



Access to Emissions Distributions and Related Ancillary Data through the ECCAD database

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The ECCAD (Emissions of atmospheric Compounds & Compilation of Ancillary Data) database provides a user-friendly access to global and regional surface emissions for a large set of chemical compounds and ancillary data (land use, active fires, burned areas, population, etc.) at a 0.5x0.5 or 1x1 degree resolution. ECCAD is the emissions database of the GEIA (Global Emissions Initiative) project and a sub-project of the French Atmospheric Chemistry Data Centre Ether (CNES and CNRS).

ECCAD has currently more than 1700 users originating from more than 70 countries. The project benefits from this large international community of users to expand the number of emission datasets available.

ECCAD provides detailed metadata for each of the datasets and various tools for data visualization, for computing global and regional totals and for interactive spatial and temporal analysis. The data can be downloaded as interoperable NetCDF CF-compliant files, i.e. the data are compatible with many other client interfaces. ECCAD will soon allow to handle any resolution grid and geographical coverage.

The presentation will provide information on the datasets available within ECCAD, as well as examples of the analysis work that can be done online through the website: <http://eccad.pole-ether.fr> (eccad@sedoo.fr).