

CONVENTION ON LONG-RANGE TRANSBOUNDARY AIR POLLUTION

19th Task Force on Measurement and Modelling Meeting

Geneva (Switzerland), 2-4 May 2018

World Meteorological Organization
7bis, avenue de la Paix, CH-1211 Geneva 2 – Switzerland

Agenda

Wednesday, May 2nd 2018 (13:30-18:00)

13:00 – 13:30 registration

Welcome and Introduction

13:30 Welcome and meeting outlook. **Augustin Colette and Oksana Tarasova** (co-chairs of the TFMM)

14:10 Welcome of the host. FOEN: Swiss contribution to EMEP and the LRTAP Convention. **Rudolf Weber** (FOEN/Switzerland)

14:30 Update on EMEP and the LRTAP Convention. **Laurence Rouil** (EMEP Chair, tbc).

14:50 Information sharing from the Task Force on Integrated Assessment Modelling with a focus on a forthcoming Ammonia Assessment Report. **Rob Maas** (TFIAM Chair)

Coffee break: 15:10 – 15:30

EMEP Modelling Activities and National Presentations

15:30 Progress on MSC-W activities. **Hilde Fagerli** (EMEP MSC-W/Met Norway).

15:50 EMEP modelling organic aerosols (OA); experiences with semi- and interim- volatility OA. **David Simpson** (EMEP MSC-W/Met Norway-Chalmers Univ.)

16:10 Country-specific studies of heavy metal and POP pollution: Updated results on cadmium pollution in Poland. **Iliia Ilyin** (EMEP MSC-E).

16:30 Progress on MSC-E activities regarding POP pollution in the EMEP region. **Alexey Gusev** (EMEP MSC-E).

National Experts

16:50 Modelling concentrations of BaP over France and Spain. **Florian Couvidat** (INERIS/France) - **Marta Garcia Vivanco** (CIEMAT/Spain)

17:10 Open discussion on modelling

18:00 End of day 1

Thursday, May 3rd 2018 (9:00-18:00)

Thematic session on long range transport and urban air pollution

9:00 Towards a LRTAP Expert Group on Clean Cities. **Rob Maas** (TFIAM)

9:15 The added value of twin sites observations to assess the contribution of long range pollution to urban air. **Marco Pandolfi** (CSIC/Spain, remote presentation).

9:30 Evaluation of the contribution of long range air pollution to urban areas with GAINS. **Gregor Kieseewetter** (IIASA/CIAM/Austria).

9:45 On the validity of the incremental approach to calculate the impact of cities on air quality. **Philippe Thunis** (JRC)

10:00 Modelling the contribution of long range pollution to urban air. **Augustin Colette** (INERIS/France)

10:15 Progress in downscaling using uEMEP. **Bruce Denby** (EMEP MSC-W/Met Norway).

10:30 Open discussions on twin sites

10:40-11:00: Coffee break

11:00 Dispersion modelling application for urban air impact assessment: a case study. **Sergey Kakareka** (Institute for Nature Management/Belarus).

11:20 Modelling and measurements activities at ENEA. **Mihaela Mircea** (ENEA/Italy).

11:40 Update on activities of the Netherlands within EMEP. **Addo van Pul** (RIVM/The Netherlands).

12:00 Demonstration of a new prototype source apportionment service with LOTOS-EUROS. **Astrid Manders** (TNO/The Netherlands).

12:20-14:00: Lunch break

EMEP Measurement Activities

14:00 EMEP monitoring strategy 2020-2029. **Kjetil Tørseth** (EMEP CCC/NILU).

14:20 Revision of the monitoring Strategy. **Augustin Colette** and **Oksana Tarasova** (TFMM co-chairs).

Coffee break: 15:30 – 15:50

National Experts and International Organisations

15:50 WMO/GAW statement on low-cost sensors for the measurement of atmospheric composition. **Oksana Tarasova** (WMO).

16:10 Update on activities of Bulgaria within EMEP. **Ekaterina Batchvarova** (National Institute of Meteorology and Hydrology/Bulgaria).

~~16:30 Update activities of The United Kingdom within EMEP. **Christine Braban** (CEH/United Kingdom). [CANCELLED]~~

16:50 Trends analysis of PM₁₀ using Random Forest Models. **Christoph Hueglin** (EMPA/Switzerland).

17:10 Open discussion on monitoring

18:00 End of day 2

19:00 Conference dinner at Café Papon, Rue Henri-Fazy 1, Geneva

Friday, May 4th 2018 (9:00- 12:00):

Thematic Session on Carbonaceous aerosols

9:00 Status of EMEP/ACTRIS/COLOSSAL intensive measurement period, winter 2018. **Wenche Aas** (EMEP CCC/NILU).

9:20 Black carbon measurement campaign in Estonian residential heating areas. **Erik Teinmaa** (Environmental Research Centre/Estonia).

~~9:40 Carbonyls as predictors of organic carbon in monitoring networks and field studies. **Satoshi Takahama** (EPFL/Switzerland). [CANCELLED]~~

10:00 Chemical composition of PM₁ in Krakow, Poland. **Anna Tobler** (Paul Scherrer Institut/Switzerland).

10:20-10:40: Coffee break

Thematic Session on links between EMEP and WGE

10:40 Modelled deposition of nitrogen and sulphur in Europe: Evaluation, effects of changes in emissions and implications for habitat protection. Links with TF-HTAP and WGE. **Marta Garcia Vivanco** (CIEMAT/Spain).

11:00 Atmospheric deposition measurements in France from EMEP and ICP Forest programs: assessment of trends and ecosystem impacts. **Aude Bourrin** (IMT/France).

11:20 EMEP modelling of ozone and nitrogen deposition to ecosystems; recent activities. **David Simpson** (EMEP MSC-W/Met Norway-Chalmers Univ.)

Conclusion of the meeting

11:40 Wrap Up. **Augustin Colette** and **Oksana Tarasova** (TFMM co-Chairs).

12:00 End of meeting