

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)**

37th Task Force Meeting, 28th CCE Workshop, and 2nd CDM Meeting

Web-conference, on Microsoft TEAMS

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

Times listed in UTC+2

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.

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	–	16:25	Update on recent CIAM activities	CIAM
16:25	–	16:50	On behalf of the Task Force on reactive nitrogen	Claudia Cordovil
16:50	–	17:00	Recent and relevant activities of the ICP vegetation	Felicity Hayes
17:00	–	17:10	Brief update on ICP IM activities	Maria Holmberg
17:10	–	17:20	ICP Waters status and progress	Kari Austnes
17:20	–	17:30	Update on recent activities from the ICP F	Ann-Katrin Prescher
17:30	–	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 (see item 2 of the Annex I table in the [document submitted by the Gothenburg Protocol review group to the WGSR in September 2020](#)):

** changes in exceedance of critical loads for acidification and eutrophication since last decades and projected changes (see questions 2.2)*

** expected impacts of new scientific findings on environmental and health effects assessments, e.g. on critical loads, critical levels of ozone, PM, NO₂ and NH₃, dynamic modelling of ecosystem recovery, interactions between air pollution, climate change, nitrogen fluxes and other stress factors for biodiversity (see questions 2.8)*

Thursday 22 April afternoon			
13:30	–	14:00	Connection to the meeting / welcome / side discussions
			Alice James C.

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	GPG 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	–	17:10	Presentation of the process and state of play
			Alice James C.
17:10	–	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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