

# EBAS – ACTRIS 2014 Format Checker Tool

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# EBAS Data Submission Portal

## What is the EBAS Data Submission Portal?

The EBAS Data Submission Portal (DSP) is an online *file format checker* and *a data submission system*. DSP is designed to give the data submitters *direct feedback on the formatted NASA Ames files* and to *receive files through online data submission*.

## Who should use the EBAS Data Submission Portal?

Data submitters from all projects and programs submitting data to EBAS who want to:

- check the consistency of their NASA Ames file
- upload data to EBAS

## What instruments does the EBAS Data Submission Portal support?

DSP supports all measurement principles registered in the EBAS portal, and with online formatting templates available at

<http://ebas-submit.nilu.no/> and <http://www.gaw-wdca.org/SubmitData.aspx>

## Why is the EBAS Data Submission Portal set up?

### **On user side:**

- To help users getting directly feedback on their files
- To minimize delays in the system
- To get a more transparent file checking system
- To reduce the workload for the data submitter
- To ensure better quality of the metadata

### **On data center side:**

- To shift the workload at the data centre (towards QA/QC)
- To speed up the process of getting data into EBAS
- To be available outside normal working hours

# Data Formatting Templates

• Online templates

• Template

«Advanced»

«Regular, A»

- NO<sub>x</sub> (regular)
- Cloud Condensation Nucleus Counter (link to WDCA)
- Condensation Particle Counter (link to WDCA)
- Diff./Scanning Mob. Particle Sizer (links to WDCA)
- Filter Absorption Photometer (links to WDCA)
- Integrating Nephelometer (links to WDCA)
- Radiometric Aerosol Optical Depth (links to WDCA)
- Particulate Mass Conc., gravim. (links to WDCA)
- Particulate Mass Conc., online (links to WDCA)
- ACSM (regular)
- VOC
- Inorganic air/aerosol chemistry (filter-based)
- Inorganic precipitation chemistry
- EC OC
- Halocarbons (AGAGE)
- Tracegas\_monitor
- Heavy metals in aerosol particle-phase
- Heavy metals in precipitation

# EBAS Data Submission Portal

The screenshot shows the EBAS Data Submission Portal interface. At the top left is the NILU logo, and at the top right is the ACTRIS logo. The title "EBAS Data Submission Portal" is centered. Below the logos is a row of buttons: "Reset", "Select file..." (highlighted in orange), and "Upload and check". Below that is another row of buttons: "Recheck file", "Save file", and "Submit file". A green status bar contains the text: "No file uploaded. Click Select file... to browse local disk, then click Upload and check." Below the status bar are two large empty text areas labeled "File header errors" and "File data errors", each with a small "1" in the top left corner. At the bottom left, there are two links: "Submission manual" and "Contact the EBAS-team".

Annotations (blue arrows) point to the following elements:

- Logo (NILU)
- Buttons (Reset, Select file..., Upload and check)
- Status bar (No file uploaded. Click Select file... to browse local disk, then click Upload and check.)
- File header errors section
- File data errors section
- Links (Submission manual, Contact the EBAS-team)

System set up on a virtual machine

Dedicated URL

Page divided into sections

Logos

Buttons

Status panel

Two separate windows, header and data

Links

# EBAS

## Data Submission Portal

### File selection

- Only one active button «select file»
- Instructions on the green status bar
- Select file from lokal disc

EBAS  
Data Submission Portal

Reset **Select file...** Upload and check

Recheck file Submit

No file uploaded. Click Select file... to browse local disk, then click Upload and check.

File header errors

1	

File data errors

1	

[Submission manual](#) [Contact the EBAS-team](#)

Open

This PC > viper (\\prod-app1) (Z:) > ebas > ibasen > bg > bg0001 > ibasen

Search ibasen

Name	Date modified	Type	Size
BG0001R.20130101000000.20141108084128.aerosol_light_scatteri...	08.11.2014 09:42	NAS File	2 940 KB
BG0001R.20130101000000.20141108084836.aerosol_absorption_c...	13.11.2014 21:11	NAS File	1 938 KB
BG0001R.20130101000000.20141206090315.aerosol_absorption_c...	19.12.2014 12:19	NAS File	1 938 KB
BG0001R.20130101000000.20150124092526.aerosol_light_scatteri...	24.01.2015 10:27	NAS File	2 940 KB
BG0001R.20130101000000.20150221085456.aerosol_light_scatteri...	04.03.2015 10:13	NAS File	2 940 KB
BG0001R.20130101000000.20150221090233.aerosol_absorption_c...	12.03.2015 11:58	NAS File	1 938 KB
BG0001R.20130101000000.20150530075043.aerosol_light_scatteri...	28.06.2015 18:17	NAS File	2 940 KB
BG0001R.20130101000000.20150530075635.aerosol_absorption_c...	20.08.2015 12:38	NAS File	1 938 KB
BG0001R.20140101000000.20150124090614.aerosol_light_scatteri...	04.03.2015 13:01	NAS File	2 940 KB
BG0001R.20140101000000.20150124091508.aerosol_absorption_c...	09.03.2015 11:21	NAS File	1 938 KB
BG0001R.20140101000000.20150627073846.aerosol_light_scatteri...	28.06.2015 18:17	NAS File	2 940 KB
BG0001R.20140101000000.20150711075147.aerosol_light_scatteri...	19.08.2015 11:23	NAS File	2 940 KB
BG0001R.20140101000000.20150711080022.aerosol_absorption_c...	19.08.2015 12:07	NAS File	1 938 KB

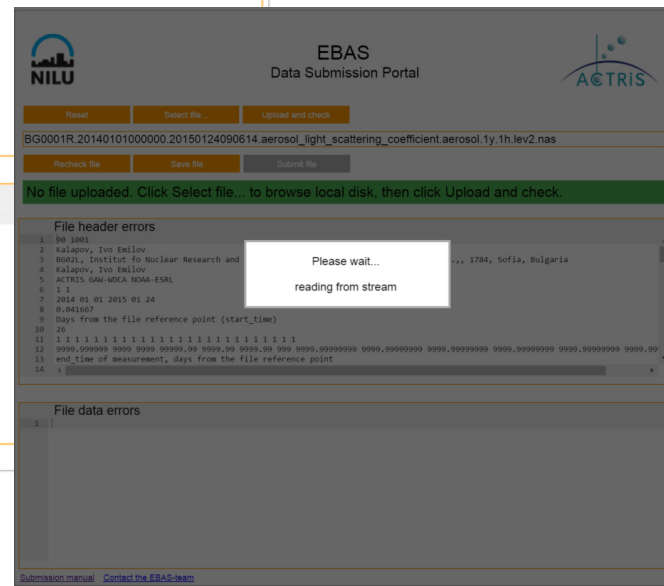
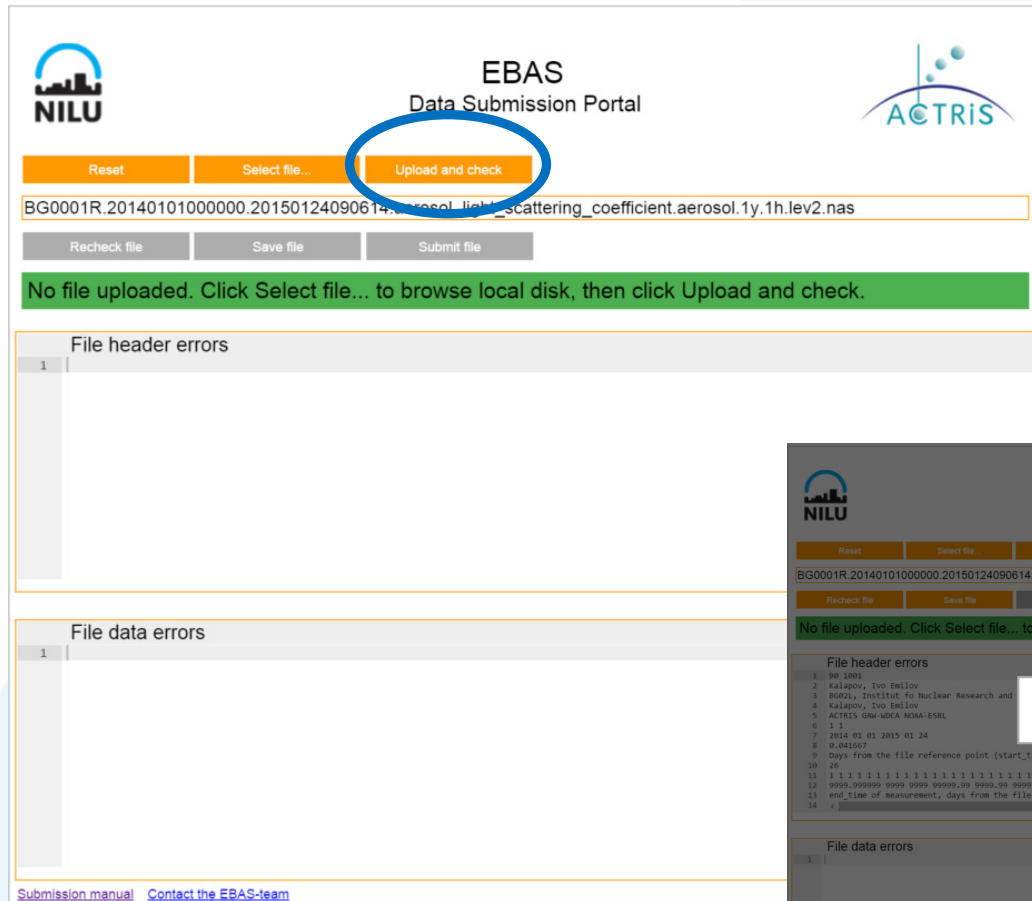
File name: BG0001R.20140101000000.20150124090614.aerosol\_light\_scattering\_coefficient.aerosol.1y.1h.lev2

Open Cancel

# EBAS

## Data Submission Portal

File name appears in window  
Top buttons are activated  
Upload and check the file



Waiting time depends on the file size, normally a few seconds.







# EBAS

## Data Submission Portal

EBAS  
Data Submission Portal

Reset Select file... Upload and check

BG0001R.20140101000000.20150711075147.aerosol\_light\_scattering\_coefficient.aerosol.1y.1h.lev2.nas

Recheck file **Save file** Submit file

File has been submitted successfully.

File header errors (errors 0, warnings 0)

1	90 1001
2	Kalapov, Ivo Emilov
3	BG02L, Institut fo Nuclear Research and
4	Kalapov, Ivo Emilov
5	ACTRIS GAW-WDCA NOAA-ESRL
6	1 1
7	2014 01 01 2015 07 11
8	0.041667
9	Days from the file reference point (sta
10	26
11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
12	9999.999999 9999 9999 999999.99 9999.99
13	end_time of measurement, days from the
14	4

File data errors (errors 0, warnings 0)

1	
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[Submission manual](#) [Contact the EBAS-team](#)

File is submitted successfully  
Status bar updated  
Save a local copy of the file

Save As

This PC > Downloads

Organise New folder

Name	Date modified	Type	Size
BG0001R.20140101000000.20150711075147...	30.10.2015 13:03	NAS File	7 KB
BG0001R.20140101000000.20150711075147...	30.10.2015 13:02	NAS File	7 KB
station_status	03.11.2015 17:30	File folder	
http%3a%2f%2fcygwin.mirrors.hoobly.com%...	06.10.2015 12:54	File folder	
jars	17.09.2015 13:18	File folder	

File name: BG0001R.20140101000000.20150711075147.aerosol\_light\_scattering\_coefficient.aerosol.1y.1h.lev2.nas

Save as type: NAS Fil (.nas)

Hide Folders

Save Cancel



# EBAS

## Data Submission Portal

Next phase:

Work together with IT-department and system developers to improve the error messages.

Invite users to participate in a reference group for system tests.

Feedback from users will be considered when developing the tool further.

Document the system, user guide document.

To participate in the reference group please send

e-mail to [amf@nilu.no](mailto:amf@nilu.no) with subject: ***Tooltest\_[Station]\_[Instrument\_type]\_[Lastname]***

# Other information

## Training courses

No data training courses were held in 2015.

Planning for a course in 2016.

Training courses, meetings, system maintenance updates etc., are announced on Facebook and Twitter

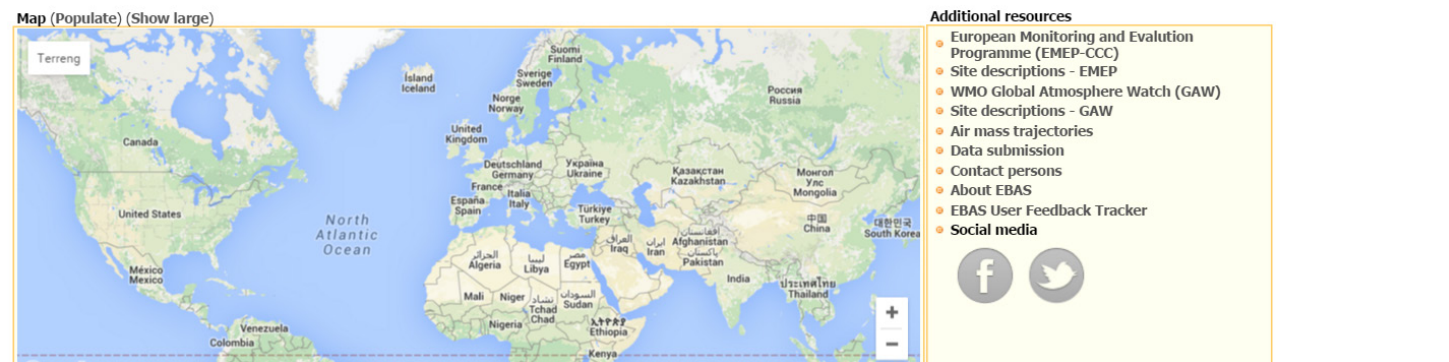
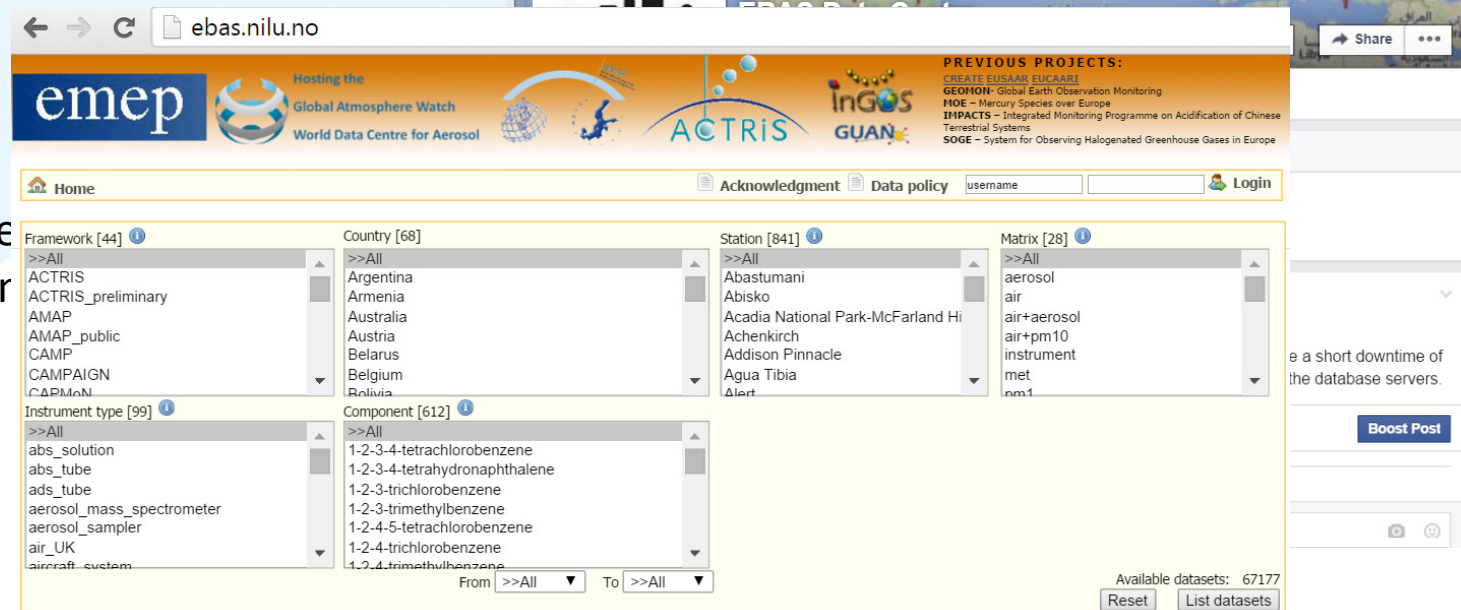
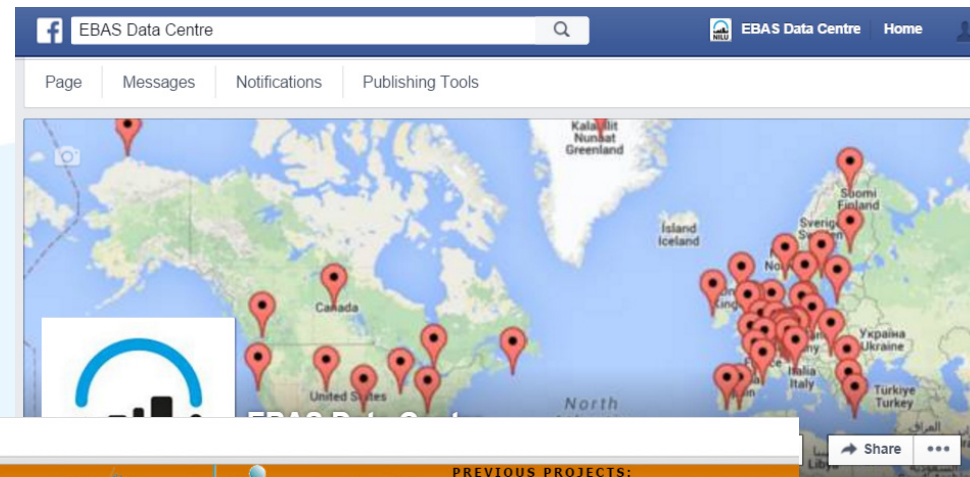
**Facebook: EBAS Data Centre**

**Twitter @ebas\_nilu**

<http://ebas-feedback.nilu.no/>

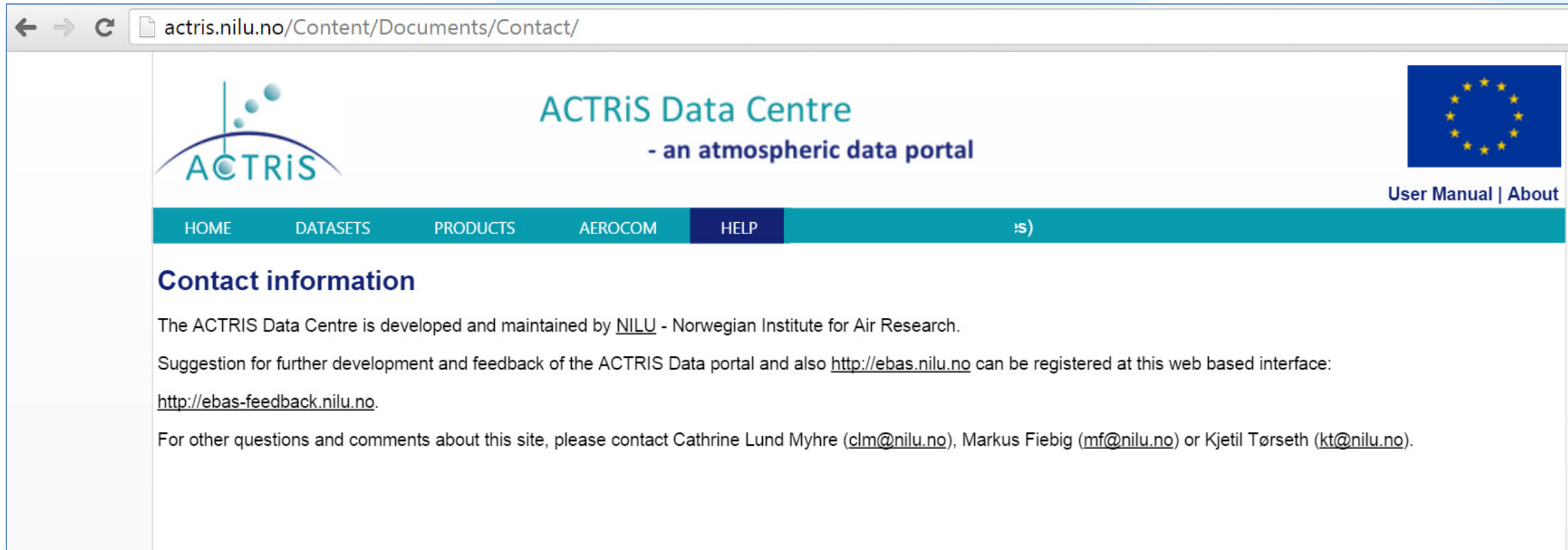
Linked from <http://ebas.nilu.no>

under additional resources



# Other information

<http://ebas-feedback.nilu.no/>



The screenshot shows a web browser window with the address bar displaying `actris.nilu.no/Content/Documents/Contact/`. The page header features the ACTRIS logo on the left, the text "ACTRIS Data Centre - an atmospheric data portal" in the center, and the European Union flag on the right. A navigation menu below the header includes links for HOME, DATASETS, PRODUCTS, AEROCOM, HELP, and a search icon. The main content area is titled "Contact information" and contains the following text:

The ACTRIS Data Centre is developed and maintained by [NILU](#) - Norwegian Institute for Air Research.

Suggestion for further development and feedback of the ACTRIS Data portal and also <http://ebas.nilu.no> can be registered at this web based interface:

<http://ebas-feedback.nilu.no>.

For other questions and comments about this site, please contact Cathrine Lund Myhre ([clm@nilu.no](mailto:clm@nilu.no)), Markus Fiebig ([mf@nilu.no](mailto:mf@nilu.no)) or Kjetil Tørseth ([kt@nilu.no](mailto:kt@nilu.no)).

