

Data set description template

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General Information

- EMEP is the *European Monitoring and Evaluation Programme* within the *Convention on Long-Range Transboundary Air Pollution* (CLRTAP)
- EMEP consists of several research centers distributed over Europe that focus on different aspects of air pollution
- for model data see for details: http://emep.int/mscw/index_mscw.html
- for measurement data see for details: <http://ebas.nilu.no>

Data source

- EMEP programme, reporting of 2016
- source: http://thredds.met.no/thredds/catalog/data/EMEP/2016_Reporting/catalog.html
- if they rename it, look here: <http://thredds.met.no/thredds/catalog.html>
- overview page: http://emep.int/mscw/index_mscw.html

Variables:

raw data ('org' folder):

- wet and dry deposition of
 - oxidized nitrogen
 - reduced nitrogen
 - oxidized sulfure
- precipitation
- ground level concentrations of some air pollutants

processed data:

- wet, dry, and total deposition of

- oxidized nitrogen
- reduced nitrogen

documentation of data processing

- interpolate data onto another grid
- remove some variables
- split it into daily files

The scripts for processing the data are located in the /data/atmdep/EMEP_2016_reporting/scripts_HBM-ERGOM folder

- interpolate data: process_emep_grid_v0.1.sh
- split data into daily files: extract_emep_daily_dep_v0.1.sh

For linking to files with yyyyddd (day of year; no month) names use the scripts in /data/atmdep/EMEP_2016_reporting/scripts_dayOfYear_2_yyyymmddhh:

- idea: have the files with 'yyyyddd' names but create links with 'yyymmdd', which point to the 'yyyyddd' files; link_dating.sh

time span

- temporal coverage: 2000 to 2013
- daily average values

regional coverage

- North and Baltic Sea
- Europe
- 50 x 50 km² spatial grid resolution

data gaps

- none

place of storage

- original data: /data/atmdep/EMEP_2016_reporting/org
- processed data (for HBM-ERGOM): /data/atmdep/EMEP_2016_reporting/hbm-ergom

data security strategy

- NONE
- data are currently stored at HLRN; I will write them onto tape there; when I leave, my account is removed and the data deleted

How to cite?

- EMEP Status Report 1/2016, "Transboundary particulate matter, photo-oxidants, acidifying and eutrophying components", Joint MSC-W & CCC & CEIP Report, [[http://emep.int/publ/reports/2016/EMEP_Status_Report_1_2016.pdf][EMEP_Status_Report_1/2016 (pdf 55 MB)]

Keywords

DELETE ALL KEYWORDS WHICH DO NOT MATCH!

precipitationKW

nutrientKW

balticseaKW northseaKW

surfaceKW

depositionKW

Comments



-- [Daniel Neumann - 2017-08-07](#)

This topic: Data > [WebHome](#) > [DataSetsNew](#) > AtmosphericDeposition_EMEP2016

Topic revision: r1 - 2017-08-07 - DanielNeumann

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