



**Parallel Workshop: "Vapour Behaviour and Assessment at Contaminated Sites:  
Risks Posed to Human Health"**

**Thursday 1 July 2010, Galway, Ireland**

**Program\***

Time	No.	Item/Presentation
9:45		<b>Welcome</b>
10:00-11:15		<b>Topic 1: Vapour Assessment in Australian and the UK - State of the Art</b> Learn about the status of policy and field vapour assessment approaches in Australia and the UK. View example field data to assist understanding of vapour behaviours.
10:00	1	<b>Dr Greg Davis</b> , CSIRO Land and Water, Australia "Introduction to vapour behaviour and the Australian scene"
10:30	2	<b>Ms Katy Baker</b> , Principal Risk Assessor, ARCADIS UK "The CIRIA VOC Handbook in practice"
11:15-11:45		<b>Morning Tea/Coffee</b>
11:45-13:00		<b>Topic 2: Petroleum Vapours – Why are they a Special Case?</b> Learn why exposures and human health risks from petroleum hydrocarbon vapours may be significantly less than from chlorinated hydrocarbon vapours. See how fuel additives change that potential exposure and risk.
11:45	3	<b>Dr Matthew Lahvis</b> , Shell Global Solutions, UK "Petroleum hydrocarbon vapours – a special case"
12:30	4	<b>Mr Abdulmagid Ali</b> and Dr David Werner Newcastle University, UK "Impact of ethanol and biodiesel on petroleum vapour biodegradation in sandy soil"
13:00-14:30		<b>Lunch</b>
14:30-15:45		<b>Topic 3: Quantifying and Modelling the Biodegradation of Petroleum Vapours</b> Find out about rates and limitations to biodegradation of petroleum hydrocarbon vapours, and learn about a new model that accounts for biodegradation in a Human Health vapour exposure assessment.
14:30	5	<b>Dr Greg Davis</b> , CSIRO Land and Water, Australia "Biodegradation of petroleum vapours"
15:00	6	<b>Dr Matthew Lahvis</b> , Shell Global Solutions, UK "BioVapor – a vapour intrusion simulation tool including biodegradation"
15:45-16:15		<b>Afternoon Tea/Coffee</b>
		<b>Topic 4: Workshopping the Issues</b> Have your say, and learn about research and policy directions for vapour exposure assessment for defining Human Health risks from volatile organic chemicals.
16:15	7	Moderated discussion lead by <b>Dr Greg Davis</b> "Information gaps, issues and the way forward"
17:00		End

\*may be subject to change

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