

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)**

**37<sup>th</sup> Task Force Meeting, 28<sup>th</sup> CCE Workshop, and 2<sup>nd</sup> CDM Meeting**

**Web-conference, on Microsoft TEAMS**

**on afternoons of Tuesday 20, Wednesday 21 and Thursday 22 April 2021**

**Times listed in UTC +2**

**FINAL AGENDA**

**Tuesday 20 April afternoon**

**Welcome and Opening session**

Chair: Alice James Casas

13:30	–	14:00	Connection to the meeting / welcome	Alice James C.
14:00	–	14:15	“Tour de table”, introduction & meeting good practices	Alice James C.
14:15	–	14:30	Gothenburg Protocol (GP) review process	Dominique Pritula
14:30	–	14:45	Update on WGE and Convention issues	Isaura Rabago
14:45	–	15:00	Agenda of the meeting	Alice James C.

**Current status of the Call for data**

Chair: CCE

15:00	–	15:15	Current status of the Call for Data	Thomas Scheuschner
15:15	–	15:30	Discussion on the process	All
15:30	–	15:50	Modelling and monitoring impacts of air pollution in Ireland	David Kelleghan
15:50	–	16:10	Update on Critical Loads in the Czech Republic	Tomáš Chuman
16:10	–	16:30	Updates from the US : an overview of several projets related to critical loads and ecosystem vulnerability to N and S deposition in the US	Christopher Clark
16:30	–	17:00	Comfort Break	

**Progress on development of the European background database for Critical Loads**

Chair: CCE

17:00	–	17:10	Progress achieved on developing the new European background database	Christin Loran
17:10	–	17:30	New European background database: Updates and changes	Gert Jan Reinds
17:30	–	18:00	Discussion on the process	All

**Wednesday 21 April afternoon**

13:30	–	14:00	Connection to the meeting / welcome / side discussions	Alice James C.
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## Special focus on Gothenburg Protocol review (1/2)

### – Focus on inputs foreseen from ICP M&M

Chair: CCE

14:00	–	14:15	GPG Document Item 2.2 : Data input from CCE (CCE risk calculations, cooperation with EMEP)	CCE
14:15	–	14:30	Discussions on the process	All

## NFCs' contributions to effect-oriented activities

Chair: CDM

14:30	–	14:45	Evaluating the critical loads using data from the national lake survey 2019	Kari Austnes
14:45	–	15:00	Critical loads of hundreds of headwater streams in China using SSWC model	Lei Duan
15:00	–	15:15	Nitrogen Futures: ambitions for reducing N pollution in a rapidly changing UK context	Ed Rowe
15:15	–	15:30	Investigating the links between climate, phenology and soils in a Mediterranean forest with the ForSAFE model	Hector Garcia-Gomez
15:30	–	15:45	Discussion	All
15:45	–	16:15	Comfort Break	

## Cooperation with other groups

Chair: Alice James Casas

16:15	–	16:30	Update in the GAINS model, progress report from EMEP-CIAM	Wolfgang Schoepp
16:30	–	16:45	On behalf of the Task Force on reactive nitrogen	Claudia Cordovil
16:45	–	17:00	Recent and relevant activities of the ICP vegetation	Felicity Hayes
17:00	–	17:15	Brief update on ICP IM activities	Maria Holmberg
17:15	–	17:30	ICP Waters status and progress	Kari Austnes
17:30	–	17:45	Update on recent activities from the ICP F	Ann-Katrin Prescher
17:45	–	18:00	Using critical loads in risk assessment: examples and a request for advice	Susan Zappala

Our very special focus this year is on the on-going Gothenburg Protocol review process, with two dedicated sessions dealing with the review of progress made towards achieving the environmental and health objectives of the Protocol.

For further details, see item 2 of the table of the Annex in the [Draft annotated outline of the report on the review of the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone](#)) and more particularly :

\* **question n° 2.2** relating to changes in exceedance of critical loads for acidification and eutrophication since last decades and projected changes and referred to in **section “D. Measured and modelled atmospheric concentrations and deposition levels”** of the core text.

\* **question n° 2.8** relating to expected impacts of new scientific findings on environmental and health effects assessments, e.g. on critical loads, critical levels of ozone, PM, NO<sub>2</sub> and NH<sub>3</sub>, dynamic modelling of ecosystem recovery, interactions between air pollution, climate change, nitrogen fluxes and other stress factors for biodiversity and referred to in **section “E. Measured and modelled effects on natural ecosystems, materials and crops and assessment of human health effects”** of the core text.

## Thursday 22 April afternoon

13:30	–	14:00	Connection to the meeting / welcome / side discussions	Alice James C.
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### Progress on empirical Critical Load revision process

Chair: CCE

14:00 – 15:00	Current status of the revision of empirical Critical Loads for Nitrogen (CLempN)	
	General overview of the process	Christin Loran
	Chapter - Updating and reviewing procedure for CLempN	Roland Bobbink
	Chapter - Marine habitats (EUNIS class A)	Roland Bobbink
	Chapter - Coastal habitats (EUNIS class B)	Laurence Jones
	Chapter - Inland surface waters (EUNIS class C)	Christin Loran
	Chapter - Mires, bogs and fens (EUNIS class D)	Chris Field
	Chapter - Grasslands and lands dominated by forbs, mosses or lichens (EUNIS class E)	Carly Stevens
	Chapter - Heathland, scrub and tundra (EUNIS class S)	Leon v.d.Berg / Christin Loran
	Chapter - Woodland, forest and other wooded land (EUNIS class T)	Sabine Braun
Chapter - Area and aspects of application		Markus Geupel
15:00	–	15:15
Discussion on the process		All
15:15	–	15:30
Status and application of CLempN in the United States		Michael Bell

### Special focus on Gothenburg Protocol review (2/2)

#### – Focus on inputs foreseen from ICP M&M

Chair: CDM

15:30	–	15:45	PGP Document Item 2.8 : Modelling and Mapping community new scientific findings contributing to GP review	Filip Moldan
15:45	–	16:00	Discussion on the process	All
16:00	–	16:30	Specific issues relating to Dynamic Modelling activities	CDM / Magnus Norling
16:30	–	16:45	Adding Phosphorous to the C and N cycling in MAGIC	Jack Cosby
16:45	–	17:00	Brief Break	

### Special focus on Long Term Strategy review

Chair: Alice James Casas & CCE & CDM

17:00	–	17:15	Presentation of the process and state of play	Alice James C.
17:15	–	17:30	Discussions on the process	All

### WorkPlan 2022-2023

Chair: Alice James Casas & CCE & CDM

17:30	–	17:45	Preliminary proposals to be discussed	CCE & CDM
17:45	–	18:00	Discussion	All

*Please return any inputs or comments to all the following contact points:*

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