

Preface

In 1969, the North Atlantic Treaty Organization (NATO) established the Committee on Challenges of Modern Society (CCMS). As air pollution was one of its main priorities, the committee supported the periodic organization of a conference series called *International Technical Meeting on Air Pollution Modeling and its Application (ITM)*. This activity continued until 2013, under the successor of ITM/CCMS, the NATO Committee on Science for Peace and Security (NATO/SPS). However, since 2013 the ITM organization continues its meeting series independently of NATO/SPS.

This volume contains the abstracts and papers presented at the 35th ITM, held in Chania (Crete), Greece, from October 3, 2016 to October 7, 2016. The 35th ITM was organized by the National and Kapodistrian University of Athens (Host Country) and VITO (Pilot Country). Key topics presented at this ITM correspond to the sections in this book and include: long-term modeling and trend analysis; model assessment and verification; interactions between air quality and climate change; data assimilation and air quality forecasting; local and urban scale modeling; regional and intercontinental modeling; air quality effects on human health and ecology; and aerosols in the atmosphere.

The ITM was attended by 118 participants representing 31 countries. Invited papers were presented by Douw Steyn, Canada (Long-term modeling and trend analysis), Maria Kanakidou, Greece (Aerosols in the atmosphere), Silvana Di Sabatino, Italy (Local and urban scale modeling), and Athanasios Nenes, USA (Interactions between air quality and climate change).

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 and its high scientific level. We especially recognize the organizational and support efforts of the chairpersons and rapporteurs. Special thanks to the sponsoring

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The next meeting will be held in May 2018 in Ottawa, Canada.

Mol, Belgium

Athens, Greece

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