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Nota di contenuto	Intro -- Organizing Committee -- Preface-50th Anniversary of ITM -- Contents -- Contributors -- Aerosols in the Atmosphere -- Role of Organic Aerosol Chemistry Schemes on Particulate Matter Modeling in Europe -- 1 Introduction -- 2 Method -- 3 Results and Discussion -- 4 Conclusion -- References -- Questions and Answers -- Biogenic Emissions and Urban Air Quality -- 1 Introduction -- 2 Model Setup -- 3 Model Results -- 4 Conclusion -- References -- Questions and Answers -- Global Simulations of Ice Nuclei Particles Derived from Organics and Inorganics Particles -- 1 Introduction -- 2 Methods -- 2.1 The Global Model -- 2.2 Calculation of Potential INP Concentrations -- 3 Results -- References -- Questions and Answers -- Estimating Aerosol Loads and Aerosol-Cloud-Interaction in the 1980s and Today -- 1 Introduction and Motivation -- 2 Methods -- 3 Results and Discussion -- 4 Further Conclusions -- References -- Questions and Answers -- Characterisation of Light-Absorbing Particles in the Brussels Sub-urban Atmosphere and Implications for the Emission Scheme of a Regional Chemical Transport Model -- 1 Introduction -- 2 Methods -- 3 Results -- 4 Conclusion -- References -- Questions and Answers -- Emission Modeling and Processing -- Traffic Emissions 2040-Impact on Air Quality in Germany -- 1 Introduction -- 2 Traffic Emissions -- 3 Atmospheric Concentration

Patterns -- 3.1 Situation in 2010 -- 3.2 Future Scenarios -- 4  
Conclusion -- References -- Questions and Answers -- Biogenic VOC Emission Modeling for Spain: Adaptation of the National Forest Inventory as Input for MEGANv3 -- 1 Introduction -- 2 Methodology -- 2.1 Spanish National Forest Inventory -- 2.2 BVOC Emission Potentials Distribution -- 3 Results -- 4 Conclusion -- References -- Question and Answer.

Alteration of Vehicle Propellant Use and the Impact on CO<sub>2</sub> Emissions and NO<sub>2</sub> Concentrations in Gothenburg and Mölndal -- 1 Introduction -- 2 Method -- 3 Results and Discussion -- 3.1 Emission Calculations -- 3.2 Dispersion Simulations -- 3.3 Population Exposure -- 4 Summary and Conclusion -- References -- Regional and Intercontinental Modeling -- Improvements of Chemical Transport Modeling Over the Last 40 Years-A Personal Journey -- 1 Introduction -- 2 A Short History -- 3 Chemical Transport Modeling -- 4 Highlights of Ph.D.-Studies Over the Last 30 Years -- 5 Model Improvement -- 6 Conclusions -- References -- Questions and Answers -- Timely Update of Emission Inventories with the Use of Satellite Data -- 1 Introduction -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion -- References -- Questions and Answers -- Modeling Atmospheric Composition in the Summertime Arctic: Transport of North American Biomass Burning Pollutants and Their Impact on the Arctic Marine Boundary Layer Clouds -- 1 Introduction -- 2 Transport Cases During the 2014 NETCARE Field Campaign -- 3 Impact of NA Wildfire Pollutants on Arctic Low-Level Clouds -- References -- Questions and Answers -- Effect of Aerosol Nitrate Photolysis on Wintertime Air Quality -- 1 Introduction -- 2 Method -- 3 Results and Discussion -- 4 Conclusion -- References -- Questions and Answers -- Improved Estimation of Background Ozone and Emission Impacts Using Chemical Transport Modeling and Data Fusion -- 1 Introduction -- 2 Methods -- 3 Results and Discussion -- References -- Questions and Answers -- Same Model (CAMx6.50), Same Year (2010), Two Different European Projects: How Similar Are the Results? -- 1 Introduction -- 2 Method -- 3 Results and Discussion -- 4 Conclusion -- References -- Questions and Answers.

SMART Modeling Suite: Assessment of the Turbulence Parameterisation for the Simulation of Atmospheric Circulation and Dispersion -- 1 Introduction -- 2 The Parameterisations and the Simulations -- 3 Results and Discussion -- References -- Questions and Answers -- Analysis of the Zero-Out Method of Source Apportionment for Air Quality Modeling in Spain -- 1 Introduction -- 2 Materials and Methods -- 3 Results and Discussion -- 3.1 Ozone -- 3.2 Nitrogen Dioxide and Particulate Matter -- 4 Conclusions -- References -- Questions and Answers -- Spatio-Temporal Modeling of Grass and Birch Pollen in Belgium -- 1 Introduction -- 2 Data and Methods -- 3 Results and Discussions -- 4 Conclusions -- References -- Multi-compartment Chemistry Transport Models -- 1 Introduction -- 2 Mercury -- 3 Model and Domain -- 4 Conclusions -- References -- Climate Change Projections for Bulgaria According to RCP45 Scenario Until 2099 -- 1 Introduction -- 2 Data and Experiment Design -- 3 Results -- 4 Conclusion -- References -- Data Assimilation and Air Quality Forecasting -- Interpreting Measurements from Air Quality Sensor Networks: Data Assimilation and Physical Modeling -- 1 Introduction -- 2 Methodology -- 3 Operational Phase -- 4 Conclusion -- References -- Need and Potential Benefits of Improving Aloft Air Pollution Characterization: A Modeling Perspective -- 1 Introduction -- 2 Variations in Surface and Aloft O<sub>3</sub> -- 3 Impact of Assimilating Aloft O<sub>3</sub> -- 4 A Possible Aloft Monitoring Strategy -- References -- Optimal

Interpolation Based Data Fusion Techniques to Improve Deterministic Air Quality Forecast -- 1 Introduction -- 2 Methodology -- 2.1 Weighted Mean Approach -- 2.2 Least-Square Error Approach -- 3 Case Study -- 4 Conclusion -- References -- Questions and Answers -- Eigenmode-Based Parameter Perturbation for Stochastic Chemistry Transport Modeling.

1 Introduction -- 2 Method -- 3 Results -- 4 Conclusion -- References -- Questions and Answers -- Evolution of the Performance of the Canadian Operational Regional Air Quality Deterministic Prediction System from 2010 to 2019 -- 1 Introduction -- 2 Evaluation Methodology -- 3 Results and Discussion -- 4 Conclusions -- References -- Questions and Answers -- Statistical Methods to Forecast Air Quality in Taipa Ambient and Taipa Residential of Macao -- 1 Introduction -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion -- References -- Modeling Air Pollution in a Changing Climate -- Impacts of Fine Particulate Matter and Climate Change on Human Health Over Europe-Present and Future Scenarios -- 1 Introduction -- 2 Methodology -- 2.1 Exposure-Response Functions -- 2.2 Simulation WRF-Chem -- 3 Results and Discussion -- 4 Conclusion -- References -- Questions and Answers -- Air Quality Effects on Human Health and Ecology -- Assessing the Impact of the Po Valley Air Quality Plan (Italy) -- 1 Introduction -- 2 Materials and Methods -- 3 Case Study -- 4 Conclusion -- References -- Question and Answer -- Innovative Atmospheric Dispersion Modelling in Support of Smart Farming Applications Within the Frame of the EU LIFE+GAIA SENSE Project -- 1 Introduction -- 2 Methodology -- 3 Modelling Methodology for Assessing Air Quality Impacts -- 4 Conclusion -- References -- Modeling Chain Set up for the Assessment of Policy Impacts on Air Quality and Human Health -- 1 Introduction -- 2 Materials and Methods -- 2.1 Models -- 2.2 Scenarios -- 3 Results and Discussion -- 4 Conclusion -- References -- Modeling of Pollutant Emissions from a Diesel Power Station and Dispersion Over Extremely Complex Topography -- 1 Introduction -- 2 Methodology -- 2.1 Study Area -- 2.2 Modelling Tools -- 2.3 MEMO Input Data -- 2.4 Emission Estimations and MARS-aero Input Data.

3 Results and Discussion -- 4 Conclusions -- References -- Local and Urban Scale Modeling -- The Lagrangian Approach to Dispersion Modeling: Why We Like It (and What We Did with It) -- 1 Introduction -- 2 Historical Trace -- 3 More Recent Developments and Our Work in the Meantime -- 4 Discussion and Conclusion -- References -- Questions and Answers -- Modeling Setup for Assessing the Impact of Stakeholders and Policy Scenarios on Air Quality at Urban Scale -- 1 Introduction -- 2 Air Quality Impacts Assessment -- 2.1 Impact Assessment of Scenarios -- 3 Conclusions -- References -- Question and Answer -- Urban Atmospheric Chemistry with the EPISODE-CityChem Model -- 1 Introduction -- 2 The EPISODE-CityChem Model -- 3 Results -- 4 Conclusion -- References -- Questions and Answers -- The Impact of BVOC Emissions from Urban Trees on O<sub>3</sub> Production in Urban Areas Under Heat-Period Conditions -- 1 Heat-Periods, Urban Trees and Urban Air Quality -- 2 Research Domain and CTM Setup -- 3 Modeling Urban Tree-Specific BVOC Emissions in Urban Areas -- 4 Simulated Effects of UGI BVOC Emissions on Ozone -- 5 Conclusion -- References -- Questions and Answers -- Implementation and Application of the Online Coupled Chemistry Model of the Microscale Urban Climate Model PALM-4U -- 1 Introduction -- 2 PALM-4U Chemistry Implementation -- 3 Case Study for a City Quarter of Berlin, Germany -- 4 Conclusions and Outlook -- References -- Questions and Answers -- Urgency Management of Adverse

Atmospheric Releases with a Forefront Multi-scale High Resolution  
Modeling and Decision-Support System -- 1 Introduction -- 2  
Downscaling and Upscaling Flow and Dispersion Modeling -- 3  
Validation of the Local Scale Modeling System -- 3.1 Description  
of the Experimental Test-Cases -- 3.2 Overview of PMSS Validation  
Against Michelstadt Wind Tunnel Results.  
3.3 Overview of PMSS Validation Against CUTE Field and Wind Tunnel  
Results.

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