

ACCENT/GLOREAM Workshop, 28.11. – 30.11.2007 in Berlin, Harnack House

28 November 2007

14.00-14.30 Welcome, Opening, First Introduction by Arno Graff, UBA Germany

Emissions and transport

14.30-15.00 M. Schaap On the importance of brake wear as a source of atmospheric copper concentrations

15.00-15.30 D. Syrakov Numerical Simulation of an extreme air pollution episode created by coal burning thermal power plants

15.30-16.00 A. Kerschbaumer Urban PM10 budget

16.00-16.30 Coffee Break

Fires and windblown dust

16.30-17.00 E. Hendriks A methodology to constrain the potential source strength of various soil dust sources contributing to atmospheric PM10 concentrations

17.00-17.30 M. Sofiev On influence of wild-land fires to the european air quality

17.30-18.00 A. Miranda Forest fires impact on air quality over Portugal using an ensemble of model results

18:00-18:30 R. Funk Influence of soil moisture on PM emissions from soils

18.30 – Welcome Drinks etc

29 November 2007

Forecasting

09.00-09.30	H. Eskes	Modelling and satellite observations of air pollution in the Netherlands and Europe
09.30-10.00	J.M. Baldasano	Enhancing high-resolution air quality forecasting in Europe and the Iberian Peninsula within a supercomputing framework: the CALIOPE project
10.00-10.30	Coffee Break	
10.30-11.00	A.W. Delcloo	Evaluation of an operational ensemble prediction system” for ozone concentrations over Belgium using the CTM Chimere
11.00-11.30	M. Sofiev	new COST Actions – ENCWF and EUPOL

Model applications

11:30-12.00	J.Keller i	Preliminary results of MM5/CAMx simulations for winter and summer 2006 in Switzerland
12.00-12.30	R. Wolke	The influence of local emissions and long-range transport on PM10 hot spots in Saxony
12.30-14.00	Lunch	
14.00-14.30	K. Ganev	Local to regional dilution and transformation processes of the emissions from road transport
14.30-15.00	C. Mensink	Modelling air quality in the Lake Baikal region
15.00-15.30	V. Matthias	The aerosol distribution in Europe derived with the Community Multiscale Air Quality (CMAQ) model: Comparison to near surface in situ and sunphotometer measurements Aerosol

15.30-16.00 C. Mensink Influence of transatlantic NO₂- and O₃-transport on air quality in Europe

Model Evaluation

16.00-16.30 R. Stern A model inter-comparison study focussing on episodes with elevated PM10 concentrations

16.30-17.00 R. Vautard / P. Builtjes Model experiences in the US

17.00-18.00 all General discussion

19.30- Diner in the Centre of Berlin

30 November 2007

Process Analysis

9.00-9.30 L. Frohn The new Danish Centre of Energy, Environment and Health (CEEH) - basic ideas and framework

9.30-10.00 P. Jimenez-Guerrero Contribution of atmospheric processes to photochemical pollution by using a process analysis tool in the north-eastern and central Iberian Peninsula

10.00-10.30 R.Forkel Application and inter-comparison of atmospheric chemistry mechanisms and advection schemes within the online-coupled regional meteorology chemistry model MCCM

10.30-11.00 Coffee break

11.00-11.30 J. Vila-Guerau Transport and Chemical transformation influence by shallow cumulus over land

11.30-12.00 R. Vautard Simulations of large fire plumes dispersion with CHIMERE: three major case studies

Meteorology

12.00-12.30 S. Banzhaf Parameterisation of vertical rain rate profiles for the meteorological driver of LOTOS and RCG.

12.30-13.00 all conclusions and end

13.00-14.00 Lunch

14.00-17.00 A. Ebel Small meeting on invitation by Adolf Ebel on Interaction Chemistry-Turbulence