

UNECE Convention on Long-range Transboundary Air Pollution
Working Group on Effects

**International Cooperative Programme
on Modelling and Mapping
of Critical Levels & Loads and Air Pollution Effects,
Risks and Trends (ICP M&M)**

Final Agenda

24TH CCE WORKSHOP AND 30TH TASK FORCE MEETING
**on assessments of impacts of air pollution, and interactions with
climate change, biodiversity and ecosystem services**

Monday 7 – Thursday 10 April 2014

Rome, Italy

ENEA
Lungotevere Thaon di Revel 76
Rome

Sponsored by:

National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Italy
French National Institute for Industrial Environment and Risks (INERIS)
Dutch Ministry of Infrastructure and the Environment
Coordination Centre for Effects (CCE) at RIVM, The Netherlands

Monday, 7 April 2014

Opening of the 24th CCE workshop and 30th TF and Key Note Session

Chair: Alessandra De Marco

8:00 - 8:30	Registration, coffee and mounting of posters	
8:30 - 8:45	<i>Welcome</i>	<i>P.M.</i>
8:45 - 10:15	Keynote Session	
8:45 - 9:15	Ozone fluxes and epidemiology of forest injury	<i>Elena Paoletti et al.</i>
9:15 - 9:45	FO ₃ REST: Adapting Mediterranean forests to climate change and air pollution	<i>Pierre Sicard et al.</i>
9:45 - 10:15	Bridging modelled and measured data to evaluate forest health and vitality	<i>Alessandra De Marco et al.</i>
10:15 - 10:30	Objectives of the workshop and Task Force	<i>Anne-Christine Le Gall/ Jean-Paul Hettelingh</i>

Topic 1: Results of the Call for Data 2012-14 of contributions to dynamic modelling of vegetation changes and applications ("no net loss of biodiversity")

Chair: Jean-Paul Hettelingh

10:30 - 10:45	Coffee break and Poster session in the presence of poster authors	
10:45 - 11:30	<i>2012-14 Call for Data results</i>	<i>Jaap Slootweg & Max Posch</i>
11:30 - 12:00	<i>Objectives of proposed WGE-ICP M&M Call for Data 2014-15</i>	<i>Max Posch & Jaap Slootweg</i>
12:00 - 12:30	Discussion	
	TF Conclusions and recommendations for on Topic 1	<i>Anne-Christine Le Gall</i>
12:30 - 14:00	Lunch	

Topic 2: Call-results and Progress on identification and use of biodiversity endpoints (incl. ecosystem services) and indicators. Regional assessments of their changes (NFC + other presentations)

Chair: Max Posch

14:10 - 14:20	<i>Modelling N driven biodiversity changes in Austrian forest and grassland habitats</i>	<i>Thomas Dirnböck</i>
14:20 - 14:40	<i>Selecting a biodiversity metric for the UK response to the CCE Call for Data by comparison with specialist judgement.</i>	<i>Ed Rowe</i>
14:40 - 15:00	<i>Modelling plant response to nitrogen atmospheric deposition in some French ecosystems: progress and limits.</i>	<i>Simon Rizzetto et al.</i>

15:00 – 15:20	<i>Biodiversity in a changing environment – call for data results in Germany</i>	<i>Thomas Scheuschner</i>
15:20 – 15:45	Coffee break and Poster session	
15:45 – 16:15	<i>Issues addressed in Switzerland in responding to the CCE Call for Data 2012-2014</i>	<i>Daniel Kurz , Beat Achermann (2 parts)</i>
16:15 – 16:40	<i>Modelling biodiversity indicators using the CCE background database</i>	<i>Gert Jan Reinds</i>
16:40 – 17:00	<i>Recent developments on the VSD+PROPS model</i>	<i>Luc Bonten</i>
17:00 – 17:30	Discussion & interim Task Force conclusions on Topic 2	

Tuesday, 8 April 2014

Topic 2...Cont^d: New knowledge of (1) nitrogen impacts and trade-off between nitrogen and ozone impacts and (2) modelling of “biodiversity” endpoints indicators, e.g. for calls for data

Chair: Beat Achermann

8:30 – 9:00	<i>Dynamic modelling of impacts in Natura 2000 habitats in the Dutch response to the call for data</i>	<i>Arjen van Hinsberg</i>
9:00 – 9:20	<i>Effects of 7 years of combined O₃ and N deposition on the species composition and soil C and N pools in a subalpine grassland</i>	<i>Seraina Bassin</i>
9:20 – 9:40	<i>Scale-dependent effects of nitrogen deposition on plant diversity</i>	<i>Lukas Kohli</i>
9:40 – 10:00	<i>Measuring or modelling: complementing or contradicting</i>	<i>Walter Seidling</i>
10:00 – 10:20	<i>Reporting on new progress with the ForSAFE-VEG model towards good accuracy on vegetation modelling. The result of calibrating a database across North America and Europe on output</i>	<i>Harald Sverdrup / Salim Belyazid</i>
10:20 – 10:40	Discussion & Task Force Conclusions and recommendations on Topic 2	<i>Chair : Anne-Christine Le Gall</i>
10:40 – 11:00	Coffee break and Poster session	

Topic 3: ICP M&M 2014-2015 work plan: Mapping Manual and collaboration with other ICPs

Chair: Anne Christine Le-Gall

11:00 – 11:20	Updates on U.S. activity related to the WGE Call for Data	Christopher Clark
11:20 – 11:40	First communication on a dynamic vegetation modelling study at selected ICP IM sites with contributions from ICP M&M and ICP Forest	Maria Holmberg
11:40 – 12:10	ICP-Vegetation - Updates to chapter 3 of the Modelling and Mapping Manual.	Harry Harmens
12:10 – 12:30	Presentation of the updated Mapping Manual	Anne-Christine Le Gall
12:30 – 13:00	Task Force Conclusions and recommendations on Topic 3	Chair : Anne-Christine Le Gall
13:00 – 14:00	Lunch	
14:00 – 19:00	Excursion (PM.)	
20:30 (PM.)	Conference dinner (PM.)	

Wednesday, 9 April 2014

Topic 4: Results from international collaborations: Novel critical thresholds, status of ECLAIRE, other scientific progress and effect-oriented policy support

Chair: Anne-Christine Le Gall

8:45 – 9:15	Challenges in using biodiversity indicators to quantify ecosystems services for a cost-benefit analysis in the framework of ECLAIRE	Wilfried Winiwarter
9:15 – 9:35	The valuation of damage to ecosystem services due to air pollution...follow up of TFIAM-NEBEI workshop, Zagreb, 24-25 October 2013	Rob Maas
9:35 – 9:55	ICP Waters - report from current activities: trends, biodiversity and ecosystem services.	Heleen de Wit
9:55 – 10:15	Indicator choice in quantifying the threat of atmospheric N to the Natura 2000 network	Jesper Bak
10:15 – 10:45	Discussion	
10:45 – 11:05	Coffee break	
11:05 – 11:25	The development of a new acidity critical load method for UK peats	Chris Evans
11:25 – 11:50	Critical limits for acidification of surface waters vs boundary values in the Water Framework Directive – a Norwegian case study	Kari Austnes
10:50 – 11:10	The ammonia deposition reductions required post 2025 to protect Annex I habitats in the UK	Jane Hall
11:10 – 11:30	The use of the GAINS_Italy Model for Impact Assessment	T.Pignatelli, G. Vialetto

11:30 – 12.30	Discussion Task Force Conclusions and recommendations on Topic 4 (and if necessary on topics 2 and 3)	<i>Chair : Anne-Christine Le Gall</i>
12:30 – 14:00	Lunch	

Topic 5: Training session + issues for possible call 2014-2015

Moderator: Jaap Slootweg et al. (CCE and Alterra)

14:00 – 14:15	<i>Introduction</i>	<i>PM.</i>
14:15 - 18:00 Coffee break @ 15:30	<i>Interactive discussions with NFCs on call for data software (incl. VSD-PROPS) and CCE/NFC data base issues</i>	

Thursday 10th April 2014

Topic 6: ICP M&M workplan ...continued

[...Including: Inventory of (national) effect-oriented research and policy support 2014-2020...]

9:00 – 9:20	<i>Summary of training session findings</i>	<i>Jaap Slootweg & Max Posch</i>
9:20 – 9:30	Task Force Conclusions and recommendations on Topic 5	<i>Chair : Anne-Christine Le Gall</i>
9:30 – 10:30	<i>Discussion on capacity building in EECCA Countries Common EMEP – WGE Reports Collaboration with other groups under the LRTAP Convention</i> <i>[The traditional Tour the Table is replaced by your contribution in writing, e.g. addressing (1) NFC progress in relation to the call for data, (2) envisaged capacity for 2014-2015, (3) NFC collaboration with habitat experts]</i>	
10:30 - 10:50	Coffee break	
10:50 - 12:30	Draft ICP M&M contributions to WGE meeting technical document(s) for 33rd WGE session (Geneva, 18-19 Sept. 2014) <i>Future meetings</i> Adoption of the draft minutes of the meeting. <i>Closure of the CCE WS and ICP M&M Task Force meeting</i>	
12:30 - 14:00	Lunch	

Posters

(Poster sessions are combined with coffee breaks)

<i>Modeling stomatal ozone deposition in mediterranean forests: validation using field observations from two coastal test sites</i>	<i>Silvano Fares and Flavia Savi</i>
<i>Results for VSD+ Modelling for the Level II Plots in Romania</i>	<i>Carmen Iacoban</i>
<i>Empirical Critical Loads for N as a nutrient at Natura 2000 sites – Swedish contribution to the call for data 2012/2014</i>	<i>Filip Moldan</i>
<i>Antagonism of temporal trends in atmospheric deposition influences the determination of sensitive ecosystem in France</i>	<i>Pascaud et al.; Anne Probst</i>
<i>Dynamics of understory plant communities in pine forest sites under long-term impact of increased nitrogen depositions: analysis of indicators and drivers</i>	<i>Irina Priputina</i>
<i>Changes in the ground vegetation composition of forest ecosystems observed in the Czech Republic in relation to atmospheric depositions, soil properties, temperatures and precipitation amounts</i>	<i>Irena Skořepová</i>
<i>Ozone impact on forest, grassland and crop in the ORCHIDEE model: results from dose/response concepts</i>	<i>Thomas Verbeke</i>
<i>[Setting critical loads of nutrient nitrogen for Irish oak woodlands]</i>	<i>Kayla Wilkins and Julian Aherne</i>
<i>Posters “on the go” invited !</i>	