



# Risk Assessment 2009

22 and 23 April, London

Responding to the crunch:  
finding the work,  
risking away the risk,  
better working with stakeholders,  
improving the process,  
saving money.

Improve the process and save money... can risk assessment be more efficient and more meaningful?

With house building at its lowest level since records began in 1976, there is even more reason to risk away the risk and save money for your business and your clients. This year's event focuses on how to improve processes, gain an understanding of best practice and how to get better results for a more feasible price. The conference will tackle key topic areas such as:

- Spatial statistics the American way for better or for worse?
- Ecological risk assessment
- Gas and vapour risk assessment: see brand new case studies
- Learn how to negotiate the minefield that is funding applications
- Part 2A style assessment of the speaker's own home to examine the conservatism in the CLEA model: find out what happened when the new software was put to the test

Do you have limited time or resources? BB is giving you the opportunity to choose which sessions are right for you and your business. Attend a morning or afternoon session, a full day or get the full picture and attend both days.

No time at all on your hands? Need to keep up to date on Local Authority issues? Attend our breakfast seminar where we will be discussing how Local Authorities, clients and contractors can work better together to save money.

## Module 1

### 10:00 Welcome from the chair

Simon Firth, Firth Consultants

### 10:10 Making the most from your funding application to Defra

- Common pitfalls in applications
- How to make your application cohesive
- How to ensure a more rapid and streamlined evaluation of submissions

Michael Hughes, Environment Agency

### 10:35 Polluter pays principle: what happened?

- 90% of 2A is being processed with tax payer's money. Why?
- What needs to change in order for the land to be processed as the law intended?
- Implications for LAs and developers
- Will there now be an over-burden on the Local Authorities following the recent downturn?

Alison McKay, McKay Environmental

### 11:00 Human health and unacceptable intake

- How do the new SGVs help?
- Recurring issues – what are they and why won't they go away?
- Practical advice on how to make progress

Mary Harris, Independent Consultant

### 11:25 Q&A

### 11:35 Coffee and tea break

### 12:05 New Sniffer guidance on risk communication

- Overview of the new guidance
- Practical advice and techniques that could be used on a site-specific basis to manage perceptions of risks and improve confidence in contaminated/brownfield land regeneration
- Addressing both the technical (e.g. varying levels of scientific training) and non-technical (e.g. perception and fright factors) barriers to science-based risk communication across a range of stakeholder groups
- Explore the importance of effective communication in managing risk

Del Cross, Arup

### 12:35 Risk communication case study

- Involvement of a multi disciplinary group of health professionals in risk communication decision making
- Outcomes and lessons learned

Phil Hartley, Newcastle City Council

### 13:00 Society of Brownfield Risk Assessment

- Overview of SoBra and its objectives
- How SoBra could help industry move forward
- Results of the recent online survey
- Looking to the future for brownfield risk assessment

Mike Quint, Arup

### 13:25 Q&A

## Module 2

### 14:20 Ecological risk assessment

- Why understanding the wildlife on and around a site is important for avoiding potential liabilities in the context of the many existing and forthcoming regulatory regimes affecting brownfield sites
- A case study using the new regulatory guidance on ecological RA will be used to illustrate how potential impacts on ecosystems from land contamination can be assessed and managed

Samantha Deacon, Environ UK

### 14:45 Groundwater risk assessment

- Challenges to groundwater risk assessment
- Groundwater & surface water interface
- Hotspots and niche activity
- How to also handle ecological risk

Mike Rivett, Lecturer in Earth Sciences University of Birmingham

### 15:10 Data management

- Paper... pdf... hmm, that's useful
- Excel... better... but what happens when the data does not work?
- Database... hmm, great but how do I get the data in?

Rob Ivens, Mole Valley District Council

### 15:35 Q&A

### 15:45 Coffee and tea break

### 16:10 Your head on a block – Part 2A decisions and the grey areas

- Areas within the new SR3 CLEA guidance where there is scope for further Detailed Quantitative Risk Assessment
- Areas where this is unlikely to be a fruitful exercise in order to focus resources appropriately
- Some of the implications of the SR2 TOX guidance

Naomi Earl, Atkins Limited

### 16:35 When is background exposure not acceptable with CLEA V1.04?

- 50% rule on background exposure explained
- Alternative integration methods to derive SGV/GAC
- Is CLEA V1.04 consistent with the 50% rule?

Dr Mengfang Chen, Royal Haskoning

### 17:00 Plugging the SGV vacuum: the new LQM CIEH GAC

- How have the GAC been derived?
- When and how should the GAC be used – what do they mean?
- Limitations and misuse of the GAC

Caroline McCaffrey, LQM

### 17:25 Q&A and networking drinks

## Module 3

### 10:00 Welcome from the chair

Mike Quint, Arup

### 10:10 Keynote speaker

- Site restoration and sustainability – a road to the future or a view of the past?
  - Remediation and restoration of the commons
  - Systems based decision making – working with nature, not against it
  - Multi-criteria risk management
- Rebecca Wallace, Newfields

### 10:40 Dancing with your data

- Data analysis must precede statistical inference
- What can your data tell you – if you ask?
- What can different methods of analysis tell you?

Professor Paul Nathanail, LQM and the University of Nottingham

### 11:05 Panel discussion: spatial statistics

- CIEH/CL:AIRE guidance document
  - The role of spatial correlation in data analysis
  - Declustering your data
  - Target when you can, scatter if you must
- Rob Ivens, Mole Valley District Council  
Mary Harris, Independent Consultant  
Professor Paul Nathanail, LQM and the University of Nottingham  
Rebecca Wallace, Newfields

### 11:45 Q&A

### 11:55 Coffee and tea break

### 12:20 Session TBC

### 12:40 Crunch-enomics

- Leaving a brownfield site vacant because of the credit crunch can significantly increase both potential liabilities and remedial costs
  - What happens?
  - Ecological interests and constraints
  - Financial implications and remedial costs
- Jonathan Atkinson, EA  
Henry Lang, Waterman Environmental

### 13:20 Q&A

### 8:30 – 9:15 Breakfast seminar

Running alongside the conference on 23 April, we will be running a breakfast seminar covering vital risk assessment issues for Local Authorities, clients and contractors, followed by a networking breakfast

Richard Brinkworth, Leap Environmental  
Rob Ivens, Mole Valley District Council

#### What's your contractor not telling you?

- Do you feel that your contractor never gives you a confirmed specification and that negotiations are always ongoing?
- What are the barriers to contractors and how can these be overcome by better working practices?
- Do they tell you that the tender fixes rates but not scope and scale, that the less risk you take, the more it will cost you, and that once they have the job, you're on for the ride?

## Module 4

### 14:15 Gas and vapours risk assessment

- Overview of soil gas risk assessment approaches in the UK
- Are we consistent? Latest developments regarding the consistency of currently accepted approaches
- Overview of latest UK guidance for assessing human health risks from inhalation of soil gas VOCs
- Phased approach to soil gas VOCs risk assessment within current UK framework
- Latest developments and comparisons with approaches in other countries

John Andrews, RSK

### 14:40 Case Study – VOC vapour intrusion investigation and assessment

- Site investigations at manufacturing site
- Results of a DQRA and risk to workers within the building
- Vapour intrusion pathways

Dr Keith Spence, Arcadis

### 15:05 Indoor air quality monitoring for chlorinated solvents case study

- Part 2A investigation of a residential housing estate
- Monitoring chlorinated solvent concentrations within indoor air
- Comparison of Johnson & Ettinger vapour intrusion model against measured data

Natasha Dixon, WorleyParsons

### 15:30 Q&A

### 15:45 Coffee and tea break

### 16:05 Case study: how safe is your garden?

- Summary of sampling protocols on site
- Brief review of analytical methodologies
- Discussion of data interpretation with respect to uncertainty
- Does the CLEA model work?

Hazel Davidson, ALcontrol

### 16:25 Living at home – too risky?

Simon Firth conducts a Part 2A style assessment of his own home to examine the conservatism in the CLEA model

Simon Firth, Firth Consultants

### 17:05 Q&A

## Why should you attend?

- Be one of the first to hear about the new guidance on risk communication
- Consider unacceptable intake and the impacts of legislation and guidance
- Discover the latest techniques on ecological risk assessment
- Learn from recent case studies on VOCs and gases
- Find out what your contractor or client is not telling you that could help you move at a faster pace
- Expand your toolkit with new ideas, techniques and cutting edge presentations
- Meet potential clients and network
- Ask the questions that matter to you and get answers

## Who should attend

- Consultants
- Contractors
- Regulators and Local Authorities
- Lawyers
- Landowners and developers
- Problem holders

## Location and Travel

Full and detailed joining instructions will be sent to all delegates.

## CPD

Conferences are accredited for CPD by the Solicitors Regulation Authority and are designed to meet the CPD requirements of RICS, RTPI, SiLC and other bodies.

# Yes, I want to attend Risk Assessment 2009

Early bird: save an additional 15% off listed prices until 6 March

Please tick the modules you wish to attend from the main conference:

- Module 1 (morning of 22 April)       Module 3 (morning of 23 April)  
 Module 2 (afternoon of 22 April)       Module 4 (afternoon of 23 April)

	1 Module	Any 2 Modules	Any 3 Modules	All 4 modules
Subscribers to: <i>Brownfield Briefing, Property Forecast, or Sustainable Building</i>	<input type="checkbox"/> £210+VAT (£241.50)	<input type="checkbox"/> £375+VAT (£431.25)	<input type="checkbox"/> £525+VAT (£603.75)	<input type="checkbox"/> £650+VAT (£747.50)
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LA, public sector, university, not-for-profit and charity	<input type="checkbox"/> £120+VAT (£138)	<input type="checkbox"/> £215+VAT (£247.25)	<input type="checkbox"/> £305+VAT (£350.75)	<input type="checkbox"/> £385+VAT (£442.75)
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Special <i>Brownfield Briefing</i> sub and conference offer	<input type="checkbox"/> £486.50+VAT (£518)	<input type="checkbox"/> £651.50+VAT (£707.75)	<input type="checkbox"/> £801.50+VAT (£880.25)	<input type="checkbox"/> £926.50+VAT (£1024)

SAVING 30% off the £395 subscription cost and paying the subscriber rate for one delegate (includes monthly newsletters, weekly e-bulletins, web access and discounted conference places)

## I want to attend the breakfast seminar on 23 April

- Complimentary for those booked on all 4 modules of the main conference  
 £45+VAT (£51.75) for all other delegates

Mr/Mrs/Miss/Ms/Dr      First Name

Last Name

Position/Job title

SECOND DELEGATE: 20% OFF

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Prices include refreshments and delegate materials

### Terms and conditions

Cancellations in writing 14 days before the event will be refunded, less an administrative charge of £50.00+VAT. We regret that cancellations after this date cannot be refunded. Delegates may be substituted at any time.

Subscriber-rate prices are available to the named subscriber and colleagues from their office. Colleagues in other offices are not eligible for subscriber-rate prices unless the company has a site license.

All fees are payable in advance of the conference. Delegates who have not paid prior to the conference date will be required to provide credit card details or supply a company cheque at registration on the morning of the conference, or they may be refused admission.

Delegates unable to attend will receive a copy of the conference documentation.

Newzeeye reserves the right to alter the programme.

### Sponsorship

For sponsorship opportunities, please call Gerlanda or Cheryl on 020 8969 1008

### Data Protection

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