

# Preface

In 1969, the North Atlantic Treaty Organization (NATO) established the Committee on Challenges of Modern Society (CCMS). From its inception, the committee supported studies of air pollution as one of its priorities. An important NATO/CCMS activity relating to air pollution was the periodic organization of a conference series called *International Technical Meeting on Air Pollution Modelling and its Application* (ITM). This activity continued until 2013, under the successor of NATO/CCMS, the NATO Committee on Science for Peace and Security (NATO/SPS). NATO Pilot Countries organizing these meetings have been: The United States of America; Federal Republic of Germany; Belgium; The Netherlands; Denmark; Portugal and Canada. In 2013 the ITM continued its meeting series independently of NATO/SPS.

This volume contains the abstracts of papers and posters presented at the 34th ITM, held in Montpellier, France, from 4 to 8 May 2015. The 34th ITM was organized by LaMP/OPGC, CNRS (Host Country) and The University of British Columbia (Pilot Country). Key topics presented at this ITM were: local and urban scale modelling; regional and intercontinental modelling; data assimilation and air quality forecasting; model assessment and verification; aerosols in the atmosphere; interactions between climate change and air quality; air quality and human health.

The ITM was attended by 114 participants representing 20 countries. Invited papers were presented by Patrick Armand, France (Emergency modelling), Heinke Schluenzen, Germany (Model evaluation), Peter Builtjes, The Netherlands (Developments in Integrated Modelling) and Mian Chin, USA (Modelling atmospheric aerosols).

On behalf of the ITM Scientific Committee and as organizers and editors, we would like to thank all the participants who contributed to the success of the meeting. We especially recognize the organizational and support efforts of the chairpersons and rapporteurs. Finally, special thanks to the sponsoring institutions: LaMP/OPGC,

CNRS/INSU, CEA, CNES, ADEME, INERIS, the city of Montpellier, Environment Canada and The University of British Columbia (Canada).

The next meeting will be held in September 2016 in Chania, Crete, Greece.

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