ADMLC
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
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

http://www.admlc.org.uk
ADMLC
Atmospheric Dispersion Modelling Liaison Committee

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

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