

# ADMLC



UK Atmospheric Dispersion Modelling Liaison Committee



<http://www.admlc.org.uk>

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Atmospheric Dispersion Modelling Liaison Committee



## History

- 1977: Original informal group

Held to discuss methods of calculation of atmospheric dispersion for radioactive releases

- 1995: ADMLC officially formed

Review current understanding of atmospheric dispersion and related phenomena



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## ADMLC aims to

- Facilitate the exchange of ideas
- Highlight where there are gaps in knowledge
- Provide guidance to and endorse good practice in dispersion modelling

## To this end ADMLC

- Commissions studies
- Organises workshops
- Makes all work freely available



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## Membership

- AMEC
- Atomic Weapons Establishment, Aldermaston
- Defence Science and Technology Laboratory
- Department for Energy and Climate Change (DECC)
- Department for Environment Food and Rural Affairs (Defra)
- Environment Agency for England
- Food Standards Agency
- Health and Safety Executive
- Nuclear Installations Inspectorate
- Health and Safety Laboratory
- Home Office
- Met Office
- Nuclear Department, HMS Sultan
- Public Health England
- Scottish Environment Protection Agency



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## Ingress of Pollutants into Buildings Forum



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# ADMMLC Ingress of Pollutants into Buildings Forum

10.30 - 10.45	<b>Rob Jordan</b> , Home Office The role of modelling in managing the impact of biological attacks
10.45 - 11.00	<b>James-Stewart-Evans</b> , PHE Protective actions in acute chemical and radiological incidents: evacuate or shelter-in-place?
11.00 - 11.30	<b>Vina Kukadia</b> , BR Ingress of external pollutants into urban buildings: a new methodology
<b>11.30 - 11.50 – Break</b>	
11.50 - 12.20	<b>Paul Linden</b> , University of Cambridge Wind-driven cross and single-sided ventilation of buildings: models and wind tunnel tests
12.20 - 12.50	<b>Steve Herring</b> , DSTL: Linking indoor and outdoor dispersion models to assess indoor hazards and protection from external releases
<b>12.50 - 13.40 – Lunch</b>	
13.40 - 14.10	<b>Josep Grau-Bove</b> , University College London CFD modelling and experimental study of the penetration and deposition of fine particulate matter in historic buildings
14.10 - 14.40	<b>Janet Barlow</b> , University of Reading The effect of urban flows on pollutant ingress into buildings – results from experiments in central London
<b>14.40 - 15.00 – Break</b>	
15.00 - 15.45	<b>Michael Sohn</b> , Lawrence Berkeley Laboratory Urban-Scale Indoor-Outdoor Hazard Assessment: Research Needs and Current Capabilities
<b>15.45 - 16.15 – General discussion</b>	