

EARLINET – ASOS

NA6: Database construction and operation

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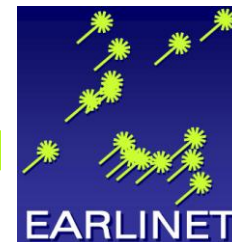
Hamburg, Germany

Holger.Linne@zmaw.de



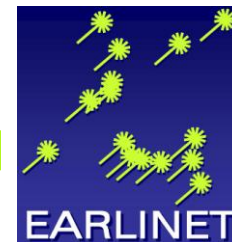
NA6: Contributing partners

- **AUTH** – Aristotle University of Thessaloniki, Thessaloniki, Greece
- **CNR-IMAA** – Consiglio Nazionale delle Ricerche - Istituto di Metodologie per l'Analisi Ambientale, Potenza, Italy
- **IFT** – Leibniz Institut für Troposphärenforschung e. V., Physics department, Leipzig, Germany
- **LMU** – Ludwig-Maximilians-Universität Muenchen, Meteorologisches Institut, Department of Physics, Munich, Germany
- **MPIMet** – Max- Planck-Institut für Meteorologie, Hamburg, Germany
- **NILU** – Norsk Institutt for Luftforskning, Norwegian Institute for Air Research at the Polar Environmental Centre, Tromsø, Norway
- **NTUA** – National Technical University of Athens, Mathematics and Physical Sciences, Athens, Greece
- **UP** – Universität Potsdam, Institute of Mathematics, Potsdam, Germany



Outline

- What is in the database ?
 - File format & content
 - Classification of measurement
 - Publication scheme
- Connection to the world ...
- Future work
- A few actual numbers about the status of the database
- The public user interface
 - Access to the data
 - Download
 - Display
 - Data policy agreement
- The internal user interface for maintenance

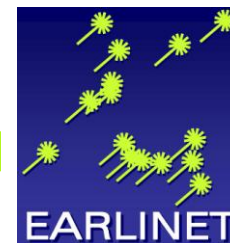


File format and content

- The EARLINET database stores only quantitative information in netCDF – files.
 - Only quantitative data are stored (no pr^2 !).
 - No quicklooks in form of plots of attenuated backscatter are stored.
- The files are created by the individual Institutions.
- During upload to the database, the files are checked for technical correctness. Incorrect files are rejected immediately.
- The files are delivered to the endusers as they are. No reformatting is done by the database system.
- The file format is defined for single profiles as well as timeseries of profiles.

File format and content

```
netcdf mandatory {  
dimensions:  
    Length = UNLIMITED ; // (5 currently)  
// global attributes:  
    :System = "MPI UV-system" ;  
    :Location = "Lindenberg, Germany" ;  
    :Longitude_degrees_east = 12.345 ;  
    :Latitude_degrees_north = 54.321 ;  
    :Altitude_meter_asl = 123 ;  
    :EmissionWavelength_nm = 351 ;  
    :DetectionWavelength_nm = 351 ;  
    :DetectionMode = "analog" ;  
    :ZenithAngle_degrees = 0 ;  
    :ShotsAveraged = 10000 ;  
    :ResolutionRaw_meter = 15 ;  
    :ResolutionEvaluated = "60 m up to 1000m, 500 m above" ;  
    :StartDate = 19970701 ;  
    :StartTime_UT = 130000 ;  
    :StopTime_UT = 133000 ;  
    :EvaluationMethod = " Fernald" ;  
    :InputParameters = "ref. value 1.e-7 1/(m*sr) at 6800 m" ;  
    :Comments = "do not believe these dummy data!" ;
```



File format and content

variables:

```
float Altitude(Length) ;  
    Altitude:units = "m" ;  
    Altitude:long_name = "Height above sea level" ;  
float Backscatter(Length) ;  
    Backscatter:units = "1/(m*sr)" ;
```

*in b-files
or*

```
float Extinction(Length) ;  
    Extinction:units = "1/m" ;
```

in e-files

File format and content

All (mandatory and optional) variables:

```
float Altitude(Length) ;  
    Altitude:units = "m" ;  
    Altitude:long_name = "Height above sea level" ;  
float DustLayerHeight ;  
    DustLayerHeight:units = "m" ;  
    DustLayerHeight:long_name = "Top of dust layer above sea level" ;  
float MixingLayerHeight ;  
    MixingLayerHeight:AltitudeUnits = "m" ;  
    MixingLayerHeight:long_name = "Top of mixing layer above sea level" ;  
float Backscatter(Length) ;  
    Backscatter:units = "1/(m*sr)" ;  
float Extinction(Length) ;  
    Extinction:units = "1/m" ;  
float Depolarisation(Length) ;
```

File format and content

```
float ErrorBackscatter(Length) ;  
    ErrorBackscatter:units = "1/(m*sr)" ;  
float ErrorExtinction(Length) ;  
    ErrorExtinction:units = "1/m" ;  
float ErrorDepolarisation(Length) ;  
float WaterVaporMixingRatio(Length) ;  
    WaterVaporMixingRatio:units = "g/kg";  
float ErrorWaterVapor(Length) ;  
    ErrorWaterVapor:units = "g/kg" ;
```


File format and content

The users may introduce new Variables to the netcdf – files.
For this he has to define a variable name starting with 2 underlines.
He should also include a long name for this variable to explain the
Meaning
These variables are not supported by EARLINET and are never checked
For meaning or correctness.

```
float __GroundTemperature;  
__GroundTemperature_long_name = "Temperature in 5m Height";  
__GroundTemperature:units = "degC";
```

Classification of measurements

During upload to the database, the users can specify the file to belong to a special event. Special events currently used in the database are:

climatol	rotine measurements establishing the climatology
sahadust	Saharan dust events
forfires	forest fires
photosmog	photochemical smog events
dicycles	studies of the diurnal cycle
stratos	special stratospheric measurements
rurban	studies of the differences rural/urban aerosols
etna	studies of the eruption of mount Etna
cirrus	files containing cirrus clod observations
calipso	files containing correlative measurements to Calipso overpasses

Since April 2010 the category „etna“ is used for all volcano-events. It will be changed to „volcano“ soon.

Publication scheme

It has been agreed on the following schedule for publication of the data:

- Put data into database within 3 months after measurement
- Make data accessible to public as soon as possible (data not made public by originator will be made public automatically 12 months after measurement)
- Approval of the data within 2 years after measurement.
- Data get published after approval in annual or biannual volumes at WDCC (Exception: Datasets from old EARLINET – project skip approval process and get published as soon as possible).

At the moment there are 2 exceptions from this schedule:

- Data are made public 12 months after measurement if they are in the database since at least 3 months. This exception will be dropped by end of EARLINET-ASOS in 2011.
- The interface to the World Data Center Climate is still under development and hence the publication of data is delayed.

Connection to the world ...

- All data with level „public“ or „published“ are accessible to everybody through a WEB-based interface from the EARLINET server.
- All data in the database will be published in the CERA database of the WDCC as part of the publication process.
- All (public) data of the database are already searchable from the GEOmon – database.
- More on interconnects will be subject of the discussions during GALION - meeting on Wednesday

(Near) future work

- Complete rewrite of the Maintenance interface to the database to
 - Better support of automatted uploads from the „Single Cxalculus Chain“
 - Better support of „near realtime“ uploads from continuously running stations
 - Gain more flexibility in managing special user needs..
- Extend the visibility of the dataset in a growing number of data catalogs. This should be among the points addressed by this workshop.

Just a few numbers ...

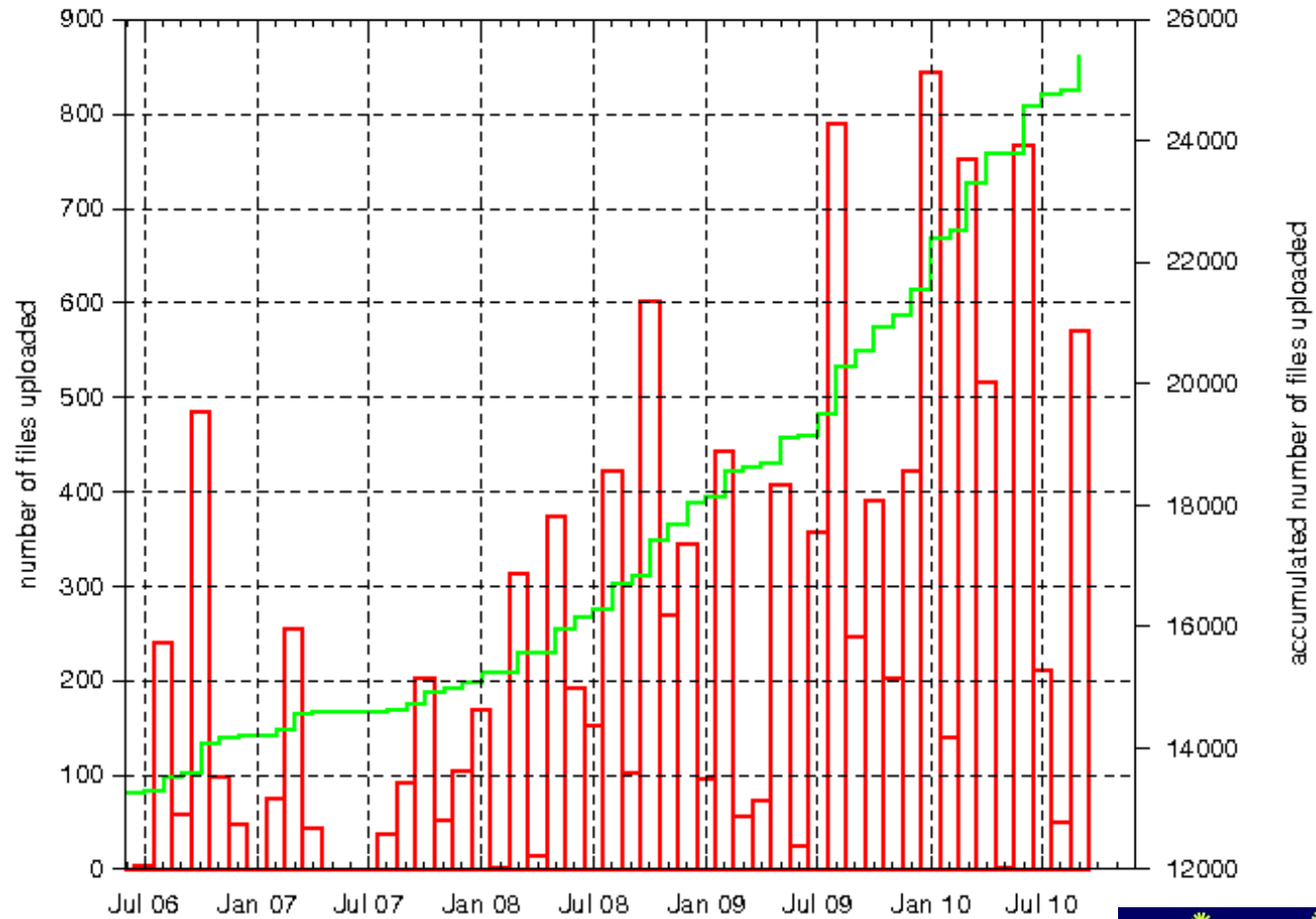
- Number of external users: 32
- Number of stations: 37
- Number of groups contributing to the database: 29
- Number of members: 121

- Number of files in the database: 25569
 - internal access only: 2703
 - public access: 22866
- Files downloaded since April 2010: 206541

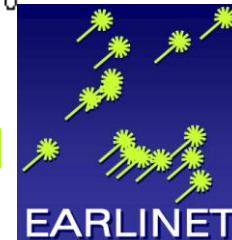
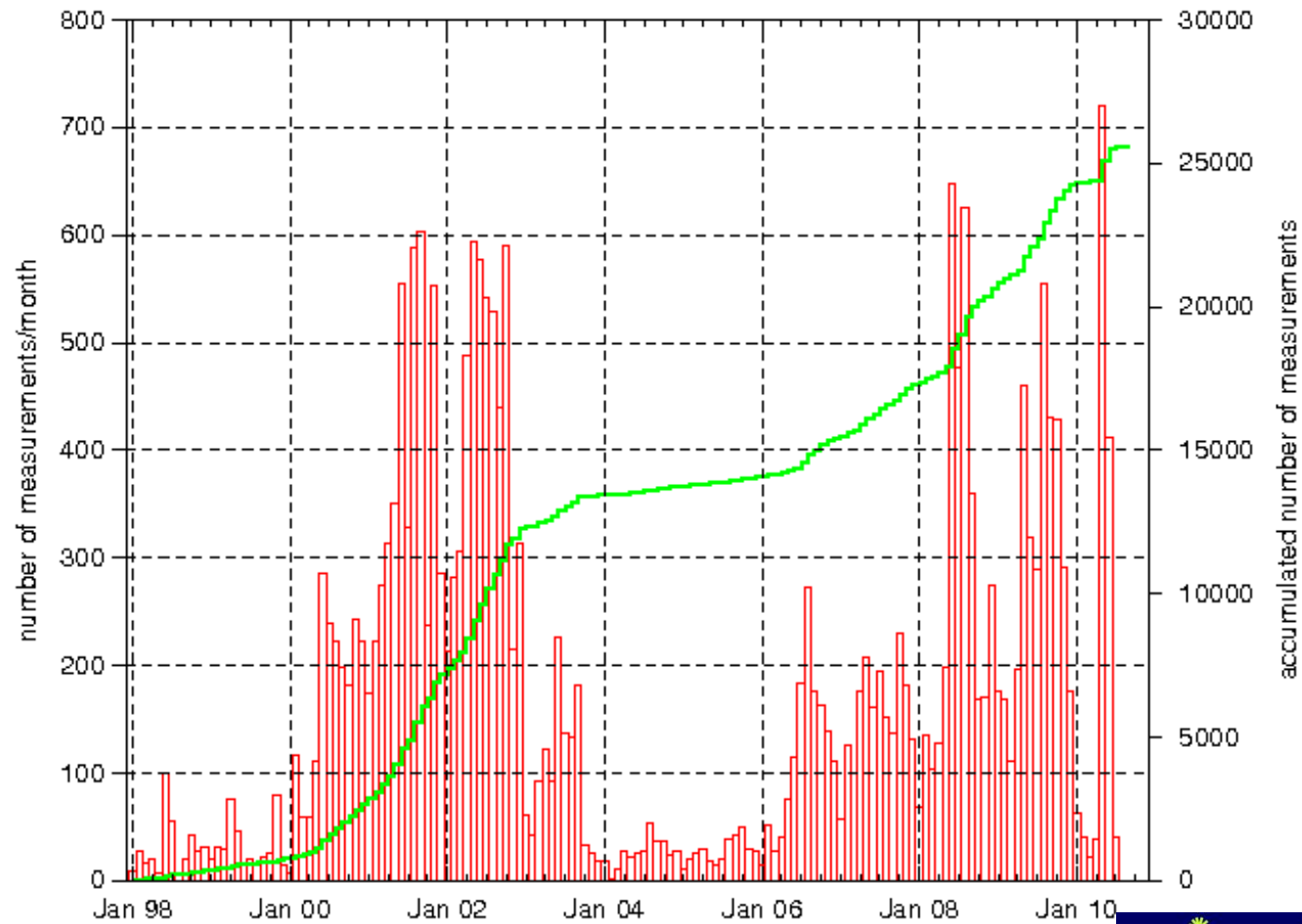
- Categories:
 - cirrus: 1168
 - climatology: 9975
 - diurnal cycles: 1996
 - etna (volcanos): 790
 - forest fires: 313
 - photosmog: 96
 - rural/urban: 622
 - stratosphere: 366
 - calipso: 6011
 - saharan dust: 3666



Number of files uploaded to the database



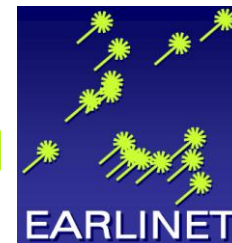
Number of measurements/month in database



The public user-interface (WEB-access)

<http://www.earlinet.org>

The screenshot shows a Mozilla Firefox browser window displaying the EARLINET Database website. The address bar shows the URL `http://www.earlinet.org/index.php?id=125`. The browser's menu bar includes File, Edit, View, History, Bookmarks, Tools, and Help. The toolbar contains various navigation and utility icons. The website's header features a blue navigation menu on the left with the following items: EARLINET, EARLINET-ASOS, Symposium, Database, Policy, Format, Access, Publications, Projects, Events, Links, Login, Sitemap, Impressum, Eyjafjallajökull eruption, and a European Union flag. The main content area is titled "EARLINET Database" and displays a netCDF file structure for "as0907111139". The file structure includes dimensions (Length = 688) and variables (Altitude, Backscatter, ErrorExtinction, ErrorBackscatter) with their respective units and global attributes (System, Location, Altitude, Latitude, Longitude, EmissionWavelength, DetectionWavelength, DetectionMode, ShotsAveraged, ShotsAveraged_elastic_channel, StartDate).



http://www.earlinet.org

The screenshot shows two overlapping browser windows. The background window displays the EARLINET website's main page with a navigation menu on the left and a central content area. The foreground window shows the login page with a form and a status bar.

Navigation Menu (Left):

- EARLINET
- EARLINET-ASOS
- Symposium
- Database
- Policy
- Format
- Access
- Publications
- Projects
- Events
- Links
- Login
- Sitemap
- Impressum
- Eyjafjallajökull eruption

Central Content Area (Background):

EARLINET Database

```
netcdf as090711139 {
  dimensions:
    Length = 688 ;
  variables:
    float altitude(Length)
      altitude:units = "m" ;
      altitude:long = 0 ;
    float Extinction(Length)
      Extinction:units = "1/km" ;
      Extinction:long = 0 ;
    float Backscatter(Length)
      Backscatter:units = "1/km" ;
      Backscatter:long = 0 ;
    float ErrorExtinction(Length)
      ErrorExtinction:units = "1/km" ;
      ErrorExtinction:long = 0 ;
    float ErrorBackscatter(Length)
      ErrorBackscatter:units = "1/km" ;
      ErrorBackscatter:long = 0 ;
  // global attributes:
    :System = "MIR" ;
    :Location = "M" ;
    :Altitude_meter = 0 ;
    :Latitude_degree = 0 ;
    :Longitude_degree = 0 ;
    :EmissionMode = "M" ;
    :DetectionMode = "M" ;
    :ShotSAveraged = 0 ;
    :ShotsAverag = 0 ;
    :StartDate = 20090711139 ;
}
```

Login Page (Foreground):

EARLINET Database | Login - Mozilla Firefox

http://access.earlinet.org/EARLINET/LoginPage.aspx

not logged in

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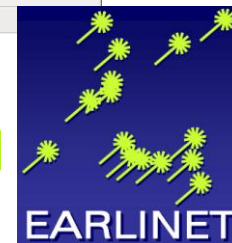
Username:

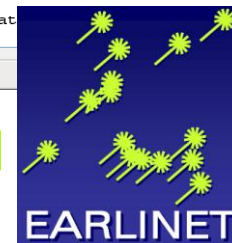
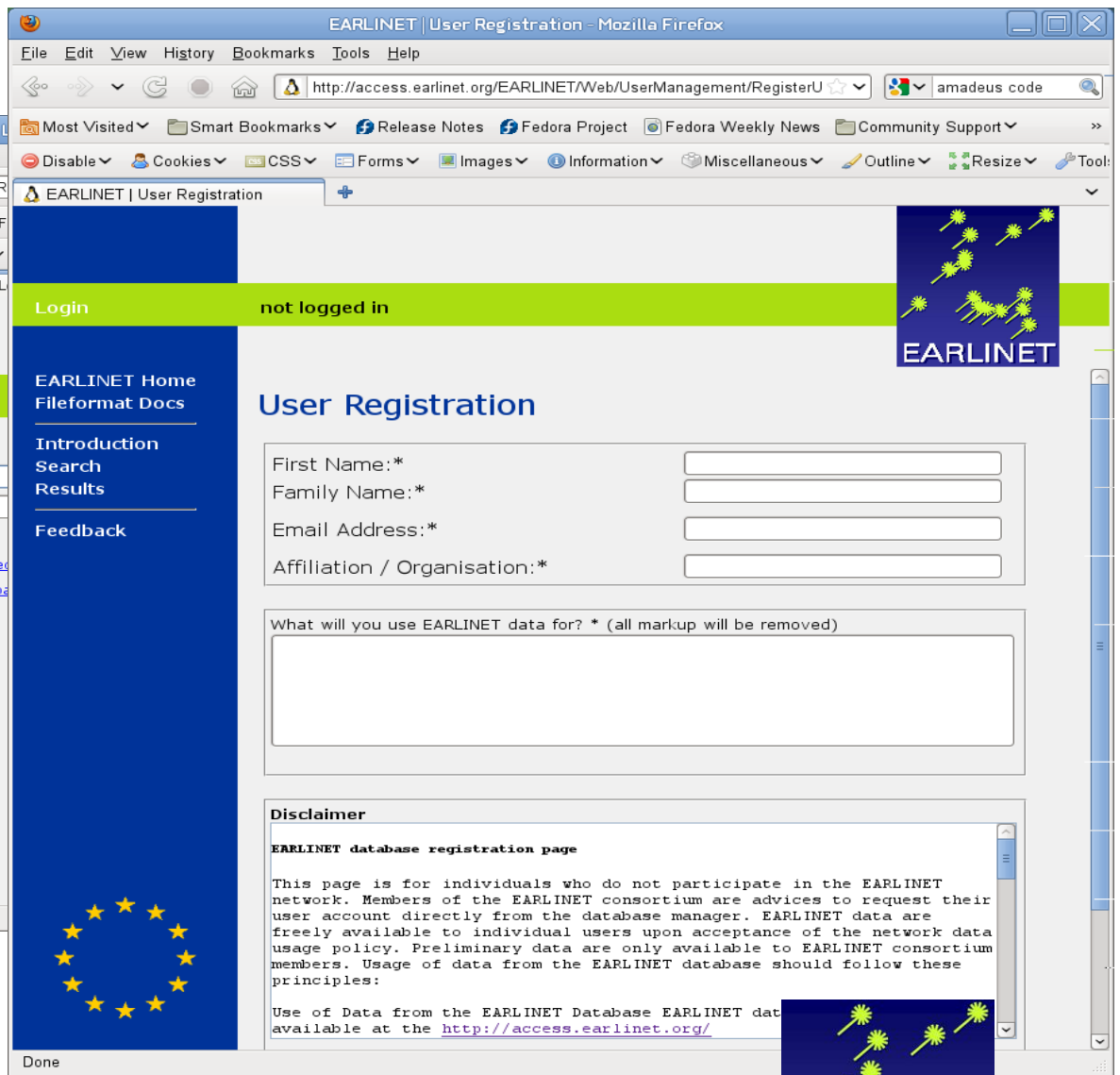
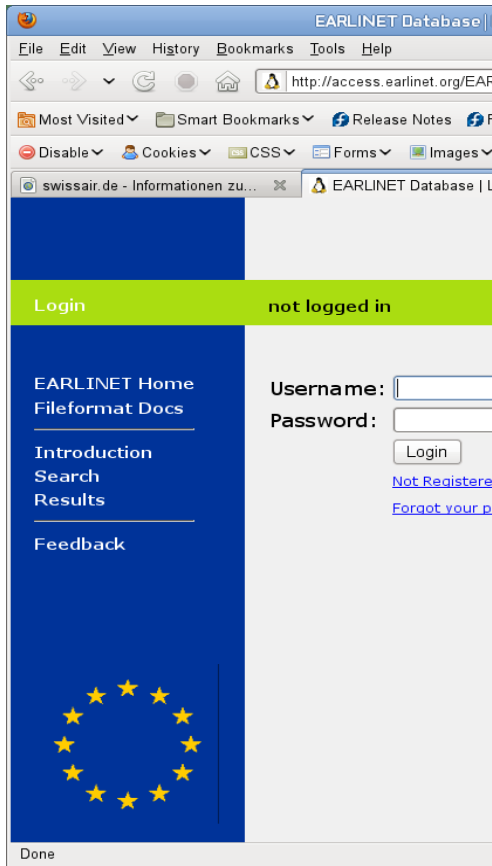
Password:

[Not Registered?](#)

[Forgot your password?](#)

EARLINET Logo: A blue square with yellow sunburst patterns and the text "EARLINET" below it.





EARLINET database registration page

This page is for individuals who do not participate in the EARLINET network. Members of the EARLINET consortium are advised to request their user account directly from the database manager. EARLINET data are freely available to individual users upon acceptance of the network data usage policy. Preliminary data are only available to EARLINET consortium members. Usage of data from the EARLINET database should follow these principles:

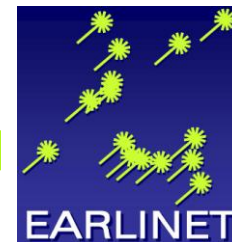
Use of Data from the EARLINET Database

EARLINET data are freely available at <http://www.earlinet.org/>

Username and password are required to access the EARLINET Database.

Registration is necessary in order to get username and password.

All the requested fields must be filled (name, Institution, area of expertise, reason of access, email address)



Notice to users:

The public domain data you are about to download are contributed by the EARLINET consortium. Each EARLINET site has a Principal Investigator(s) (PI), responsible for deployment, maintenance and data collection. The PI has priority use of the data collected at the site. The PI is entitled to be informed of any other use of that site data. PI contact information can be found on the EARLINET site.

Recommended guidelines for data use and publication

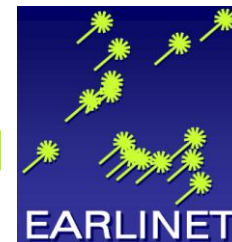
Using EARLINET data: Please consult with the PI(s) of the data to be used.

Publishing EARLINET data: Please consider authorship for the PI(s).

When data from the EARLINET Database are used in a publication, we request the following acknowledgment to be included:

"The authors acknowledge EARLINET for providing aerosol LIDAR profiles available at <http://www.earlinet.org/>"

and the following reference to cite:

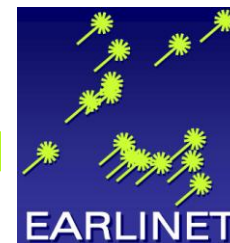


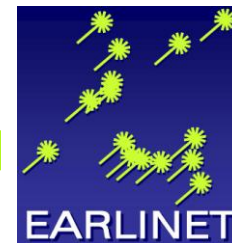
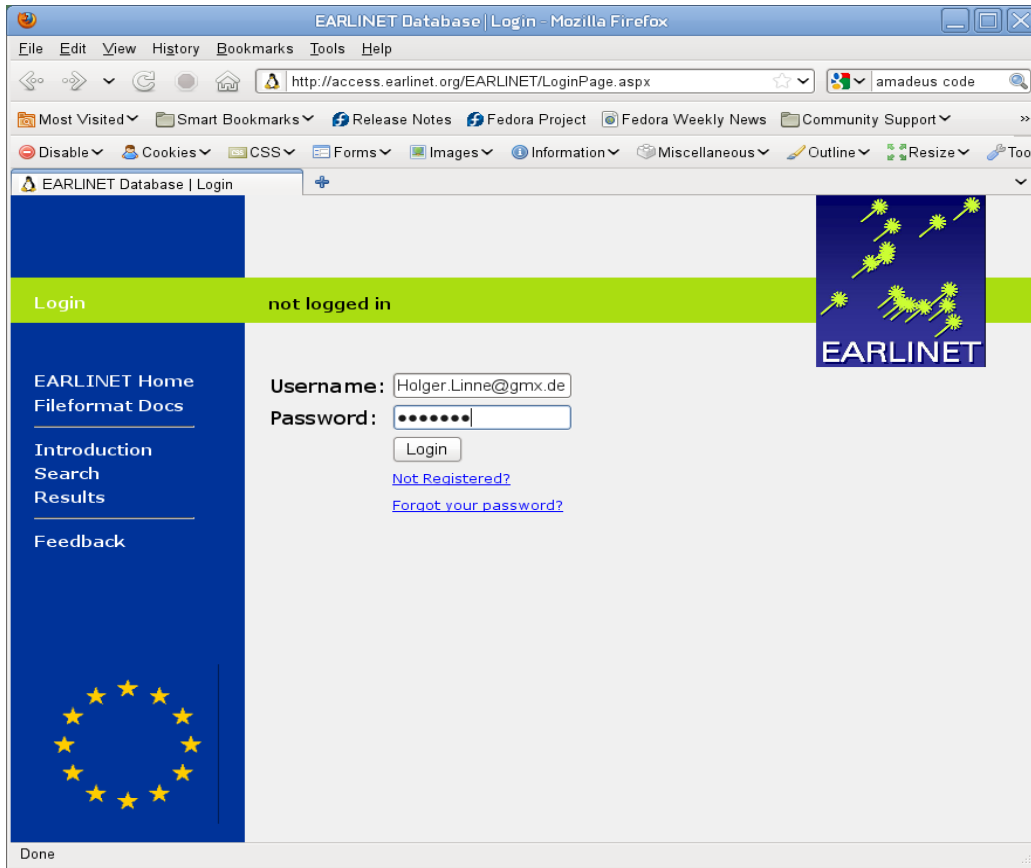
Recommended guidelines for data use and publication (continued)

J. Bösenberg, et al., EARLINET: A European Aerosol Research Lidar Network to Establish an Aerosol Climatology. Max-Planck-Institut Report No. 348 (2003).

EARLINET requests a reprint of any published papers or reports or a brief description of other uses (e.g., posters, oral presentations, etc.) of data downloaded from the EARLINET database. This will help us determine the use of EARLINET data, which is helpful in optimising product development. It also helps us to keep our product-related references current.

Please contact us by e-mail for instructions.





EARLINET Database | Login - Mozilla Firefox

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http://access.earlinet.org/EARLINET/LoginPage.aspx

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EARLINET-ASOS Database

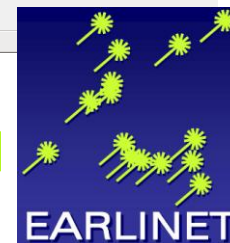
Welcome to the EARLINET-ASOS database web portal. This is a public available system that allows scientists to search, download and visualize aerosol LIDAR data from the EARLINET network.

A login account can be obtained through the **Login-page**. It is necessary to read and accept the data access policy before requesting a login password.

Any feedback on the web portal can be provided to [Holger Linne](#) or [Aasmund Fahre Vik](#)

Done



EARLINET Database | DataSet Search - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://access.earlinet.org/EARLINET/SearchPage.aspx

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Dataset Search

Date minimum: 2009-08-01 (YYYY-MM-DD) + x

Date maximum: 2009-08-31 (YYYY-MM-DD) + x

Daytime hours between: 12:00 and 13:00 (HH:MM) x

Season between: and (MM-DD) x

Station: x

Categories: x

Emission wavelength: 1064 + x

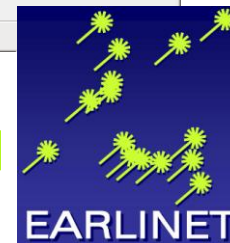
File type: + x

Public data only:

8 matching datasets

Search

Done



EARLINET Database | DataSet Search Results - Mozilla Firefox

http://access.earlinet.org/EARLINET/ResultsPage.aspx


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Current Results

<input type="checkbox"/>		File name	Start time	Stop time	Station	Wavelength	Date uploaded
<input type="checkbox"/>	Get	at0908021031.b1064	2009-08-02 10:31	2009-08-02 12:30	at	1064	2009-09-21 18:56
<input type="checkbox"/>	Get	at0908021201.b1064	2009-08-02 12:01	2009-08-02 12:30	at	1064	2009-09-21 18:58
<input type="checkbox"/>	Get	at0908111030.b1064	2009-08-11 10:30	2009-08-11 12:29	at	1064	2009-09-21 19:01
<input type="checkbox"/>	Get	at0908111201.b1064	2009-08-11 12:01	2009-08-11 12:29	at	1064	2009-09-21 19:03
<input type="checkbox"/>	Get	be0908171156.b1064	2009-08-17 11:56	2009-08-17 12:26	be	1064	2009-10-21 12:55
<input type="checkbox"/>	Get	be0908171226.b1064	2009-08-17 12:26	2009-08-17 12:57	be	1064	2009-10-21 12:56
<input type="checkbox"/>	Get	be0908201136.b1064	2009-08-20 11:36	2009-08-20 12:06	be	1064	2009-10-21 13:00
<input type="checkbox"/>	Get	be0908201206.b1064	2009-08-20 12:06	2009-08-20 12:36	be	1064	2009-10-21 13:01

Download

Get selected Get all

Plotting

Plot types:
Backscatter
Extinction

View selected

Done

EARLINET | Plot Display - Mozilla Firefox

http://access.earlinet.org/EARLINET/PlotDisplay.aspx

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Altitude: Min: 0 Max: 12000 Rescale Reset

Backscatter: Min: -4.173235E-09 Max: 6.85913E-07 Rescale Reset

Display Legend

Athens, Greece(37.96N, 23.78E, 200m)

20090802 10:31:10 - 20090802 12:30:00
 Id: 1064 nm
 Detection mode: analog
 Zenith angle: 37
 Shots averaged: 72000
 Resolution raw meter: 13.37
 Resolution evaluated: 75 m up to 1400 m, 115 m up to 40...
 Evaluation method: Mett1985
 Input parameters: reference value: 3.54337004E-10 1/...
 Comments: reference value: 3.54337004E-10 1/...

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Belsk, Poland(51.5N, 20.47E, 180m)

20090817 11:58:00 - 20090817 12:26:37
 Id: 1064 nm
 Detection mode: analog
 Zenith angle: 0
 Shots averaged: 27000
 Resolution raw meter: 15
 Resolution evaluated: From 15(m) at 180(m) up to 15(m) at...
 Evaluation method: Fernald
 Input parameters: reference value: 1.000000e-09 1/(m*...
 Comments: reference value: 1.000000e-09 1/(m*...

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The screenshot shows a Mozilla Firefox browser window displaying the EARLINET Plot Display application. The browser's address bar shows the URL `http://access.earlinet.org/EARLINET/PlotDisplay.aspx`. The page features a blue sidebar with navigation links: "EARLINET Home", "Fileformat Docs", "Introduction", "Search Results", and "Feedback". A green bar at the top of the main content area contains the text "Logout" and "logged in as hll". The EARLINET logo, consisting of a blue square with yellow stars and the text "EARLINET", is positioned in the top right corner. Below the header, there are input fields for "Altitude" (Min: 0, Max: 12000) and "Backscatter" (Min: -2.732612), along with "Rescale" and "Reset" buttons. A "Display Legend" checkbox is checked. The main plot area displays an error message: "Cannot plot file 'hh0805071200.b532', plot type = 'Backscatter'. Please contact database administrator." The bottom of the page features a large green horizontal bar and a smaller EARLINET logo in the bottom right corner.

EARLINET Database | DataSet Search Results - Mozilla Firefox

http://access.earlinet.org/EARLINET/ResultsPage.aspx


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Current Results

<input type="checkbox"/>		File name	Start time	Stop time	Station	Wavelength	Date uploaded
<input type="checkbox"/>	Get	at0908021031.b1064	2009-08-02 10:31	2009-08-02 12:30	at	1064	2009-09-21 18:56
<input type="checkbox"/>	Get	at0908021201.b1064	2009-08-02 12:01	2009-08-02 12:30	at	1064	2009-09-21 18:58
<input type="checkbox"/>	Get	at0908111030.b1064	2009-08-11 10:30	2009-08-11 12:29	at	1064	2009-09-21 19:01
<input type="checkbox"/>	Get	at0908111201.b1064	2009-08-11 12:01	2009-08-11 12:29	at	1064	2009-09-21 19:03
<input type="checkbox"/>	Get	be0908171156.b1064	2009-08-17 11:56	2009-08-17 12:26	be	1064	2009-10-21 12:55
<input type="checkbox"/>	Get	be0908171226.b1064	2009-08-17 12:26	2009-08-17 12:57	be	1064	2009-10-21 12:56
<input type="checkbox"/>	Get	be0908201136.b1064	2009-08-20 11:36	2009-08-20 12:06	be	1064	2009-10-21 13:00
<input type="checkbox"/>	Get	be0908201206.b1064	2009-08-20 12:06	2009-08-20 12:36	be	1064	2009-10-21 13:01

Download


Get selected Get all

Plotting

Plot types:
Backscatter
Extinction

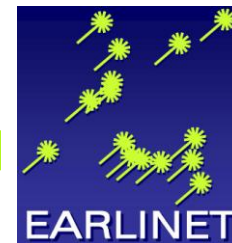
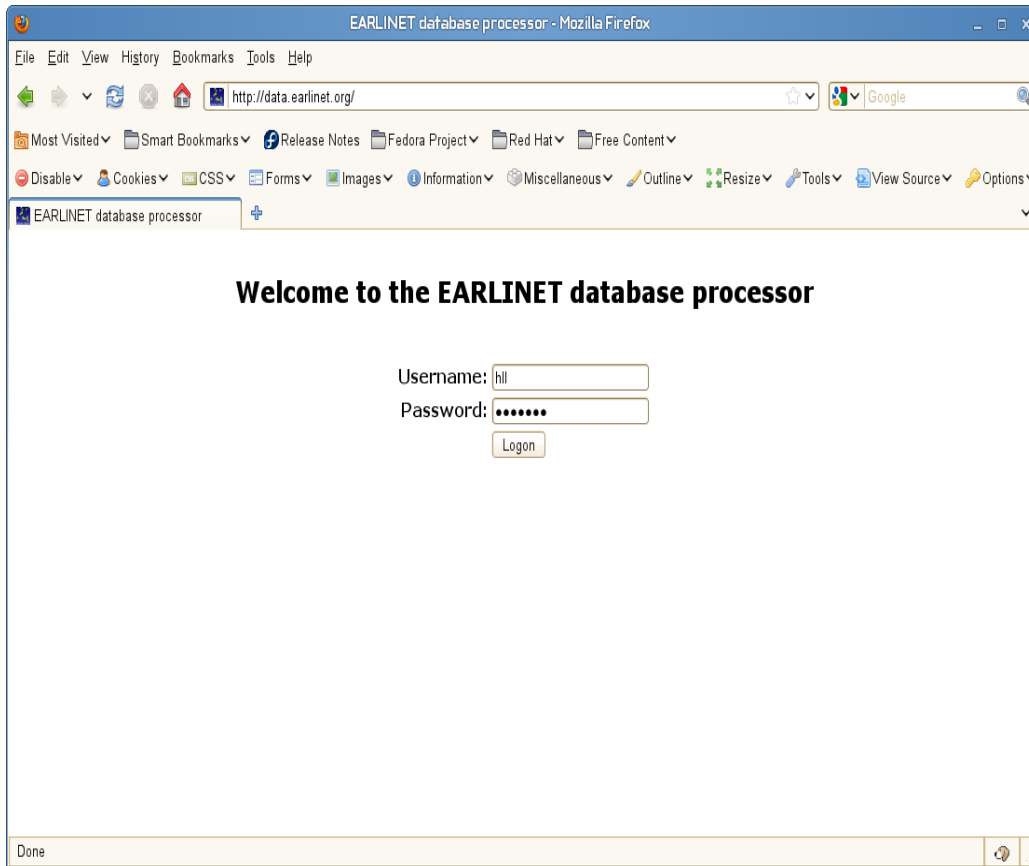
View selected

Done



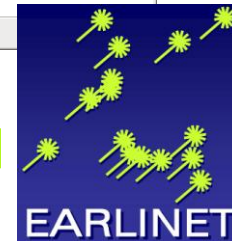

The internal WEB-interface (maintenance)

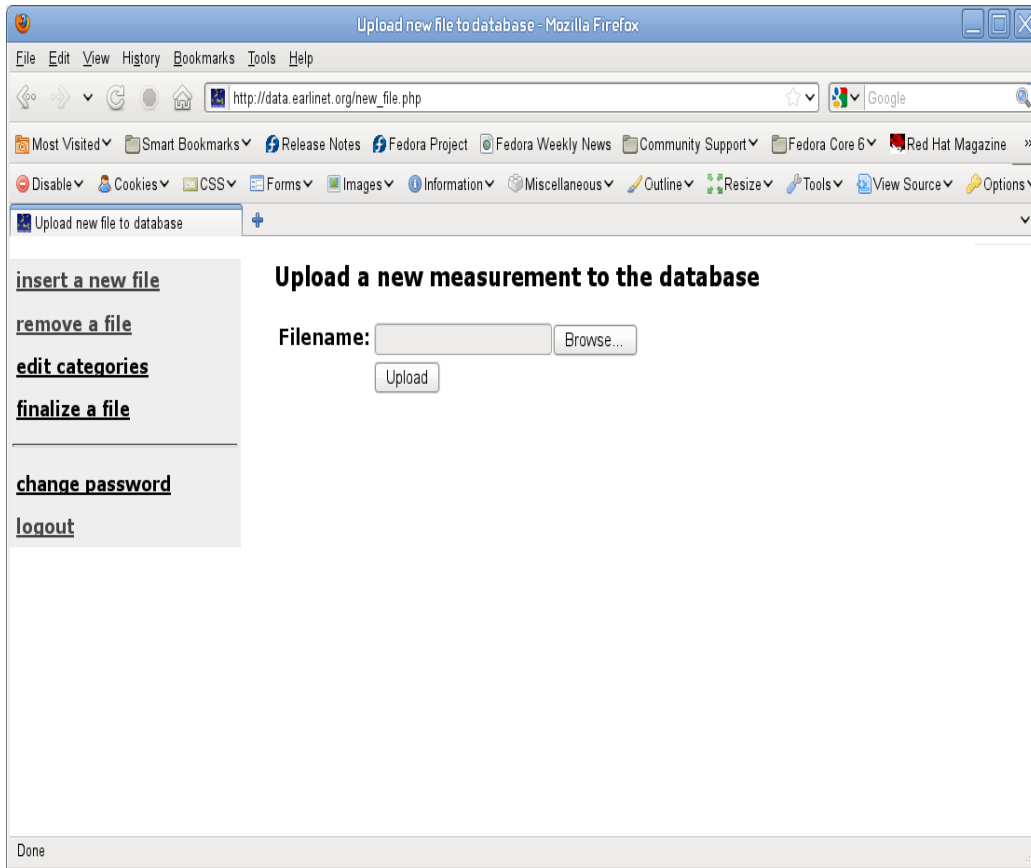
<http://data.earlinet.org>

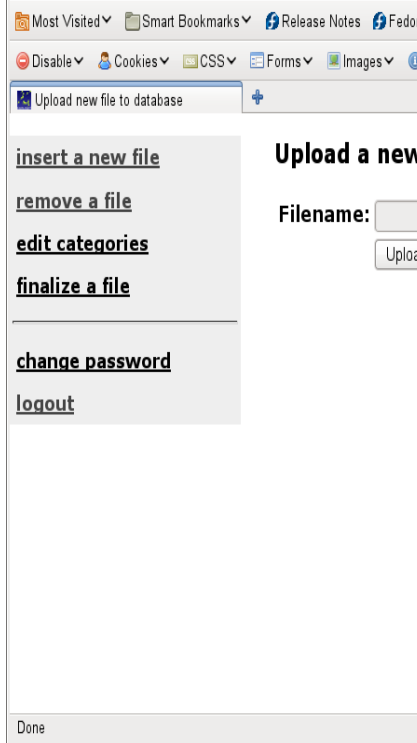
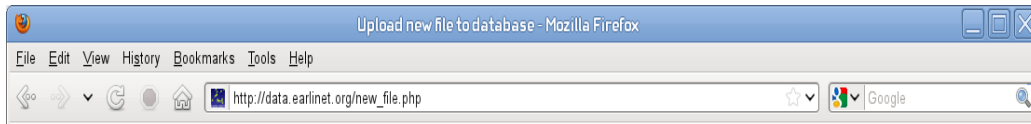


<http://data.earlinet.org>

The screenshot shows two overlapping browser windows. The top window displays the URL <http://data.earlinet.org/> and the text "Welcome to the". The bottom window displays the URL <http://data.earlinet.org/index.php> and a full page of content. The page content includes a navigation menu with links: [insert a new file](#), [remove a file](#), [edit categories](#), [finalize a file](#), [change password](#), and [logout](#). The main heading is "Welcome to the EARLINET database processor". Below this, there is a paragraph: "For a limited time, you still have direct access to the directories [New](#), [Old](#) and [Rejected](#). The category-files can now be found at [categories](#), a zip - file containing all profiles (and beeing kept more or less up to date) can be found as [all.zip](#) (~104MB). For login to these pages please use username earlinet with the well known password. This access will be changed to an access using the database in the near future." This is followed by the text "Some descriptive text to follow." and another paragraph: "Your suggestions for the improvement of this WEB - based database access are always welcome. In case you find any serious bug, please do not hesitate to report this to [Holger Linne](#)." The browser's status bar at the bottom of both windows shows "Done".

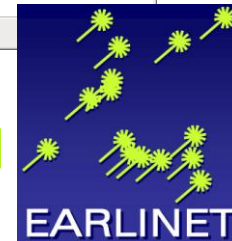
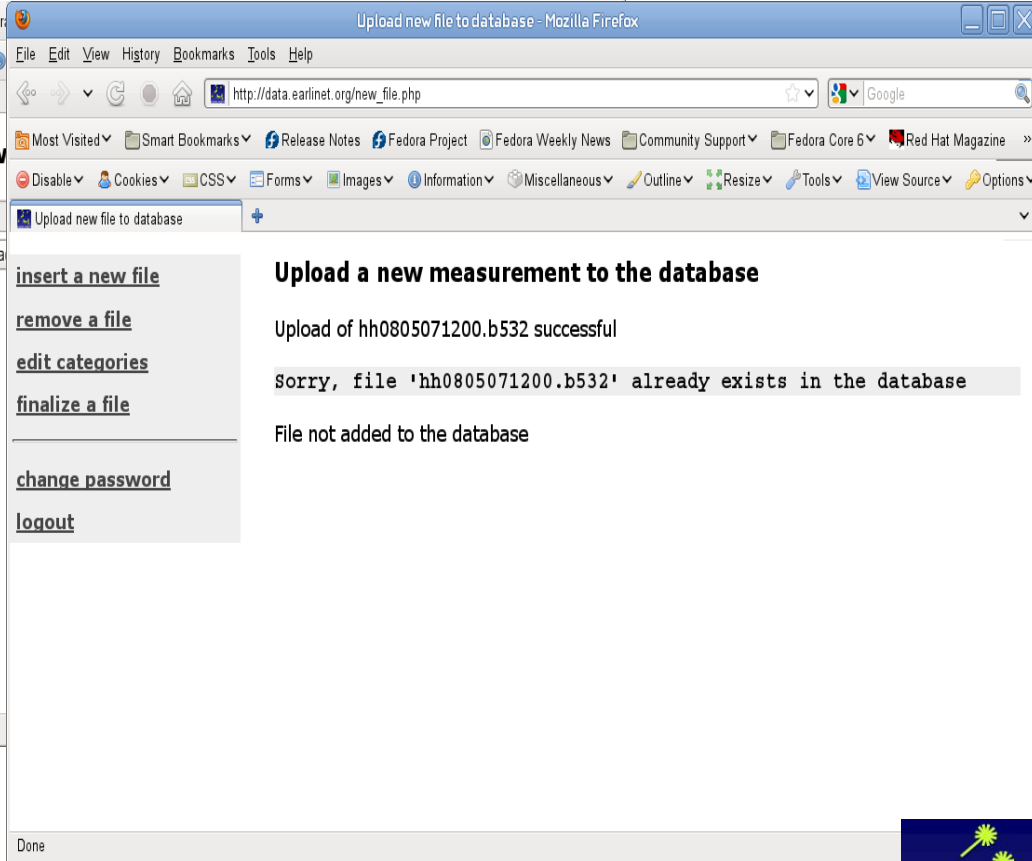






Upload a new

Filename:



Delete file from database - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://data.earlinet.org/delete_file.php

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Delete file from database

insert a new file
remove a file
edit categories
finalize a file

change password
logout

Delete File from database

entries # 1 to #30

Filename	Created
mi1004270130.b532	2010-09-17 09:06:46+00
mi1004270030.b532	2010-09-17 09:06:26+00
mi1004262330.b532	2010-09-17 09:06:07+00
mi1004232130.b532	2010-09-17 09:05:51+00
mi1004230630.b532	2010-09-17 09:05:36+00
mi1004220330.b532	2010-09-17 09:05:24+00
mi1004211730.b532	2010-09-17 09:05:10+00
mi1004211530.b532	2010-09-17 09:04:48+00
mi1004211330.b532	2010-09-17 09:04:30+00
mi1004211230.b532	2010-09-17 09:04:13+00
mi1004211130.b532	2010-09-17 09:03:51+00
mi1004210830.b532	2010-09-17 09:03:29+00
mi1004210730.b532	2010-09-17 09:03:10+00

Done

Browser window: Edit categories - Mozilla Firefox
 URL: http://data.earlinet.org/change_category.php

Navigation menu: File, Edit, View, History, Bookmarks, Tools, Help

Left sidebar menu:

- [insert a new file](#)
- [remove a file](#)
- [edit categories](#)
- [finalize a file](#)
- [change password](#)
- [logout](#)

Main content: **Edit categories of measurements in the database**

entries # 1 to #30

Filename	Calipso	Cirrus	Climat	Diurnal	Etna	ForFire	PhSmog	Rur/Urb	Sahara	Strat
mi1004270130.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004270030.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004262330.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004232130.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004230630.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004220330.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004211730.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004211530.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004211330.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004211230.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004211130.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
mi1004210830.b532	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Set status of a file in database to final - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://data.earlinet.org/finalize_file.php

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Set status of a file in database to final

insert a new file

remove a file

edit categories

finalize a file

change password

logout

Set status of a file in database to final

entries # 1 to #30

Filename	Created
mi1004270130.b532	2010-09-17 09:06:46+00
mi1004270030.b532	2010-09-17 09:06:26+00
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mi1004232130.b532	2010-09-17 09:05:51+00
mi1004230630.b532	2010-09-17 09:05:36+00
mi1004220330.b532	2010-09-17 09:05:24+00
mi1004211730.b532	2010-09-17 09:05:10+00
mi1004211530.b532	2010-09-17 09:04:48+00
mi1004211330.b532	2010-09-17 09:04:30+00
mi1004211230.b532	2010-09-17 09:04:13+00
mi1004211130.b532	2010-09-17 09:03:51+00
mi1004210830.b532	2010-09-17 09:03:29+00
mi1004210730.b532	2010-09-17 09:03:10+00

Done

Thank you !