

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)**

40th ICP M&M Task Force meeting and 31th CCE workshop**Tuesday 23th, Wednesday 24th and Thursday 25th April 2024****Hosted in Oslo (Norway)**

AGENDA (as of 9 April 2024) – all hours in CET

Tuesday 23 April

- **Registration from 8.30 to 9.00**
- **Opening session 9.00 am – 10.00 am**
 - Opening address by Chairs of TF and Centers (including housekeeping issues)
 - Opening by Torfinn Sørensen (Head of the Water Resources and Knowledge Department, Norwegian Environment Agency)
 - Keynote presentation by Thorjørn Larssen (Deputy Chief Executive Officer, NIVA) (20-30 min)
- **Feedback from ongoing activities and recent meetings under and outside CLRTAP (10.00 – 12.00 am)**
 - Recent development under the Convention by Anna Kaplina (Secretariat) (10 min)
 - Revision of the Gothenburg Protocol by Till Spranger (WGSR) (20 min)
 - Ongoing activities under Working Group on Effects (Jesper Bak) (20 min)
- **Coffee-Break (30 min)**
 - Overview on CCE ongoing and new activities (25 min)
 - Overview on CDM ongoing and new activities (15 min)
- **Lunch break (12.00 – 13.00)**
- **Contributions from other bodies of the convention to effect-oriented activities (13.00 – 14.30)**
 - i.e. other ICPs and any ICP M&M related works within EMEP subsidiary bodies
 - Update on ICP Waters (Heleen de Wit)
 - Update on ICP IM (James Kurén Weldon)
 - Update on ICP Veg (Felicity Hayes / Katrina Sharps)
 - Update on ICP Forests by Kai Schwärzel (PCC)
 - Update on CIAM with focus on GAINS and how CL will be reflected (tbc)
 - Short update on TFRN by Markus Geupel (EPNB)
 - Update on EMEP MSC-West by Hilde Fagerli (MSC-West)

Tuesday 23 April (continued)

- **Coffee break (30 min)**

- **NFC's contributions to effect-oriented activities and Tour de table (15.00 – 17.30)**

- Critical loads in Dutch policies (Arjen van Hinsberg)
- Update on the new critical loads for the Netherlands (Wieger Wamelink)
- Recent developments in Germany (Thomas Scheuschner)

Wednesday 24 April

- **Call for Data 2023/24 and CL_{emp}N (9.00 – 10.30)**

- Receptor map and application of CL_{emp}N update (CCE)
- Results of recent Call for Data (CCE)
- Brochure CL_{emp}N (CCE)
- Spanish receptor map for the use of empirical critical loads: methodology and exceedances (Tania Carrasco-Molina)

- **Coffee break (30 min)**

- **Upcoming Call for data 2024/25 regarding Steady State Critical Loads (11.00 am – 12.30)**

- What is planned, what is the update potential
- Review of SMB Critical Limits (Thomas Dirnböck)
- Climate Sensitivity of German Level II Plot Critical Loads (Steady State) (CCE)
- Part of the Call on Dynamic Modelling (CDM)

- **Lunch break (12.30 – 13.30)**

- **Scientific developments regarding Critical Loads & Critical Levels (13.30 – 15.00)**

- How bedrock and dominant tree species influence the understorey vegetation's response to nitrogen deposition (Tomáš Chuman)
- Follow up of the DOREN project - response curves for habitat types for nitrogen deposition (Wieger Wamelink)
- Approaches to map NH3 Critical Levels on the European Scale (CCE)
- Trends in UK atmospheric N pollution since 1960 and prospects for recovery (Ed Rowe)

- **Coffee Break (30 min)**

- **The Oslo fjord – environmental challenges and mitigation measures (Mats Walday, NIVA) (15.30 – 16.00)**

Social event

- Guided tour of modern Oslo along the fjord (17:00-19:00)
Urban development, city beaches and landmarks such as the Opera House, the Munch Museum and the new main library

- Dinner at Stock Restaurant (19:00)

Thursday 25 April

- **Surface waters critical loads and dynamic modelling (9.00 – 10.30)**
 - Overview, and recap on critical loads for acidification (Kari Austnes)
 - Empirical critical loads for water
 - o N effects in water and setting empirical critical loads (Heleen de Wit)
 - o Applying the empirical critical loads for water in Norway (Kari Austnes)
 - Dynamic modelling of surface water acidification – recent applications
 - o Applying MAGIC at Lake Langtjern and recent MAGIC developments (Heleen de Wit)
 - o Modelling 1000 Norwegian lakes with MAGIC
 - Discussion:
 - o How have the empirical critical loads for water been applied?
 - o Which countries consider surface water acidification to be an issue? Who will report critical loads for surface water acidification in the next call for data? Does anyone apply dynamic modelling? Which methods are used?
 - o How can effects of air pollution on surface waters be taken into account in the upcoming GP revision?

- **Coffee break (30 min)**

- **Summary and outlook session (11.00 – 12.30)**

- Wrap-up session (all)
- Workplan 2024-2025 (all)

- **Lunch (from 12.30)**



Presenters shall make sure to upload their presentation in advance of the meeting to the CCE-cloud: [Dateien - ownCloud \(uba.de\)](#) using the password: ICPMM2024+Oslo

For further details on the meeting:

Agenda issues :
Alice James - alice.james@ineris.fr
CCE – cce@uba.de

Practical issues, please contact :
Kari Austnes - kari.austnes@niva.no
Cathrine Brecke Gundersen - Cathrine.Brecke.Gundersen@niva.no