

## **Air Pollution 2026 Conference**

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### **Activities of the Atmospheric Dispersion Modelling Liaison Committee**

The Atmospheric Dispersion Modelling Liaison Committee (ADMLC) has been in existence since the late 1970's. Its membership comprises dispersion modelling experts from nine UK government agencies: the Environment Agency, SEPA, NRW, Met Office, DSTL, FSA, HSE, UKHSA, and ONR, plus the energy company EDF, consultancy Riskaware and AWE. The ADMLC's overall aim is to facilitate the exchange of knowledge in atmospheric dispersion modelling and related phenomena amongst its membership and the wider atmospheric dispersion modelling community.

The main activities undertaken by the ADMLC include commissioning and managing research projects, organising technical seminars and publishing guidance. It also hosts dispersion model validation datasets on its website [www.admlc.com](http://www.admlc.com). The research projects funded by the ADMLC often take the form of literature reviews and/or modelling studies. Recent projects have included analysis of the effects of NWP grid resolution on dispersion model predictions, and a review of methods for dispersion model evaluation. Findings from projects are published on the ADMLC's website. The topics covered in the ADMLC's recent technical seminars have included modelling of wildfire smoke and katabatic flows. These technical seminars are free to attend and they provide useful opportunities for knowledge transfer between government scientists, regulators, consultants, academics and industry practitioners.

The aim of this talk at the Air Pollution 2026 conference is to provide an overview of the ADMLC's recent activities and its planned future work. The ADMLC would also like to use this opportunity to discuss with attendees their research interests, to help the ADMLC shape its future funding priorities and the scope of its technical seminars.

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