

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

28th March 2013

23RD CCE WORKSHOP AND 29TH TASK FORCE MEETING

**on assessments of impacts of air pollution, and interactions with
the change of climate, biodiversity and ecosystem services**

Monday 8 – Thursday 11 April 2013

Copenhagen, Denmark

Aarhus University, Campus Emdrup
Tuborgvej 164
2400 Copenhagen NV

Sponsored by:

Department of Bioscience of the Aarhus University, Denmark
French National Institute for Industrial Environment and Risks (INERIS), France.
Dutch Ministry of Infrastructure and the Environment
Coordination Centre for Effects (CCE) at RIVM, The Netherlands.

Monday, 8 April 2013

Opening of the 23rd CCE workshop and 29th TF and Key Note Session

Chair: Jesper Bak

8:00-8:30	Registration, coffee and mounting of posters	
8:30-8:45	<i>Welcome</i>	
8:45-9:15	<i>Keynote: Biodiversity-related critical loads in a Danish and European context</i>	<i>Jesper Bak</i>
9:15-9:45	<p><i>Objectives of the CCE workshop and the meeting of the Task Force on Modelling and Mapping:</i> Important objectives of the meetings include: (1) presentations on field measurements and model assessments addressing plant species diversity (2) progress on the development of biodiversity indicators (including input to the WGE report "biodiversity and ecosystem functions") (3) progress and training session addressing (NFC-) specific issues on dynamic soil-vegetation modelling and call for data. (4) Summary of integrated assessment applied to the Gothenburg protocol (5) ICP M&M - workplan and other Task Force issues</p> <p><i>Adoption of 2012 TF minutes.</i></p>	<p><i>Jean-Paul Hettelingh and Anne-Christine Le Gall</i></p> <p><i>Anne-Christine Le Gall</i></p>

Topic 1: Field measurements and model assessments addressing (N-induced) changes of plant species diversity

Chair: Jesper Bak

9:45 – 10:05	<i>Nitrogen deposition affects forest floor vegetation across Europe evidence from long-term monitoring</i>	<i>Thomas Dirnböck</i>
10:05-10:25	<i>Critical load exceedances and empirical indicators at ICP Integrated Monitoring sites</i>	<i>Maria Holmberg</i>
10:25-10:45	Coffee break and Poster session in the presence of poster authors	
10:45-11:00	<i>Methodological approaches for biodiversity assessment under polluted forest sites.</i>	<i>Marcello Vitale, Fabio Attorre, Michele De Sanctis, Maria Francesca Fornasier, Alessandra De Marco</i>
11:00-11:20	<i>Concepts for defining habitat distribution and validating habitat cluster potential</i>	<i>Thomas Scheuschner</i>
11:20-11:40	<i>ICP Waters: 30 years of biodiversity trends in European fresh waters</i>	<i>Gaute Velle</i>
11:40-12:00	<i>Monitoring and modelling of N-effects based on the Danish National Monitoring and Assessment Programme for the Aquatic and Terrestrial Environment</i>	<i>Christian Damgård</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: Regional assessments of changes of (indicators for) biodiversity and ecosystem services

Chair: Max Posch

14:00-14:20	<i>Progress on modelling biodiversity change with ForSAFE-VEG, considering climate change and pollution. Experiences from the last years, and taking a new approach to assessing critical loads based on biodiversity</i>	<i>Harald Sverdrup, Salim Belyazid, Anne Probst, Dani Kurz</i>
14:20-14:40	<i>Modelling the impact of nitrogen deposition on French forest ecosystems using ForSAFE-VEG: biogeochemical validation and development of a new quantified approach to calibrate the VegTable</i>	<i>Noémie Gaudio, Selim. Belyazid, Jean Claude Gégout, S. Rizetto, Didier Alard, Emmanuel Corcket, Jean Paul Party, Arnaud Mansat, T. Gauquelin, Harald Sverdrup, Anne Probst</i>
14:40-15:00	<i>Assessing the impact of air quality and climate change on carbon sequestration by forest ecosystems in Europe</i>	<i>Max Posch</i>
15:00-15:20	<i>Use of biodiversity indicators in Dutch policy support</i>	<i>Arjen van Hinsberg</i>
15:20-15:40	<i>Biodiversity indicators for UK habitats: a process for determining species-weightings</i>	<i>Ed Rowe</i>
15:40-16:00	Coffee break and poster session in the presence of poster authors	
16:00 – 16:20	<i>Performance of different biodiversity indicators in response to nitrogen air pollution</i>	<i>Lukas Kohli, Beat Rihm</i>
16:20 – 16:40	<i>Ecological stoichiometry, atmospheric N deposition and soil nitrogen-to-carbon ratios in Europe</i>	<i>Christian Mulder, Luca Montanarella, and Rannveig Anne Guicharnaud</i>
16:40-17:00	<i>Interactions between pH and nutrients on benthic algae in streams and consequences for ecological status assessment and species richness patterns</i>	<i>Susanne Schneider</i>
17:00 – 17:20	<i>Applications of ROMUL - model of soil organic matter and nitrogen based on soil morphology (LFH-approach) at case-studies across Europe</i>	<i>Alexander Komarov</i>
17:20 - 18:00	Discussion and Task Force Summary and conclusions	<i>Anne-Christine Le Gall</i>

Tuesday, 9 April 2013

Topic 3: Effect based information for policy support and integrated assessment		
<i>Chair: Beat Achermann</i>		
9:00 – 9:20	<i>Assessing European objectives for acidification, eutrophication and ground-level ozone with 2001 and present knowledge</i>	<i>Max Posch and Jean-Paul Hettelingh</i>
9:20 - 9:40	<i>Regionalization of dose-response relationships established from gradient studies</i>	<i>Jean-Paul Hettelingh, Max Posch,[Carly Stevens]</i>
9:40 – 10:00	<i>Modelling plant species diversity under changing deposition and climate</i>	<i>Gert Jan Reinds</i>
10.00-10.20	<i>Modelling of Ecosystem Integrity with regard to Potential Effects of Climate Change and Nitrogen Deposition in Selected German Tree-dominated Ecosystems</i>	<i>Jan Riediger</i>
10:20 – 10:40	Coffee break and poster session in the presence of poster authors	
10:40-11:00	<i>EEA support to the EU's Air Policy Review with focus on ecosystem impacts</i>	<i>Anke Lükewille</i>
11:00-11:20	<i>Nature targets: Experiences from the implementation of the EU directives for Danish lakes</i>	<i>Martin Søndergård</i>
11.20-11.40	<i>Cross-comparison of nutrient nitrogen critical loads databases from ICP Modelling and Mapping and ICP Forests at European level</i>	<i>Alessandra De Marco and Richard Fischer</i>
11:40 – 12:30	Final discussion on Topic 3, TF Conclusions and recommendations on Topic 3	<i>All</i> <i>Anne-Christine Le Gall</i>
12.30-14.00	Lunch	

Topic 4: Issues to be anticipated for the ICP M&M		
<i>Chair: Anne Christine Le-Gall</i>		
14:00 – 15.00	<ul style="list-style-type: none"> - Reports to CLRTAP and EC - CLd Manual update 	<i>Other ICPs /TF contributions</i>
	<i>NFC tour de table over national support and on recent and future activities, including outreach and future activities (...continued on Thursday as appropriate)</i>	<i>NFC-Tour de table and presentations following registrations</i>
	Task Force Conclusions and recommendations on Topic 4	<i>Chair : Anne Christine Le Gall</i>
15:00-18.00	Excursion	
19.30	Conference dinner	

Wednesday, 10 April 2013

Topic 5: Collaboration 2013-2014 under the LRTAP Convention		
<i>Chair: Anne-Christine Le Gall</i>		
8 : 45-9 : 00	<i>Update on the developments in the UNECE LRTAP Convention</i>	<i>Peringe Grennfelt</i>
9 : 00- 9 : 20	<i>Status of the DRAFT WGE report "Impacts of Air Pollution on Biodiversity and Ecosystem Services"</i>	<i>Harry Harmens</i>
9 : 20 – 9 : 40	<i>ICP Vegetation: An overview of the achievements of the ICP Vegetation 2012/13</i>	<i>Harry Harmens</i>
9 : 40 – 10 : 00	<i>ICP Waters: Workplan and progress</i>	<i>Gunnar Skotte</i>
10 : 00 – 10 : 20	<i>Report on ICP IM activities and on scientific results underpinning the CLRTAP achievements</i>	<i>Lars Lundin</i>
10 : 20 – 10 : 40	<i>Status ICP Forests</i>	<i>Martin Lorenz</i>
10 : 40 – 11 : 00	Coffee Break and Poster session in the presence of poster authors	
11 : 00 – 11 : 20	<i>Status ICP Materials</i>	<i>Johan Tidblad</i>
11 : 20 – 11 : 40	<i>Status JEG</i>	<i>Filip Moldan</i>
11 : 40 – 12 : 00	<i>Status ICP M&M</i>	<i>Anne-Christine Le Gall and Jean-Paul Hettelingh</i>
12 : 00 – 12 : 30	TF Conclusions et recommendations	
12 : 30 – 14 : 00	Lunch break	

Topic 6: Training session addressing (NFC-) specific issues on dynamic soil-vegetation modelling and call for data 2012-2014.		
<i>Moderators: Max Posch, Jaap Slootweg, Gert Jan Reinds, Luc Bonten, Salim Belyazid</i>		
14:00 – 14:15	<i>Introduction to the Training session for the response to the call for data 2012-2014 issued in 2012</i>	<i>Jaap Slootweg, Max Posch</i>
14:15-18:00	<i>Training session...Addressing NFC issues and interim experiences</i>	<i>Jaap Slootweg, Max Posch, Gert Jan Reinds, Luc Bonten ...</i>

Thursday 11th April 2013

Topic 7: EC projects to strengthen science of effects-based assessments and closure of the meeting

Chair: Anne-Christine Le Gall

9:00 – 9:30	<i>Effects of Climate Change on Air Pollution Impacts and Response Strategies for European Ecosystems (ECLAIRE)</i>	<i>Wilfried Winiwarter</i>
9:30-10.00	<i>Quantitative assessment of air pollution on biodiversity</i>	<i>Jesper Bak</i>
10 :00 -10:30	Discussion	
10.30-10.50	Coffee break	
10:50-12:30	<i>Draft ICP M&M contributions to WGE meeting</i>	<i>Anne-Christine Le Gall Jean-Paul Hettelingh</i>
	<i>technical document(s) for 32st WGE session (Geneva, 12-13 Sept. 2013)</i>	
	<i>Future meetings</i>	
	<i>Adoption of the draft minutes of the meeting.</i>	
	Closure of the CCE WS and ICP M&M Task Force meeting	
12 :30 – 14 :00	Lunch	

Posters

(Poster sessions are combined with coffee breaks)

<i>Progress with the modelling and mapping of Critical Loads in Moldova</i>	<i>Ala Cojocar</i>
<i>Selection and characteristic the sites for soil vegetation model on Crimean peninsula territory, Ukraine</i>	<i>Helena Evstafyeva</i>
<i>Potential impacts of nitrogen deposition on plant biodiversity and soil chemistry in acid and neutral-calcareous Irish grasslands.</i>	<i>Jason Henry and Julian Aherne</i>
<i>ECLAIRE: Effects of Climate Change on Air Pollution Impacts and Response Strategies for European Ecosystems (FP7 project)</i>	<i>Clare Howard and Jean-Paul Hettelingh et al.</i>
<i>Evaluation of modeled wet deposition in Spain</i>	<i>Héctor García-Gómez</i>
<i>Critical loads of nutrient N and critical loads of acidity on ecosystems of Pasvik nature reserve</i>	<i>Anastasiia Idashkina</i>
<i>Soil-vegetation data for test sites in European Russia</i>	<i>Irina Pripulina</i>
<i>Temporal evolution of two biodiversity indices: example of eleven French forest sites</i>	<i>S. Rizzetto, N. Gaudio, A. Probst</i>
<i>The assessment of empirical critical loads for nitrogen with use of nitrophilous vegetation species occurrence in some forest biotopes in the Czech Republic</i>	<i>Irena Skořepová et al.</i>
<i>Posters invited !</i>	