



The Contaminated Land Group present
**Janet Watson Meeting 2017: The Future of Contaminated
 Land Risk Assessment; stakeholder perspectives**



The
 Geological
 Society

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Monday 6th November 2017

09:00	Registration and coffee	
09:30	Welcome	Katherine Ashdown (Jacobs)
09:40	KEYNOTE: Risk Assessment - what you don't know!	Claire Dickinson (Independent)
Session 1: Innovative risk assessment		
10:00	KEYNOTE: Why the conceptual site model is (should be) at the heart of contaminated land risk assessment.	Judith Nathanail (Land Quality Management Ltd)
10:30	KEYNOTE: Ground Gas: Moving forward site investigation, monitoring & risk assessment techniques	Sarah Mortimer (The Environmental Protection Group Ltd)
11:00	Questions	
11:10	Coffee	
11:30	Detailed and innovative site investigation of a complex radiologically contaminated site - Harwell Liquid Effluent Treatment Plant (LETP)	Melanie Wright (Jacobs)
11:50	Use of compound specific stable isotope chemistry in groundwater risk assessments	Matt Riding (WSP)
12:10	Questions	
12:20	Panel Discussion: Uncertainty in risk assessment	Chaired by Claire Dickinson (Independent)
13:00	Lunch and posters	Michael Tso (Lancaster University) and Laura Garland (Arcadis)
14:00	Workshop A: SoBRA Vapour Risk Assessment	Alex Lee (SoBRA)
	Workshop B: Laboratory analysis watch-points and techniques	Geraint Thomas (ALS)
	Workshop C: Ground Engineering and The Productivity High Road. Is technology leading us there or driving us away?	Richard Brinkworth (Leap Environmental Ltd)
	Workshop D: Chartership Q & A	Chaired by Bill Gaskarth (Geological Society) with Chris Swainston (Geotechnics)
Session 2: Understanding, managing and communicating risk		
15:00	KEYNOTE: Communicating the Unseen and Unfamiliar: using our differing ideas about the subsurface to improve effective communications.	Hazel Gibson (University of Plymouth)
15:30	KEYNOTE: Managing a Portfolio of Brownfield Sites: Hundreds of sites, thousands of stakeholders.	Matthew Pearce (National Grid Plc)
16:00	Questions	
16:10	Coffee	
16:30	The use of GIS to improve geoenvironmental reporting efficiency	Harriet Wood (Jacobs)
16:50	Understanding uncertainty and the limits of knowledge that govern the outcome of risk assessments - case studies exploring the role of traditional analogue modeling techniques	Mike Plimmer (Geotechnical & Environmental Associates Ltd)
17:10	Characterising the Haystack of Geogenic Organics arising from Hydraulic Fracturing	David Blyth (Imperial College London)
17:30	Questions and closing remarks	Sarah Hey (Hydrock)
17:45	Keltbray Remediation Drinks Reception	



Tuesday 7th November 2017

09:00	Registration and coffee	
09:30	Welcome	<i>Amy Juden (Arup)</i>
09:40	KEYNOTE: Benefits of Professional Qualifications and Accreditation: A view from industry	<i>Simon Cole (Aecom)</i>
Session 3: Emerging remediation technologies		
10:00	KEYNOTE: From Laboratory to Site: the development and deployment of an innovative Liquid Activated Carbon technology to target contaminant plumes	<i>Gareth Leonard (Regenesis)</i>
10:30	KEYNOTE: Contaminated Land Bioremediation: Harnessing the power of subsurface microbial processes	<i>Prof. Jon Lloyd (University of Manchester)</i>
11:00	Questions	
11:10	Coffee	
11:30	KEYNOTE: PerfluorAd Case Study: An efficient and cost effective treatment process for PFAS contaminated waters	<i>Quentin Hulm (Cornelson)</i>
12:00	KEYNOTE: Old Age Problems: Emerging technology needs to address risks from increasingly aged solvent-contaminated sites	<i>Michael Rivett (GroundH2O plus Ltd / University of Strathclyde) and Jim Wragg (Geosyntec)</i>
12:30	Questions	
12:40	Lunch and posters	<i>Sam Setchell (EP Strategies) and Richard-Thomas Gill (Shell)</i>
13:40	Workshop E: SoBRA Accreditation Scheme	<i>Alex Lee (SoBRA)</i>
	Workshop F: Sampling Groundwater at Contaminated Sites - Are we doing it right?	<i>Peter Dumble (Independent)</i>
	Workshop G: The ConSim Model - Past, present and future	<i>Bridget Plimmer (Golder) and Craig Hampton (Environment Agency)</i>
	Workshop H: Environmental Forensics	<i>Ken Scally (Chemtest Ltd)</i>
Session 4: New guidance, standards and the evolving role of the regulator		
14:40	KEYNOTE: Local Authorities: Why guidance should be at the heart of everything we do but isn't	<i>Rob Ivens (Mole Valley DC) and Rachel Thomas (Pembrokeshire CC)</i>
15:10	KEYNOTE: Environment Agency: Promoting best practice, developing guidance and improving standards for land contamination, a regulators perspective	<i>Angela Haslam (Environment Agency)</i>
15:40	KEYNOTE: British and International Standards and Codes of Practice: Origins and application to contaminated land investigation and assessment	<i>Mike Smith (Independent)</i>
16:10	Questions	
16:20	Coffee	
16:40	Managing the risk of mining legacy for 21st century development	<i>Helen Bennett (The Coal Authority)</i>
17:00	The journey to tackle asbestos from soil: the killer which could still surround us	<i>Joanne Kwan (CIRIA)</i>
17:20	Questions and closing remarks	<i>Clay Durrant (Environment Agency)</i>
17:30	End of conference	