



Introduction to the WGE Scientific Strategy update with respect to the Long-Term Strategy (LTS) for the Convention – ICP M&M topics

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ICP Modelling & Mapping Meeting
Web-Conference, 21 - 23 April 2020



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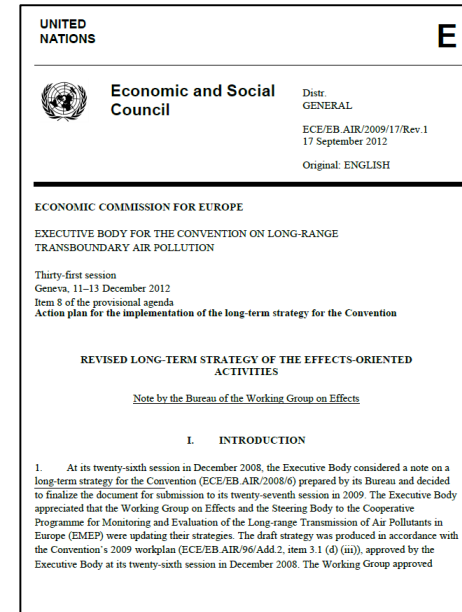
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Long-Term Strategy of effects-oriented activities 2010–2020 (1/3)

General background and content

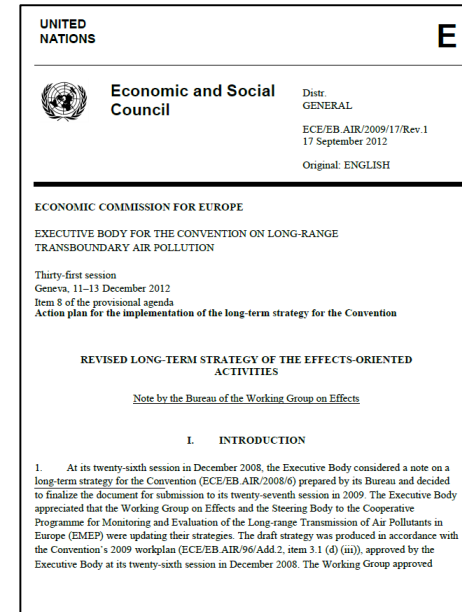
- » ECE/EB.AIR/2009/17/Rev.1
- » http://www.unece.org/fileadmin/DAM/env/documents/2013/air/wge/Informal_document_no_18_Revised_Long-term_Strategy_of_the_effects-oriented_activities_clean_text.pdf
- » Was adopted in 2009
- » Valid 2010-2020
- » Science based policy development, strength of the convention
- » New issues determined at that time:
 - Interaction with climate change, biodiversity, land-use change
 - Reach out to EECCA and SEE and on a hemispheric or even global scale
- » **EMEP/WGE 2020 Objective : to review and join scientific strategies based on the revised 2018 LTS of convention**



General content

» Distinguishes the following sections:

1. Introduction
2. Objectives
3. Long-term priorities
4. Methods → reference to the Guidelines on the monitoring and modelling of air pollution effects
5. Organization → reference to cooperation, including JEG
6. Summary & vision



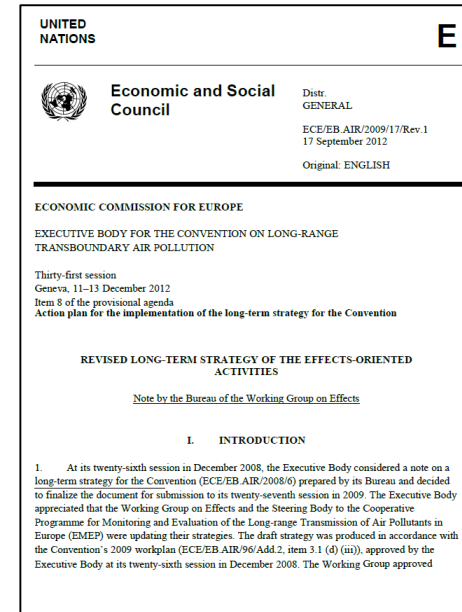
ICP Modelling & Mapping relevant content

» Focus on :

- Nutrient nitrogen and acidifying air pollutants
- Biodiversity, climate change, land-use change

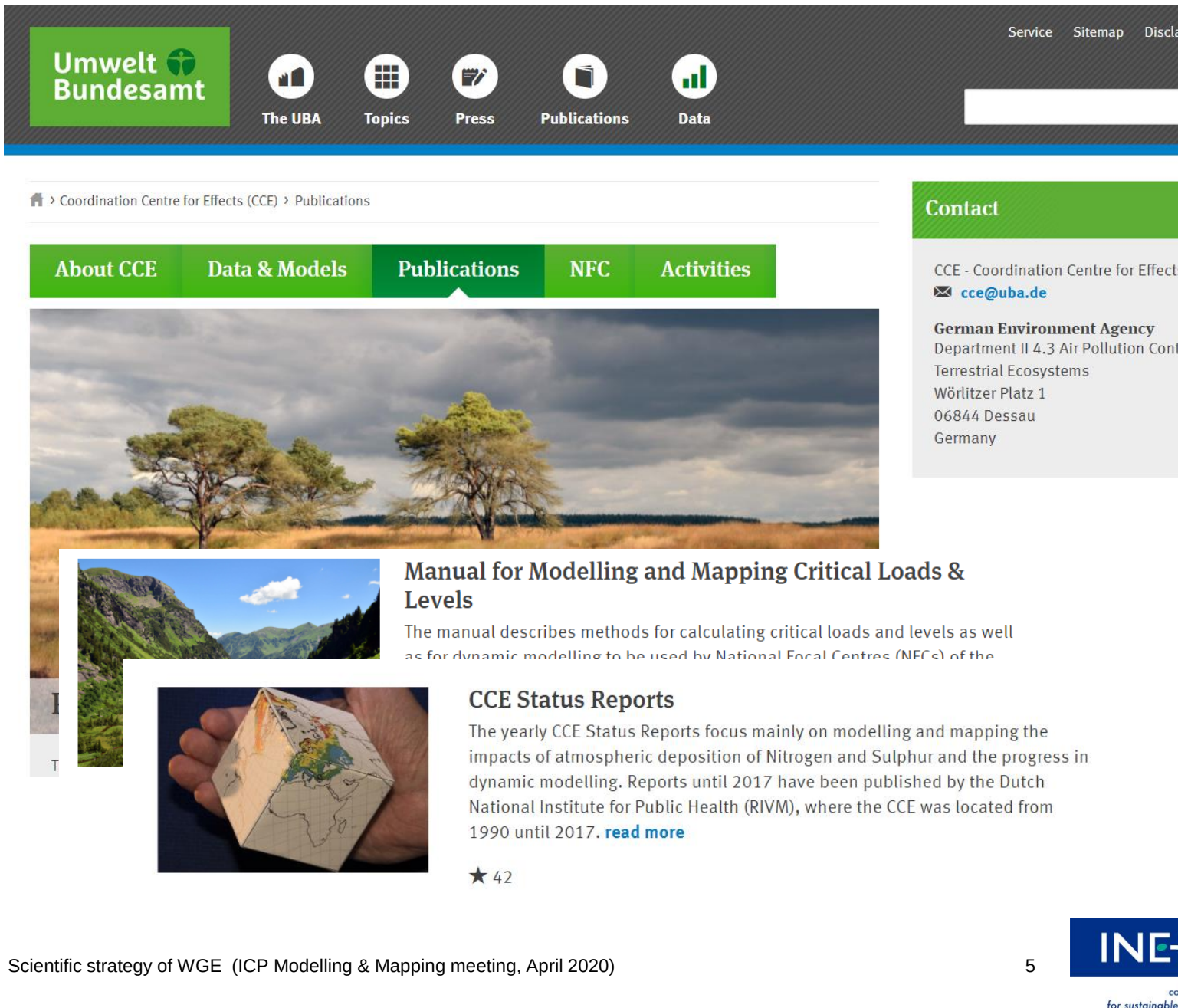
» Objectives and Long-Term Priorities : assessment, development and provision of:

- Quantitative policy-relevant information on user-friendly indicators
- Status, trends, dynamics of risks, damage and recovery
- Dose-response relationships for chemical and biological effects, and associated Critical loads, levels and limits and effects on ecosystems' functioning and biodiversity
- Modelling & mapping procedures including robustness assessments and validation of models



Scientific work with contribution of ICP M&M

In compliance with the LT Strategy of effect oriented activities (2012)



The screenshot shows the website of the German Environment Agency (Umwelt Bundesamt). The top navigation bar includes links for Service, Sitemap, Disclaimers, and Privacy policy. Below this is a main menu with icons for The UBA, Topics, Press, Publications, and Data. The 'Publications' section is active, displaying a list of publications. The first publication is 'Manual for Modelling and Mapping Critical Loads & Levels', which is described as a manual for calculating critical loads and levels for dynamic modelling. The second publication is 'CCE Status Reports', which focus on modelling and mapping the impacts of atmospheric deposition of Nitrogen and Sulphur. A third publication, 'Critical Loads and Dynamic Risk Assessments', is shown as a book cover on the right side of the page.

Umwelt Bundesamt

The UBA Topics Press Publications Data

Service Sitemap Disclaimers Privacy policy

Home > Coordination Centre for Effects (CCE) > Publications

About CCE Data & Models Publications NFC Activities

Manual for Modelling and Mapping Critical Loads & Levels

The manual describes methods for calculating critical loads and levels as well as for dynamic modelling to be used by National Focal Centres (NFCs) of the

CCE Status Reports

The yearly CCE Status Reports focus mainly on modelling and mapping the impacts of atmospheric deposition of Nitrogen and Sulphur and the progress in dynamic modelling. Reports until 2017 have been published by the Dutch National Institute for Public Health (RIVM), where the CCE was located from 1990 until 2017. [read more](#)

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Contact

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Critical Loads and Dynamic Risk Assessments
Nitrogen, Acidity and Metals in Terrestrial and Aquatic Ecosystems
Wim de Vries
Jean-Paul Hettelingh
Maximilian Posch
Editors
Springer

INERIS
controlling risks
for sustainable development

Umwelt Bundesamt

ivl
Swedish Environmental Research Institute

Questions for discussion with NFC

- » What are the main scientific tasks for ICP M&M in the next 10 years and beyond ?
- » What are our main realistic objectives (continuation and changes) ?
- » What are our most successful methods and tools ?
- » Important (new?) partners for cooperation and in WGE, in the CLRTAP and beyond ?
- » How do we communicate our results, challenges and policy-relevant information?
- » Any other issues beyond current priorities ? (e.g. lack of data regarding non-forests ecosystems which are of high importance for monitoring and modelling the air pollution impact on biodiversity)