

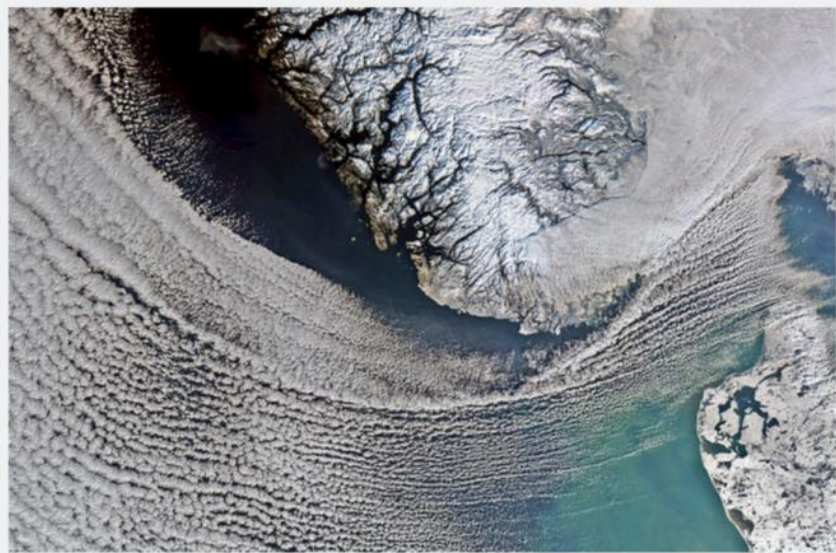
EVDC - ESA atmospheric Validation Data Centre

The ESA Validation Data Centre (EVDC) serves as a central, long-term repository in Europe for archiving and exchange of correlative data for validation of atmospheric composition products from satellite platforms. EVDC builds on the previous ENVISAT Cal/Val database system in operation at NILU since the early 2000s, and provides tools for extraction, conversion and archival of a large amount of EO data. The objective of the EVDC is to provide an online information system that supports users in managing and exploiting campaign datasets for Earth Observation missions and applications.

The database helps as a tool to monitor the quality and availability of the data provided by the data acquisition teams contracted by ESA, and it aims to support field campaigns over various seasons and latitudes.

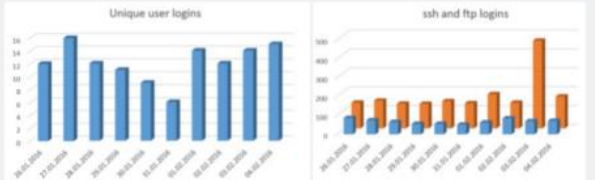
To facilitate exchange of validation data among investigators and missions a common effort between the GEOMS group that consists of representatives of NASA, ESA, the NDACC and related universities and organizations, has led to a set of harmonized guidelines, The Generic Earth Observation Metadata Standard (GEOMS) guidelines. EVDC is fully compatible with GEOMS.

Through collaboration with the ECMWF, EVDC is providing access to daily updated analyses and forecast data files of global gridded meteorological parameters.



News and information

5 February 2016: As the MATCH campaign proceed, user statistics shows increased activity on the server.



21 January 2016: The MATCH campaign is ongoing. Data are uploaded to zardoz on a daily basis.

15 October 2015: Data from AVDC and NDACC are mirrored to EVDC on a daily basis.

<http://evdc.nilu.no>

Cal/Val Data from ESA missions – in preparation for Sentinel-5P and ADM-Aeolus

ACTRIS Data Centre - an atmospheric data portal

HOME DATASETS PRODUCTS AEROCOM HELP ACTRIS-INSITU (7 files) User Manual | About

Online analysis and plotting of ACTRIS data Data discovery and download across data archives

Variables [113] Only ACTRIS Variables:

- [ALL]
- aerosol:absorption:coefficient
- aerosol:backscatter:coefficient
- aerosol:backscatter:coefficient:hemispheric
- aerosol:backscatter:ratio
- aerosol:depolarisation:coefficient
- aerosol:depolarisation:ratio
- aerosol:extinction:coefficient
- aerosol:extinction:ratio
- aerosol:optical:depth

Locations [1167]

- [ALL]
- Abastumani
- Aberystwyth
- Abisko
- Abracos hill
- Abu.al.bukhoosh
- Abu.dhabi
- Acadia national park-Mc.Farland.hill
- Achenkirch
- Addison pinnacle

CEOS Committee on Earth Observation Satellites

Viewing Earth Serving Society

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Metadata harvesting from and to ACTRIS and CEOS

