

GAWSIS User guide

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1. Login – <http://gaw.empa.ch/gawsis/login.asp>

To add or change information on GAWSIS you need to click on “Edit/Add Information” and you get to the login form you can see in illustration 1. If you are registered as contact you can enter your email address and request a password. If you can’t find your name on the “Contact Information”-list a registered contact needs to add you as a new contact.



The screenshot shows the GAWSIS website interface. At the top, it says "by QA/SAC Switzerland". The main heading is "GAWSIS STATION INFORMATION SYSTEM". To the right, there are three menu items: "Find Information", "Edit/Add Information", and "Provide Feed-back". Below this is a navigation bar with links: "Home", "Advanced Search", "Edit/Add Information", "GAW IDs", "Feed-back", "FAQs & Glossary", and "About". The main content area is titled "Login required to proceed" and contains a login form with fields for "user name" and "password", and "Login" and "Cancel" buttons. Below the form, there are two sections: "Not registered with GAWSIS yet?" and "Never received or forgot your password?". The "Never received or forgot your password?" section includes an "e-mail" field and a "Request Password" button.

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Illustration 1: Login form

The username and password will be sent automatically to the email address you entered. It's usually your family name and a random password. If you are registered but your email isn't correct or not available you need to contact the GAWSIS admin on gawsis@empa.ch.

2. Changing station information

On “Edit and/or amend station information” you get the list of stations you are able to change. If you can't find the station you like to access, you need to contact a GAWSIS administrator (gawsis@empa.ch) or your GAW country contact to add you as a contact for the specific station.

Choose the section of the station report you like to change and click on “continue” (see illustration 2):

Welcome! You are logged on as GAWSIS administrator.

You have permission to edit information relating to all stations known to GAWSIS.

Edit and/or amend station information

Station name Jungfrauoch

Type of information General information

Edit contact information

Contact name Klausen, Jörg

Continue Cancel

Illustration 2: Administration menu part 1

2.1. General information

In this section we like to give a general overview of the station shown in the first part of the station report, called station characteristics:

Jungfrauoch (Switzerland) Global fixed station in WMO RA VI - Europe

Station Characteristics 2008-02-27 16:32:51/0

Coordinates 46.5475 (Enter as decimal degrees, +nnn.nnnn for North, -nnn.nnnn for South)
7.986667 (Enter as decimal degrees, +nnn.nnnn for East, -nnn.nnnn for West)

Elevation 3580 meters a.s.l.

Date established

Current Status full operation

Date closed

Time Zone +1 (Enter UTC offset in hours; LST = UTC +/- offset)

Climate zone H (Highland climate) (Classification after Köppen)

Internet www.ifjungo.ch

Site Description
The high alpine research station Jungfrauoch is situated on a mountain saddle between the two mountains Jungfrau (4158m asl) and Mönch (4099m asl). The station is located in the center of Europe at an altitude of 3580m asl and is surrounded by highly industrialized regions at much lower altitudes. This special geographical situation offers the opportunity to monitor background concentrations but also to investigate the transport of anthropogenic pollutants from the boundary layer to the free troposphere.

Update Cancel

Illustration 3: general station information

Coordinates as precisely as possible

Elevation in meters above sea level.

Date established

Current status can be set to “full operation”, “intermittent operation”, “closed” or “unknown”

Date closed, if closed

Time Zone is already set for every present station (<http://worldtimeengine.com/>). Use UTC offset in hours.

Climate Zone should give an impression about the local climate. It is centrally set for all stations after the classification of Köppen: <http://koeppen-geiger.vu-wien.ac.at/>. Additional description of the climate zones will be shown on GAWSIS page.

Internet is a field to put a web link to another homepage with additional information about the station. Please don't just add a link to the organisation. There should be specific information about the chosen station.

Site Description: You need to describe the location, topography, exposition, vegetation, land use and human impacts of the surroundings. This information can be very valuable if you try to describe what is important to interpret the data or what the conditions of the measurement are.

Photos of the station need to be sent to the GAW SIS administrator (gawsis@empa.ch). We like to have a jpg.-picture with a resolution of 1024x768 pixels that shows the station and also gives an impression about the surroundings.

2.2. Measurement program

In this menu all the measurement programs of the station are listed after the categories. You can change, delete or add new measurement programs. If you click to add data series you get to the following form:

Jungfrauoch (Switzerland)

Add/Edit time series information

Please note: All information requested below is important meta-data.

Parameter	Greenhouse Gas: -- any parameter --
Analytical Method	GC-MS
Method Details	pre-concentration of 2L of air in carbon-based micro trap; thermal desorption
Platform Height	5 meters above station elevation
Inlet	Open face (ambient)
Series Start	2000-01-01
Series End	
Data Type	continuous
Time Resolution	4 Hour(s)
Submission Start	
Submission End	
Comments	
Measurement Leader	Reimann, Stefan <small>If you can't find</small>

Illustration 4: Add new data series

At the time series information you can add meta-data for the specific measurement program. Please give as much details as possible to assure they are available for people that are interested in your data. You can also describe how your data can be accessed. Therefore you could also put a link on "Comments" to the database if they are not in GAW World data centres.

There is also a contact assigned to the measurement program. If this contact isn't registered you need to add it to the list of contacts first.

3. Contact persons

You can edit any contact you choose on the list “Edit contact information”. Please keep the contact information up-to-date and complete as well. To delete contacts that maybe inactive, write an email to a GAWSIS administrator.

Add new contact information

Please make sure the name you would like to add cannot be found in the list above!

1. Check if Family and First name are reversed
2. Check different spelling

Family name	<input type="text"/>
First name(s)	<input type="text"/>
Country	<input type="text"/>
	<input type="button" value="Continue"/> <input type="button" value="Cancel"/>

Illustration 5: Administration menu part 2


To add a new contact you have to add the family name, first name and country to the form shown above. Afterwards you need to add detailed information and contact address of the person you like to add. The new contact can request a password on the login form (Illustration 1) as soon as he is added. Note that this contact has to be added to the station he likes to change by a GAWSIS administrator or the GAW country contact.

4. GAW IDs

The GAWSIS main menu point “GAW IDs” is linked to <http://gaw.empa.ch/gawsis/codes.asp>

This web site is a managed list of unique station identifiers to identify surface sites in the Global Atmosphere Watch (GAW). It also serves as the clearing house for registering such identifiers for sites not (yet) affiliated with GAW. The initial focus is on ground-based fixed stations. The goal is to assign a unique 3-letter code to each known station with a long-term atmospheric monitoring purpose. This process should be based on consensus as much as possible. We invite the community to participate, because we would like these codes to find acceptance. Your assistance is essential!

Firstly you can **check if a certain 3 letter combination is still available** and who may already has requested this identifier. Secondly there is a form that allows you **to request a station identifier for a registered station**. Please check if there is any station in your country that hasn't got such a GAWID yet. Select the station, sorted by countries, you like to request a identifier, take a 3-letter code that is still available and add your contact information to the form.

To **add new stations** you also click on “GAW IDs” on the top menu (<http://gaw.empa.ch/gawsis/codes.asp>) and than go to “Register a New Station and Request Identifier ”. You will get a form that asks you all the necessary information that is needed for a new station. Your submission will be reviewed by the administrator. When the new station is accepted you can update the information like for the other station in the administration menu. You need to update especially the measurement program and contacts for the new station. Please also send a picture by email.

If there are any questions about the handling of GAWSIS, send an email to the administrator. Please provide feed-back (gawsis@empa.ch) that may help us improve this site. Thanks to all who help keep the underlying information current.