;
- Assistance in assigning the likely metallic species in the soil, so that appropriate hazardous properties can be adopted; and
- Discusses the use of statistics to interpret data sets

Barry Mitcheson, *Principal Consultant, Wood Environment and Infrastructure Solutions UK Limited*

11:35 Dealing with Asbestos in Soil, Made Ground and Construction Waste

Steve Forster, *Director, Remedia Group, & Chair, Joint Industry Working Group on Asbestos in Soil and C&D Materials*

12.05 Waste Management Options and Commercial Considerations

- The anatomy of a 'muck-away' price;
- The Waste Hierarchy and Off-site removal options;
- Taxes and other charges;
- Waste classification and Waste Management Costs; and
- Risks & Opportunities

Joe Jackson, *Managing Director, Keltbray Remediation*

12:35 Networking lunch

13:20 Welcome back

Jane Dottridge, *Technical Director, Mott MacDonald*

Landfill developments

13:30 Reclaiming Landfills for Development

- Practicality of landfill redevelopment;
- How the regulatory regime has developed to accommodate this
- How industry can be proactive in ensuring such developments are successful and 'safe' in the future.

Peter Witherington, Director of Geosciences and Engineering Division, and Deputy Chief Executive Officer, RSK

14.00 Major Excavation Works on Landfill Site

Mark Field, Project Director, VertaseFLI

CASE STUDY

14:30 Case study: waterside drive

The site is a historic landfill and so required extensive investigation and characterisation to determine potential risks to both site users, surrounding properties and the adjacent river from contaminants within the landfill and changes that may arise from the redevelopment. Following the characterisation a detailed remediation methodology was developed in conjunction with the local authority and Environment Agency which was then closely monitored whilst being carried out, including regular groundwater monitoring to confirm that risks to potential receptors were being appropriately managed.

Tim Thorpe, Leap Environmental

15.00 Afternoon Refreshments and Networking

15:25 Coastal Landfills, Dealing with Leaching of Contaminated Material

Historically, it was common practice to dispose of landfill waste in low-lying estuarine and coastal areas where land had limited value due to flood risk. Such 'historic landfills' are frequently unlined with no leachate management and inadequate records of the waste they contain.

Some historic coastal landfills have already started to erode and release waste, and with the anticipated effects of climate change, erosion events are likely to become more frequent. Strategies to mitigate the risk of contaminant release from historic landfills such as excavation and relocation or incineration of waste would be prohibitively expensive for many countries.

Therefore, it will be necessary to identify which sites pose the greatest pollution risk in order that resources can be prioritized, and to develop alternative management strategies based on site specific risk.

Kate Spencer, Professor of Environmental Geochemistry, Queen Mary's University

15:55 Satellite Based Ground Motion Surveys for Environmental Safety and Security

Ground motion surveys have a variety of environmental applications, including the monitoring of landfill sites. Over landfill sites subsidence results as a consequence of shifting solid waste and the decomposition of garbage and can be an indication of leachate, which may cause pollution. Land stability is also an important prerequisite for the reclamation of landfill sites.

GVL's wide-area land motion maps provide the ideal source for site-specific reports on ongoing and historical ground stability and subsidence risks. These can be used to support a wide range of environmental assessments and planning applications.

Paul Bhatia, CEO and Co-Founder, Geomatic Ventures Limited (GVL)

16:25 Bespoke solutions for Piling through Landfill Underlain by Principal Aquifer within an SPZ

Rick Willemse, Technical and Estimating Manager, Cognition Land and Water

16:55 Closing remarks from the Chair

Jane Dottridge, *Technical Director*, Mott MacDonald