



- 1. Opening of the 27th ICP IM Task Force**
- 2. Approval of the agenda**
- 3. Approval of minutes from 26th IM TF**



4: Activities during 2018/19

- IM represented at 12 international meetings
- 4 scientific papers
- PC contributed to 2018 Joint WGE report
- IM participated in a joint coordinated exercise on dynamic modelling together with other ICPs
- Karin Eklöf suggested as new responsible person for Hg and HM issues



4: From 2018-20 Work Plan

Workplan item	Activity description/objective	Expected outcome/deliverable	Outcome
1.1.1.28	Long-term trends in atmospheric deposition and run-off water chemistry of S and N compounds at ICP Integrated Monitoring catchments in relation to changes in emissions and hydrometeorological conditions	Scientific paper (2018)	Vuorenmaa et al. 2018, STOTEN
1.1.1.29	Dynamic modelling on the impacts of future deposition scenarios on soil and water conditions in ICP Integrated Monitoring catchments	Scientific paper (2018)	Holmberg et al. 2018, STOTEN
1.1.1.30	Dynamic modelling on the impacts of deposition and climate change scenarios on ground vegetation	Report (2019)	Dirnböck et al. 2018 Env. Res. Letters
1.1.1.31	Relationship between critical load exceedances and empirical ecosystem impact indicators	Scientific paper (2019)	In progress



5: Discussions – break out groups

- a) Content of the new **WGE web site**. What should be mandatory to report for an overview of IM sites on the web site?
- b) Continued and intensified work on **ecosystem effects from mercury** and other heavy metals is a prioritised area. In which ways could ICP IM contribute with knowledge, data and research/assessment?
- c) In what ways could ICP IM **increase its cooperation with other ICPs**, particularly regarding dynamic modelling (all ICPs), **cause-effect relationships** in terrestrial systems (ICP Forests, ICP Vegetation), and surface waters (ICP Waters).
- d) In what ways could ICP IM **increase its cooperation with EMEP** (which is one priority in the CLRTAP Work Plan)?



5: Discussions – instructions

- a) Form smaller groups, 4-5 persons
- b) Each group selects a secretary
- c) Discuss each of the four questions
- d) Summarise discussion in short written points
- e) Reconvene in 1 hr
- f) Outcomes of the discussions will be brought up under agenda point 6



6: Work plan and future work priorities

The new WEG portal

Outcomes from the discussions...

Decision on mandatory contributions from IM

Suggestion: For 2019, a basic set of meta data for each IM site as mandatory, as asked for by the web page group in May 2019

To be continued at the TF in 2020.



6: Work plan and future work priorities

Suggested reports or papers

- Relationship between critical load exceedances and empirical ecosystem impact indicators
- Hg and HM state, trends and fluxes at the ICP IM sites
- Impacts of internal catchment-related nitrogen parameters to TIN leaching
- Effects of N enrichment on forest vegetation. A co-operation between ICP IM and ICP Forests.
- Recovery in the epiphytic lichen community after the abatement of S deposition.
- Preliminary: Climate change effects in understory vegetation, test of new indicator concept developed by LTER Europe



6. Cooperation with other ICP:s and other future projects and cooperation

Share and discuss outcomes of the group discussion

- inclusion of new tasks in the short-term or more long-term work-plan
- the role of ICP IM in relation to multi-effects evaluations and global change related topics, and how this work should be coordinated
- how IM can make further use of EMEP data



6. The NEC Directive

Information:

The EU has approved the new directive on national emission ceilings (2016/2284).

Article 9 and Annex V of the directive contains instructions on reporting of ecosystem effects. Work of the ICPs is directly referred to.

By 1 July 2019 Member States must report the first set of monitoring data measured at these sites.



6. LTER Europe - Information

In 2018 LTER Europe was included on the ESFRI Roadmap for recognised infrastructures for important research in Europe.

Discussions about a formal cooperation between WGE and eLTER has started



7. Financing/external applications

- Financed via national contributions and the Trust Fund.
- Some key actions of the EU Horizon 2020 framework programme are open for research proposals.
- The NFPs may report on any progress in this field.



8. Data submission and database status

Will be reported by Sirpa Klemola



9. Next task Force meeting

Decision on location will be taken later



10. Other business

11. End of meeting