

National Institute for Public Health
and the Environment
Ministry of Health, Welfare and Sport

> Return address P.O. Box 1 3720 BA Bilthoven The Netherlands

ICP Modelling and Mapping of Levels & Loads, and Air
Pollution Effects, Risks and Trends
National Focal Centre

Date 17 April 2014

Subject Call for data on critical loads and biodiversity indicators

Dear Madam or Sir,

Following the 24th CCE workshop and the 30st Task Force on Modelling and Mapping (Rome, 7-10 April 2014), the CCE is pleased to send you a pre-announcement of a "call for data on critical loads and biodiversity indicators" to be issued after adoption by the Working Group on Effects (WGE) at its 33rd session (Geneva 18-19 September 2014). This letter is to inform your WGE delegates of this call for data to be issued in case of a WGE adoption.

This new call for data to be adopted by the WGE with the aim to:

- adapt the critical load database to the new 0.50° x 0.25° longitude-latitude grid used by EMEP;
- offer the possibility to NFCs to update their national critical load data with a novel approach to calculate sulphur and nitrogen critical load functions taking into account their impact on biodiversity, proposed by the CCE.
- Respond to the policy demand of special emphasis on biodiversity.

The call will be organised so that three levels of responses may be possible:

- 1- Basic: Convert existing critical loads to **0.10°x0.05° Lon-Lat-grid** and the corresponding critical loads for acidity and the critical loads for nutrient N to a 4-point N & S critical load function
- 2- Intermediate: Update critical loads, considering including a biodiversity indicator before performing 1.
- 3- Advanced: Use (steady-state or dynamic) biodiversity model to derive N & S critical load functions before performing 1.

It is emphasized that this ICP M&M task responds to the requirements of the LRTAP Convention's Long-Term Strategy (ECE/EB.AIR/WG.5/2010/17) and of the workplan 2014-2015, as adopted by the Executive Body in December 2013. The critical loads based biodiversity indicators are developed so that they can be used in integrated assessment modelling.

I look forward to the support of your delegate in the WGE and to your future participation in this call for data.

With kind regards,

Dr. Jean-Paul Hettelingh
Head, Coordination Centre for Effects (CCE)
located at RIVM (www.wge-cce.org)

A. van Leeuwenhoeklaan 9
3721 MA Bilthoven
P.O. Box 1
3720 BA Bilthoven
The Netherlands
www.rivm.nl

CoC Utrecht 30276683

T +31 30 274 91 11

F +31 30 274 29 71

info@rivm.nl

Our reference

151/12 CMM/LE-CCE

Seen by

Dr. Jean-Paul Hettelingh
Head, Coordination Centre for
Effects at RIVM

T +31 30 274 3048

F +31 30 274 4433

jean-paul.hettelingh@rivm.nl

Cc

Ext. Bureau WGE; EC-DGENV,
chair EB, WGSR, TFIAM

Enclosure

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