The Tenth European Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes

Abstract:
The 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes at Sissi, Crete, Greece promoted dispersion modelling has been an effective tool to assess the environmental impact of human activities on air quality already at the early planning stage. It also focused on Environmental assessments during planning are required by the several legislative directives all over the world. Models can give harmonised information on the distribution of pollutants with high spatial and temporal resolution, while they allow the decision-maker to devise a range of scenarios, in which the various processes determining the environmental impact can be easily simulated and changed. This conference thematically covered: Environmental impact assessment with emphasis on air pollution management and decision support systems; Country reviews for Regulatory models; Experiences using models when implementing national or international directives; Short distance dispersion modeling; Meso-scale meteorology and air quality modeling; Urban scale and street canyon modeling for meteorology and air quality; Validation and inter-comparison of models. In addition and due to the importance of Environment and Health Action plan in Europe and elsewhere, the Steering and Scientific Committees also introduced two sessions for human exposure modeling and a session on the interaction of indoor and outdoor air and modelling.

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