

ICP IM

Future plans

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SWEDISH ENVIRONMENTAL
PROTECTION AGENCY



ICP IM draft work plan 2018-19

1. Reoccurring standard activities

Activity	Time frame	Responsible
ICP IM Task Force meeting 2019	tbd	IM chair and programme centre, NFP contributions
Submission of quality controlled results for year 2017	December 2018	National Focal Points
Submission of quality controlled results for year 2018	December 2019	National Focal Points
ICP IM Annual Report 2019	2019	Programme Centre in collaboration with NFPs
Reporting of ICP IM activities to WGE	2018 and 2019	Programme Centre and Chair

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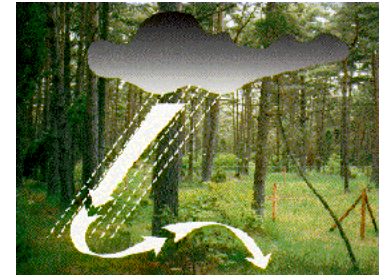
2. Cooperations and reports

Activity	Time frame	Responsible
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).	Tbd. TF meeting	According to decisions at the TF meeting
Cooperation with external organisations (International Long Term Ecological Research Network ILTER, GEO BON). Progress reports.	2019	Programme Centre and NFPs, eLTER EU-project activities
Develop concepts for multi pollutant – multi effect relationships (NO_x, O₃, acidity, heavy metals, POPs, etc). Progress reports/contributions to Annual Report OR presentations in Workshop	2019	Voluntary activities at National Focal Points
Report on dynamic modelling on the impacts of deposition and climate change scenarios on ground vegetation	2019	Programme Centre and NFPs of Austria and Sweden

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3. Scientific papers

Activity	Time frame	Responsible
Scientific paper on dynamic modelling on the impacts of future deposition scenarios on soil and water conditions in ICP IM catchments (in review)	2018	Programme Centre and NFPs
Scientific paper on the relationship between critical load exceedances and empirical ecosystem impact indicators	2019	Programme Centre and NFPs of Austria and Sweden
Scientific paper on HM trends in concentrations and fluxes across ICP IM sites in Europe, cooperation with ICP Waters	2019	Programme Centre and individual researchers
Scientific paper on the impacts of catchment characteristics, climate and hydrology on N processes	2019	Programme Centre and individual researchers



Scientific Strategy ICP IM

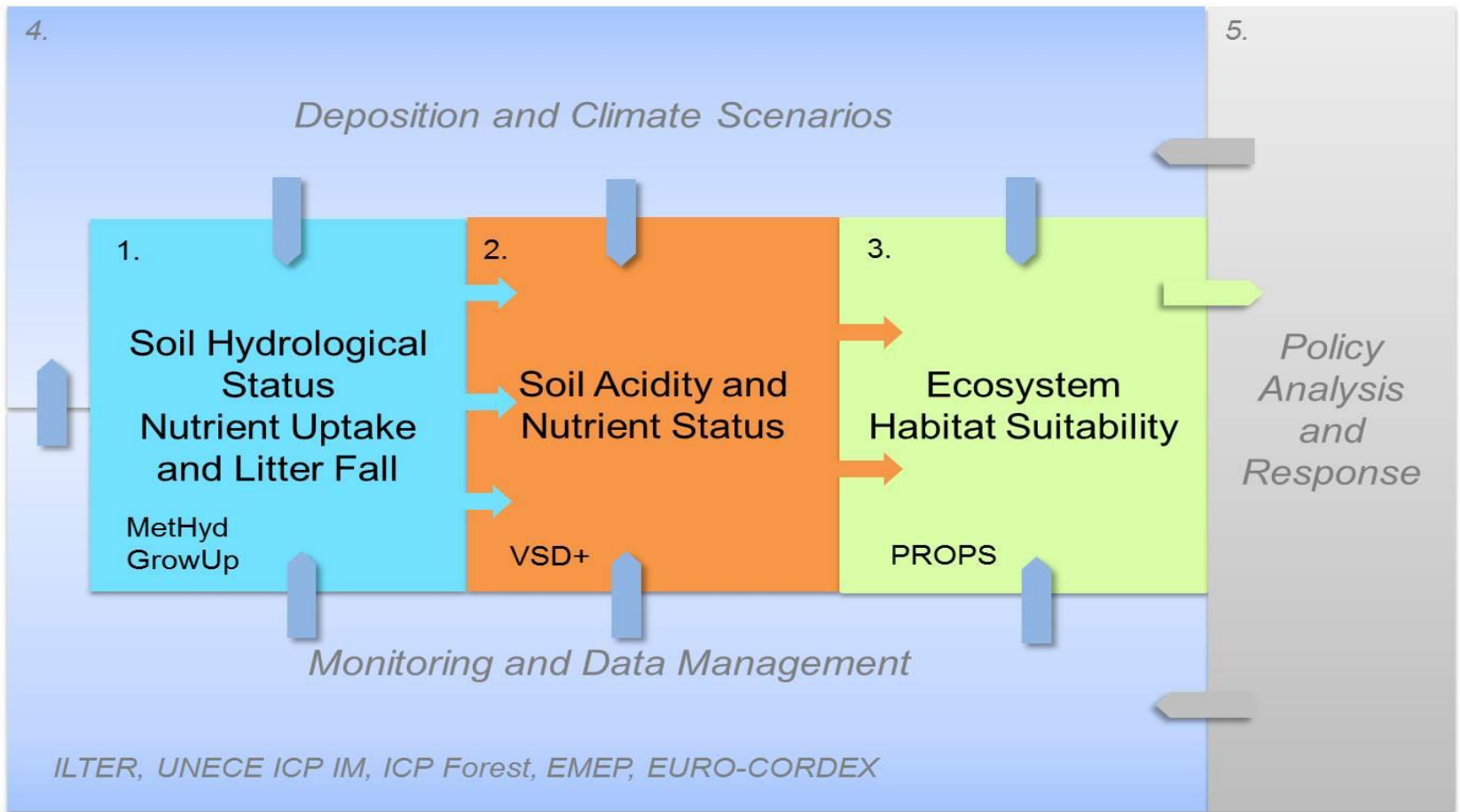


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Highlights of proposed updates to the long-term
strategy for the Convention on Long-range
Transboundary Air Pollution

*Ozone-nitrogen-climate-biodiversity
interactions; para. 24*

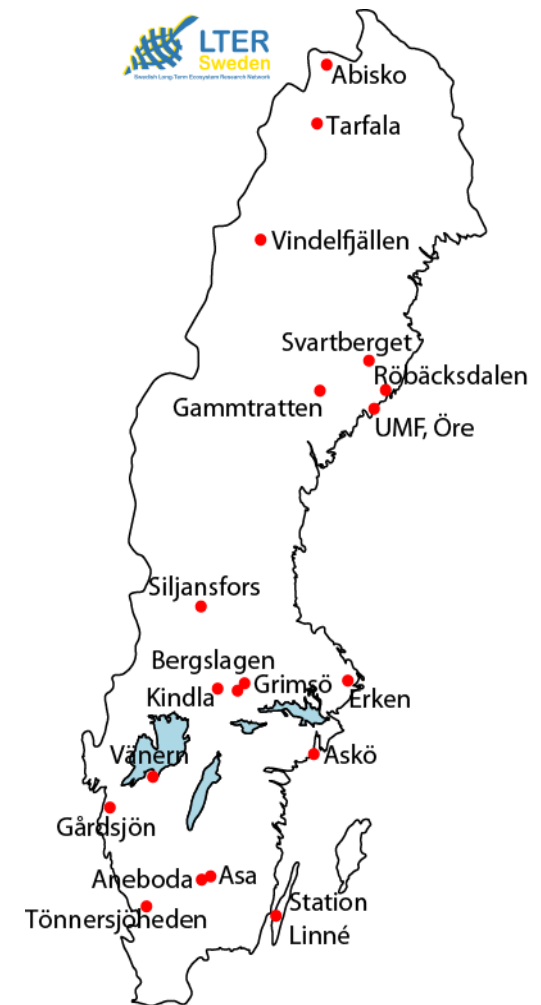
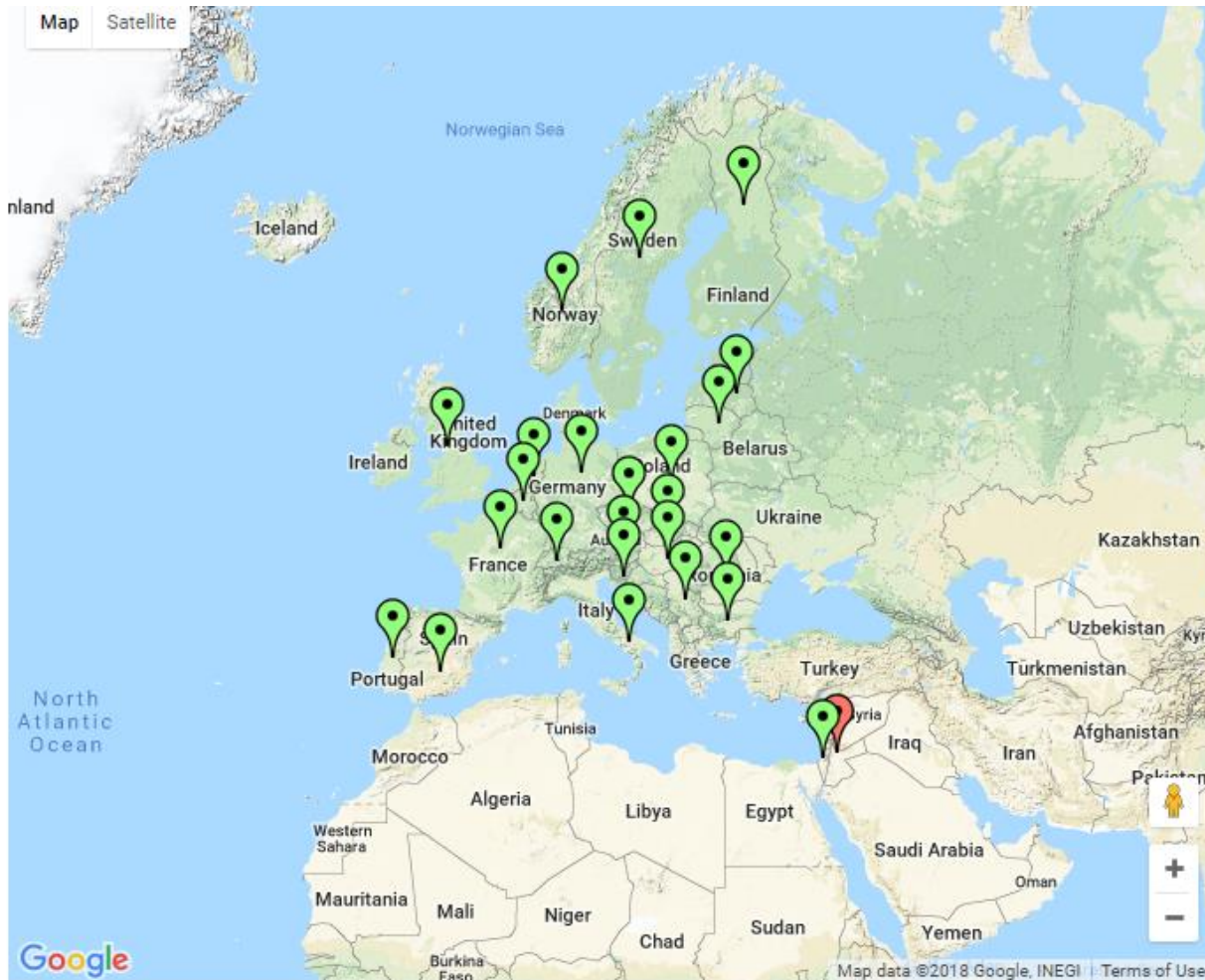


Highlights of proposed updates to the long-term strategy for the Convention on Long-range Transboundary Air Pollution

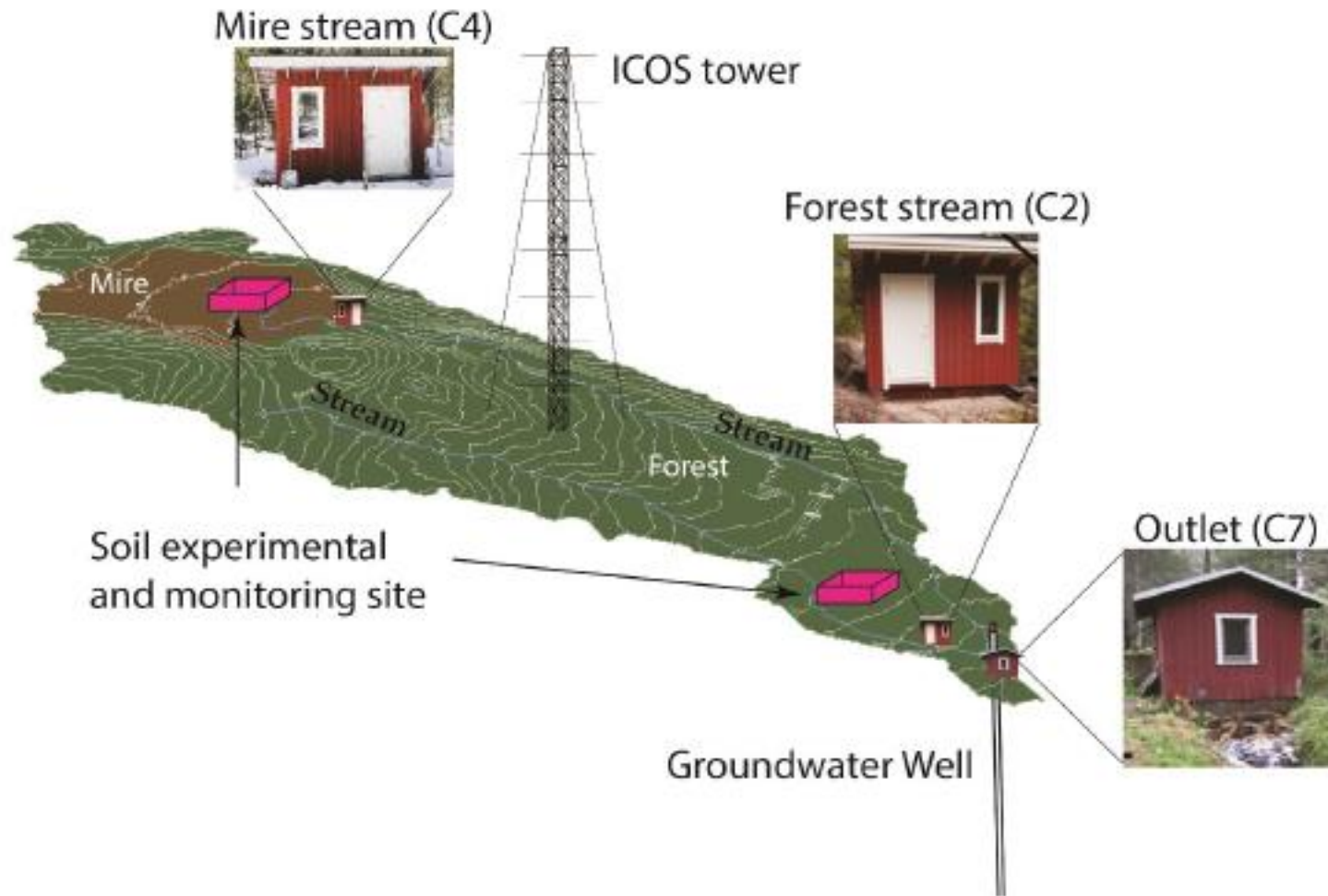
... It is recommended that the work under the Convention take every opportunity to make monitoring networks serve multiple clients (national and international)

para. 28

most IM sites part of the LTER network



The Svartberget Catchment



Above: The Svartberget catchment (C7) is the centre of Krycklan

ICP IM provided expertise and handbook

**Ecosystem monitoring under Article 9 and Annex V of Directive 2016/2284
(NECD)**

Draft Guidance

ICP IM and Waters provided data for Minimata convention

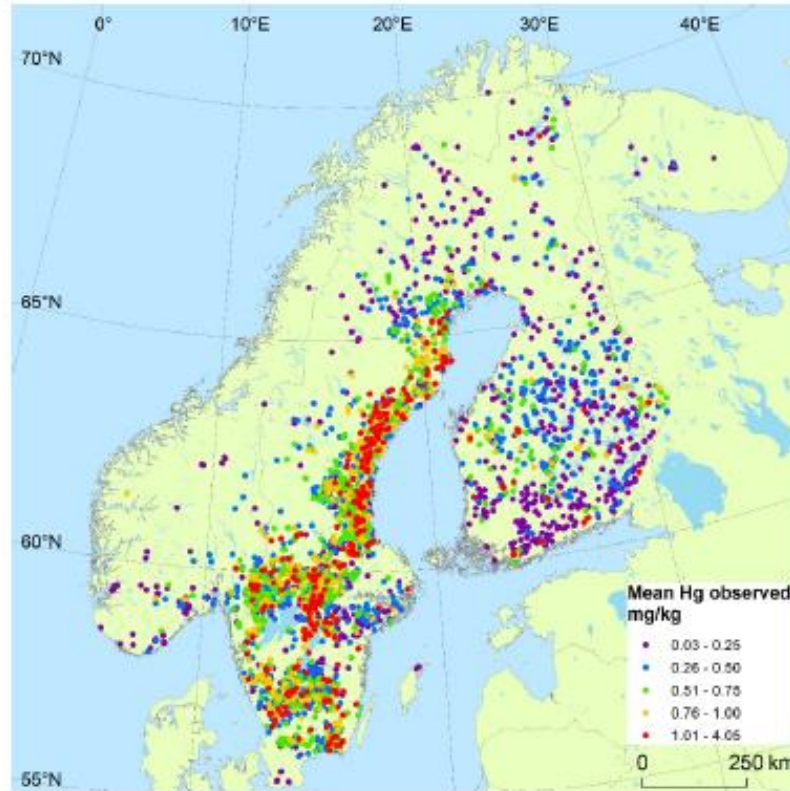


Figure 12 Median observed fish Hg concentrations per lake in the complete data set (1965-2015). Measurements are grouped based on concentration levels and include all the five main fish species, Arctic charr, brown trout, perch, pike and roach.