

ICP M&M issues

- Call for data
- ICP M&M meetings in Zagreb hosted by Sonja Vidic, Meteorological and Hydrological service of Croatia
- “Critical loads and Dynamic Risk Assessments”

Call for data 2014-2015

- TF M&M 2014: Request by Parties ; preliminary info. letter issued by CCE to NFCs
- WGE, 2014: Call adopted by Parties
- October 2014: call issued
- Deadline: 23 March 2015

2. *Aims of the Call for Data*

The aims of the Call for Data are:

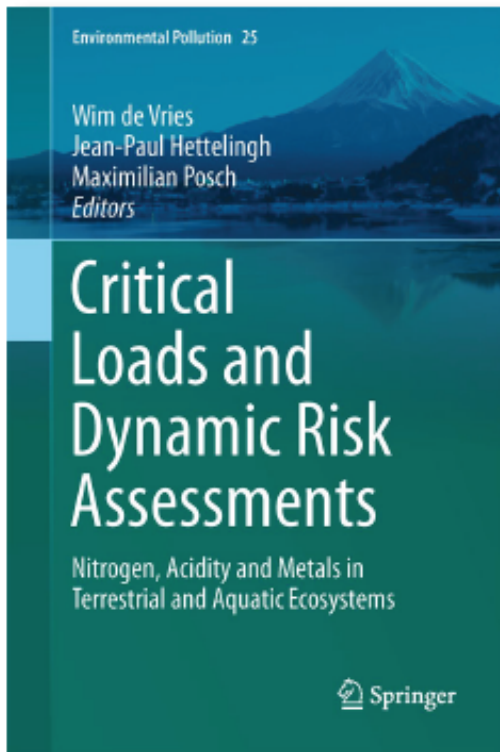
- (a) To adapt the critical load database to the $0.50^\circ \times 0.25^\circ$ and $0.1^\circ \times 0.1^\circ$ longitude-latitude grids, used by EMEP, to ensure compatibility of the European critical loads database with these new EMEP grid resolutions;
- (b) To offer the possibility to NFCs to update their national critical load data on acidity and eutrophication;
- (c) Apply novel approaches to calculate nitrogen and sulphur critical load functions taking into account their impact on biodiversity. For this, National Focal Centres are encouraged to use the 'Habitat Suitability Index' (HS-index) agreed at the M&M Task Force meeting.

ICP M&M meetings, Zagreb 20-23 April 2014

Hosted by Meteorological and Hydrological Service of Croatia,
organised by Sonja Vidic.

- Topic 1: Results of the call for data 2014-2015
- Topic 2: National and NFC contributions to effect based work under LRTAP, ECLAIRE and other research programmes
- Topic 3: Common ICP-M&M, IUCP-V and FP7-ECLAIRE session
- Topic 4: Status of collaboration under LRTAP Convention
- Topic 5: Training Session on M&M issues and AERIUS
- Topic 6: ICP M&M workplan

Poster session in the coffee breaks



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Printed book

Hardcover

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Critical Loads and Dynamic Risk Assessments

Nitrogen, Acidity and Metals in Terrestrial and Aquatic Ecosystems

Series: Environmental Pollution, Vol. 25

- ▶ **Unique complete overview of research methods assessing critical loads and dynamic risk assessments of air pollutants**
- ▶ **Addresses all relevant air pollutant impacts, i.e. acidification, eutrophication and metal pollution**
- ▶ **Includes most recent developments including risks on soil and water chemistry and on biodiversity under climate change**

This book provides a unique overview of research methods over the past 25 years assessing critical loads and temporal effects of the deposition of air pollutants. It includes critical load methods and applications addressing acidification, eutrophication and heavy metal pollution of terrestrial and aquatic ecosystems. Applications include examples for each air pollution threat, both at local and regional scale, including Europe, Asia, Canada and the US. The book starts with background information on the effects of the deposition of sulphur, nitrogen and heavy metals and geochemical and biological indicators for risk assessments. The use of those indicators is then illustrated in the assessment of critical loads and their exceedances and in the temporal assessment of air pollution risks. It also includes the most recent developments of assessing critical loads and current and future risks of soil and water chemistry and biodiversity under climate change, with a special focus on nitrogen. The book thus provides a complete overview of the knowledge that is currently used for the scientific support of policies in the field of air pollution control to protect ecosystem services.

Seminar incl. forum discussion, Wageningen (NL), 27 May 2015