

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)**

**38th ICP M&M Task Force and 29th CCE meeting
Tuesday 3rd, Wednesday 4th and Thursday 5th May 2022**

Online meeting

**FINAL AGENDA (May 2022) with the final schedule
All times CEST**

*Please note the meeting will be recorded for reporting purpose.
Should you have any objection regarding the recording of your contribution, please contact us.*

TUESDAY 3 MAY (11 AM – 5.30 PM including breaks)

Opening session (11 AM – 12.30 PM)

– Chair: Alice James Casas & Markus Geupel

“Chapeau” session including policy relevant questions and WGE framework/activities

- Latest news from the Convention (Krzysztof Olendrzynski)
- Latest news from the WGE (Isaura Rábago)
- Update on the Science Strategy (Alice James Casas)
- Ongoing activities at CCE (Markus Geupel)
- Ongoing activities at CDM (Filip Moldan)

Lunch Break (12.30 – 1.30 PM)

**Contributions from other bodies of the Convention to effect-oriented activities
(1.30 PM – 3 PM)**

– Chair: Alice James Casas & Markus Geupel

- Forum for International Cooperation on Air Pollution (Sophie Standing)
- Update on ICP Waters activities (Kari Austnes)
- Update on ICP Forests activities (Anne-Katrin Prescher)
- Update on ICP Vegetation activities (Katrina Scharps)
- Update on ICP Integrated Monitoring activities (Thomas Dirnboeck)
- Update on CIAM activities (Maximilian Posch)

Coffee Break (3 – 3.30 PM)

NFCs' contributions to effect-oriented activities (3.30 – 5.30 PM)

– Chair: Alice James Casas & Markus Geupel

- Updating SMB critical loads in China (Duan Lei)
- Revising the UK receptor maps and atmospheric models used to calculate critical load and critical level exceedances (Ed Rowe)
- Application and Dissemination of Critical Loads in the United States (Emmi Felker-Quinn)
- NFCs “tour de table”

WEDNESDAY 4 MAY (11 AM – 5 PM including breaks)

Empirical Critical Loads: Overview on the process of review and revision (11 AM – 12.15 PM)

– Chair: Markus Geupel

- Presentation of the results (Roland Bobbink & Sabine Braun)
- Next steps before applicability of updated values (Markus Geupel & Alice James Casas)

Lunch Break (12.15 – 1.15 PM)

Steady-state Critical Loads for acidification and eutrophication (1.15 – 2.30 PM)

– Chair: Thomas Scheuschner

- Background database

- Preparation of Critical Loads status report 2022 including CL reports from NFCs (Thomas Scheuschner)
- Database accessibility to NFCs: technical exchanges on, and possible download of CL database (Thomas Scheuschner)

- Improving and discussion CL and critical limits

- Identification/implementation of climate-dependent variables in Critical Load Modelling using the SMB-Method (Jana Niebuhr)
- Revision of critical limits for SMB (Thomas Dirnböck & Karl Knaebel)

Coffee Break (2.30 – 3 PM)

Dynamic Modelling issues (3 – 5 PM)

– Chair: Filip Moldan

- Response curves and CL of habitat types for nitrogen deposition based on European data (Wieger Wamelink)
- Summary of the third meeting of the Centre for Dynamic Modelling (Filip Moldan)
 - C and N dynamics in soils, models and observations
 - Dynamic Modeling undertaken at ICPs
- Discussing inclusion of DM in the next Call for Data (in view of the WP 2024-2025)

THURSDAY 5 MAY (1.30 – 5 PM including breaks)

New & future scientific developments regarding Critical Loads & Critical Levels and contributions to GP review process (1.30 – 3.30 PM)

– Chair: Markus Geupel & Thomas Scheuschner

- Critical Levels for ammonia and oxidised Nitrogen
 - Feedback from the WS on NH₃ (Markus Geupel)
 - Update on NO_x Critical Level review – ICP Vegetation (Mike Perring)
- Use of updated background database for GP review process (Thomas Scheuschner)
- Protection of marine ecosystems: First results achieved under *ad hoc* group on protection of marine ecosystems (AMP) (Gudrun Schuetze)
- Update on current work on the receptor map (Steffen Gebhardt)
- Air pollution and biodiversity: Critical loads and other indicators and ways forward (Markus Geupel & Filip Moldan)

Coffee break (3.30 – 4 PM)

Wrap up session (4 – 5 PM)

– Chair: Alice James Casas & Markus Geupel

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