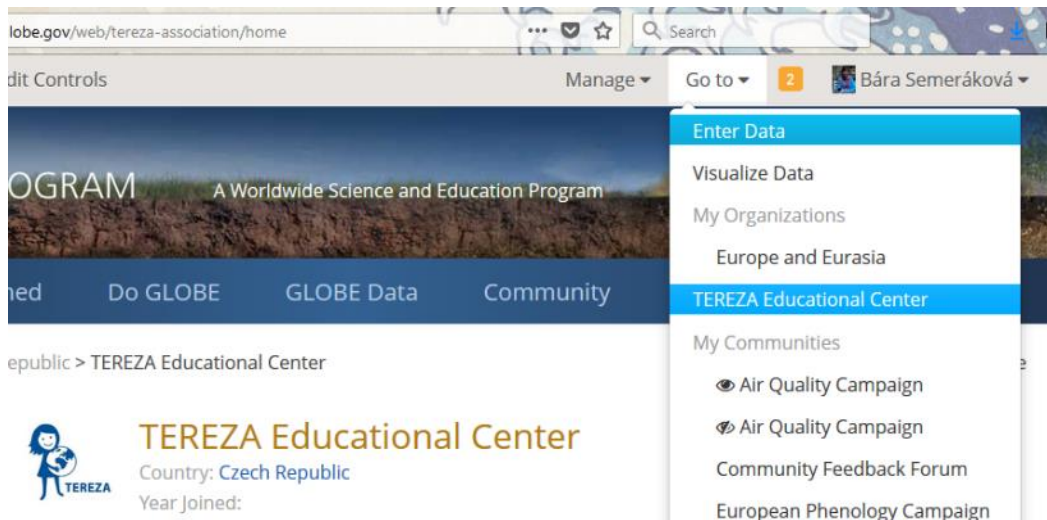


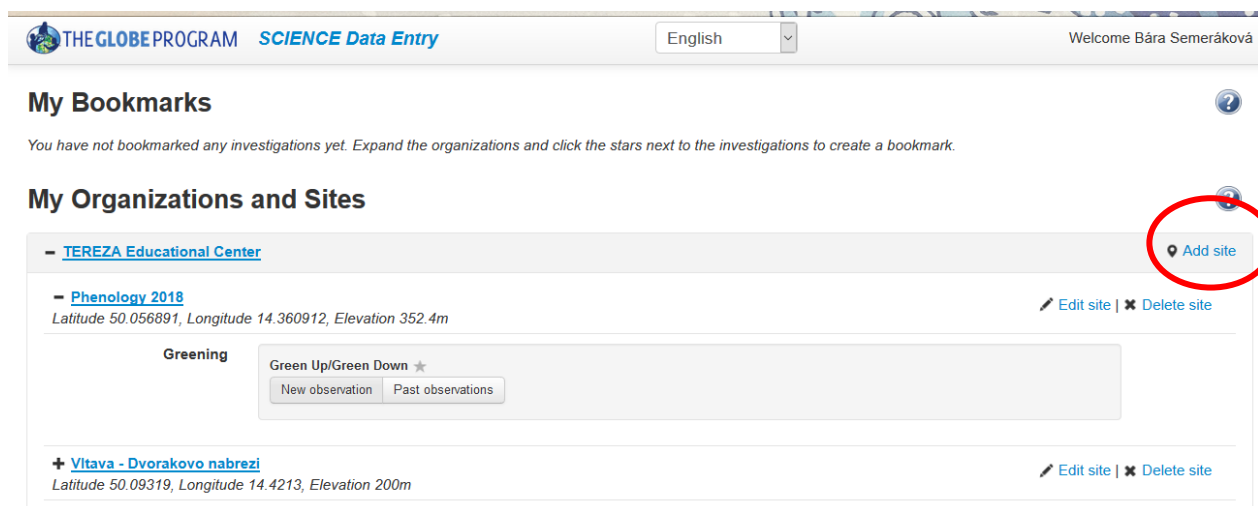
Guide – How to upload Green Down data on globe.gov

Login to globe.gov with your account

Click on the little arrow next to **Go to** and then select **Enter Data**.



This will take you to the list of your data sites (if you do not see any sites, click on the + next to the name of your school organization, the sites will unfold down). As you can see, at my organization, I have already a site called Phenology 2018. This is a site where I have 2 trees.



NOW:

- A) If you never uploaded data for your tree in past, you first need to **create a new site**. Continue to next page.
- B) If you uploaded data for the same tree in past, you most likely know what to do: you select the site from your list and start **entering data**.

1. How to create a new site

In your Data Entry menu, click on **Add site** on the right from your school name. You will define your site now:

Site Definition ?

Add site type

Atmosphere

 Atmosphere
 Surface Temperature

Hydrosphere

 Hydrology

Biosphere

 Land Cover
 Greening
 Phenological Gardens
 Lilacs

Pedosphere

 Frost Tube
 Soil Characterization
 Soil Moisture and Temperature

Photos →

Site Name * * indicates a field is required

Fill in the **Site Name** and the **Coordinates**. The easy way is to use the map: zoom in and scroll until you find the site where your tree grows. Then move the red dot to that place, you already see that the coordinates got filled automatically. Elevation will be filled automatically as well if you click on Set elevation.

Then you have to choose from the menu on the left **Biosphere – Greening**, which means that this site can be used for recording data on Green Up and Green Down protocol. This will pop up:

Data Entry Home / TEREZA Educational Center / [✖ Remove](#)

Add site type

Atmosphere

 Atmosphere
 Surface Temperature

Hydrosphere

 Hydrology

Biosphere

 Land Cover
 Greening
 Phenological Gardens
 Lilacs

Pedosphere

 Frost Tube
 Soil Characterization
 Soil Moisture and Temperature

Photos →

- Greening [✖ Remove](#)

Comment

There are multiple dominant species

Plants

This plant is in the understory [✖ Remove](#)

Vegetation Type * Genus * Species *

Tree Tilia cordata

Label *

School Tree 1

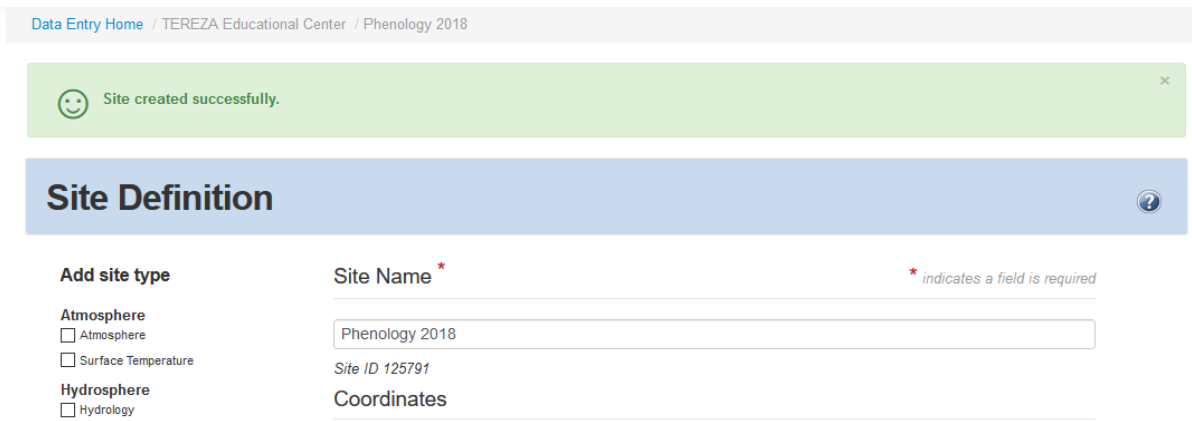
[Add plant](#)

[Create Site](#) [Reset](#)

Fill in the **Vegetation Type** (tree), **Genus** (write in latin), **Species** (choose name in latin). Then **label** your tree according to how you call your tree. If you observe more than one tree at the same site, then click on green button **Add Plant** and do the same for your second tree.

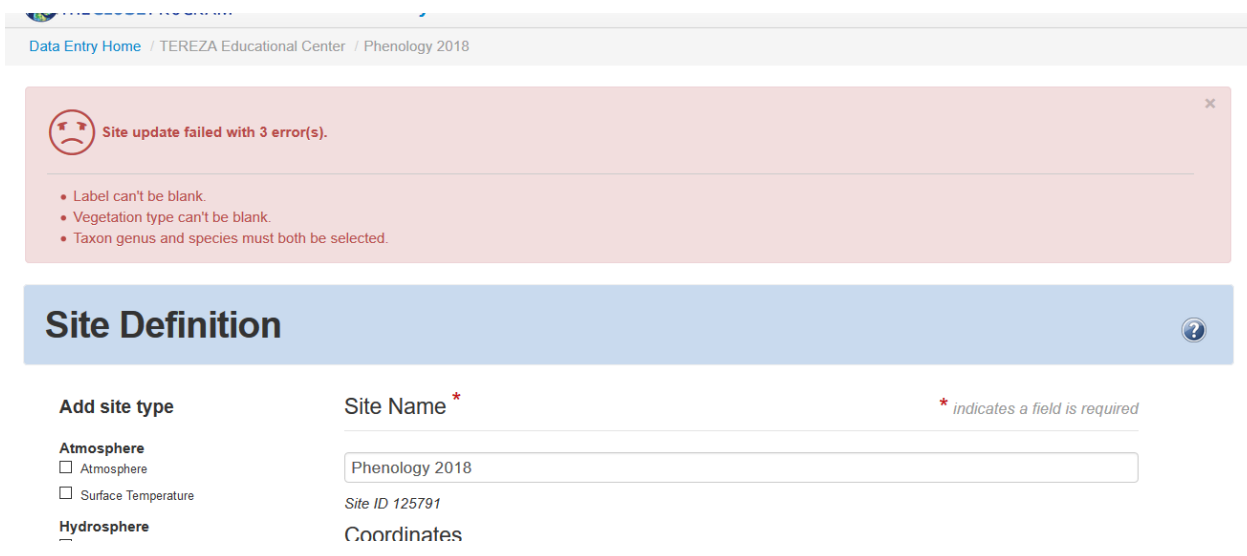
After you finish this, click on blue button **Create Site**.

You will see green smiley if you are successful:



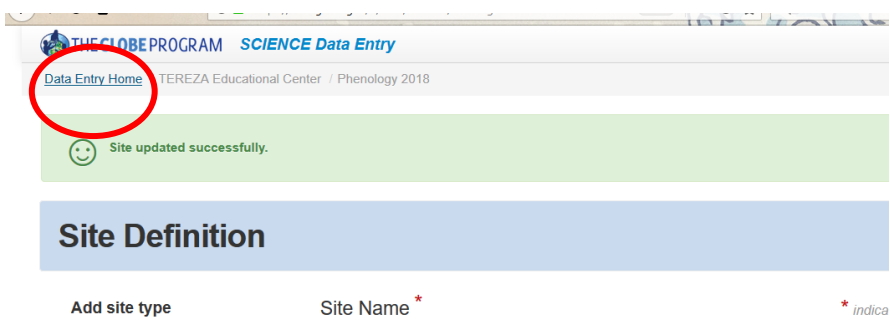
The screenshot shows a navigation bar with "Data Entry Home / TEREZA Educational Center / Phenology 2018". Below it is a green success message: "Site created successfully." with a smiley icon. The main heading is "Site Definition". Under "Add site type", there are two sections: "Atmosphere" with checkboxes for "Atmosphere" and "Surface Temperature", and "Hydrosphere" with a checkbox for "Hydrology". To the right, the "Site Name" field is filled with "Phenology 2018", and "Site ID" is "125791".

If something went wrong, you get this one. You have to add missing information (scroll down to find the place) and again confirm it.



The screenshot shows a navigation bar with "Data Entry Home / TEREZA Educational Center / Phenology 2018". Below it is a red error message: "Site update failed with 3 error(s)." with a sad face icon. The error list includes: "Label can't be blank.", "Vegetation type can't be blank.", and "Taxon genus and species must both be selected." The "Site Definition" section is identical to the previous screenshot, but the "Site Name" field is empty.

Congratulations, your site is ready now and you can start to enter the data!



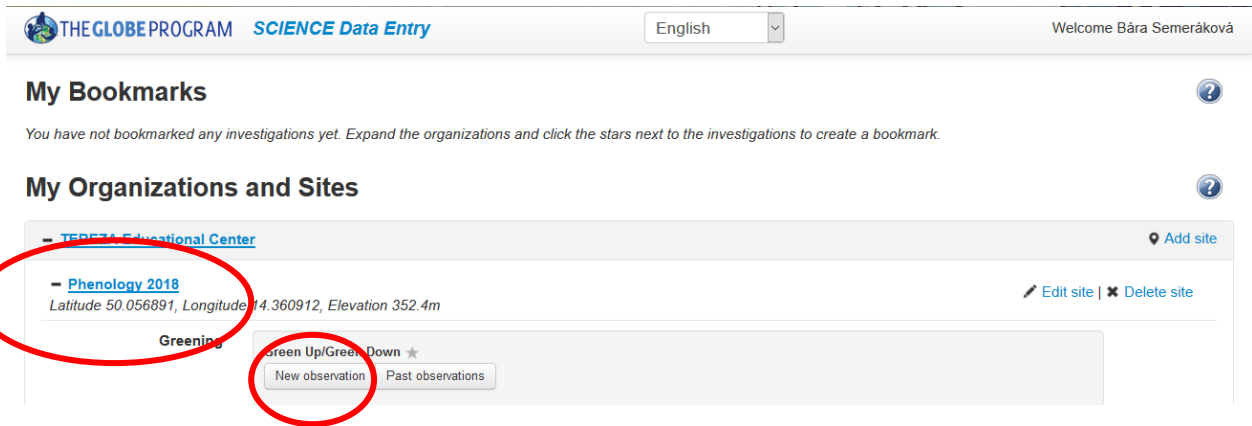
The screenshot shows the top navigation bar of the Science Data Entry page. The "Data Entry Home" link is circled in red. Below it is a green success message: "Site updated successfully." The "Site Definition" section is partially visible, showing the "Add site type" and "Site Name" fields.

The shortest way to data entry page is to click on the **Data Entry Home** in the left upper corner.

You can as well go back to globe.gov and again use that **Go to – Enter Data** shortcut.

2. How to enter data to my site

Once you are back in data entry, click on your phenology (Greening) site. Click on **+** if you can't see it.



THE GLOBE PROGRAM SCIENCE Data Entry English Welcome Bára Semeráková

My Bookmarks

You have not bookmarked any investigations yet. Expand the organizations and click the stars next to the investigations to create a bookmark.

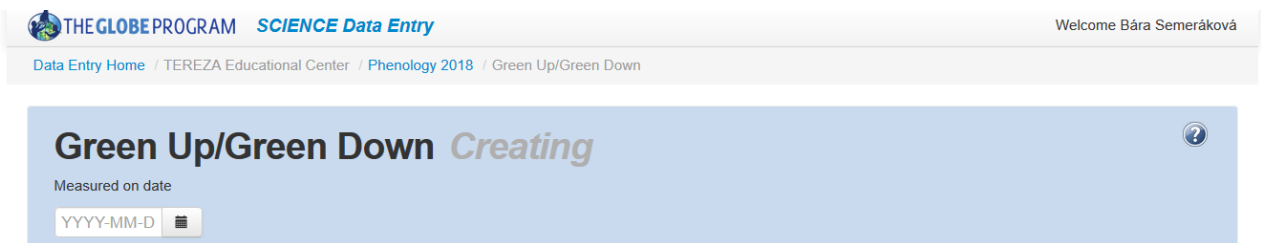
My Organizations and Sites

TEREZA Educational Center Add site

Phenology 2018 Latitude 50.056891, Longitude 14.360912, Elevation 352.4m Edit site | Delete site

Greening Green Up/Green Down * New observation Past observations

Two options will pop up: New observation or Past Observations. Click on **New Observation**. This will pop up:



THE GLOBE PROGRAM SCIENCE Data Entry Welcome Bára Semeráková

Data Entry Home / TEREZA Educational Center / Phenology 2018 / Green Up/Green Down

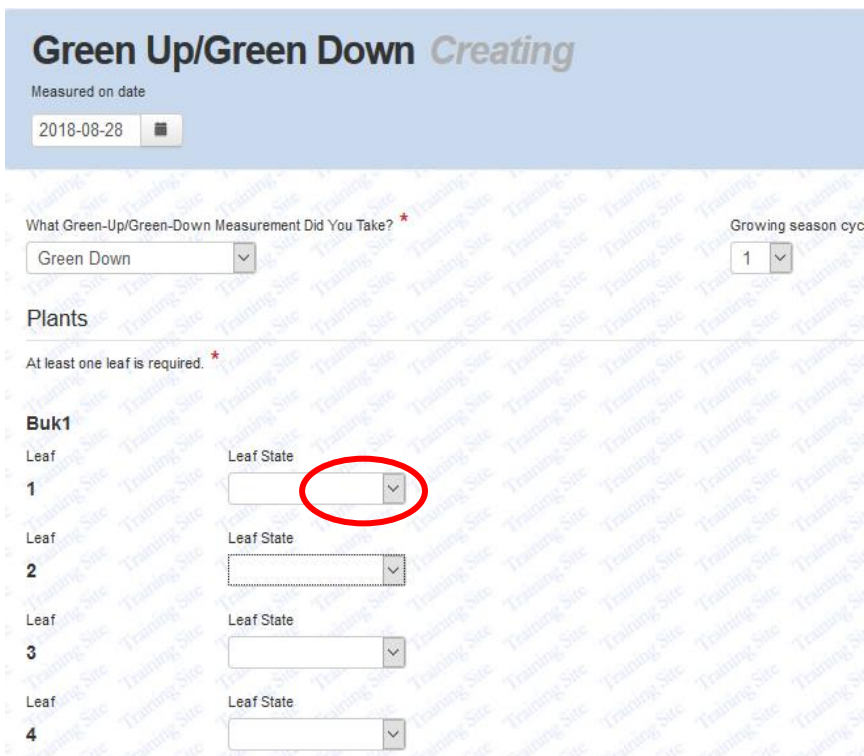
Green Up/Green Down Creating

Measured on date

YYYY-MM-DD

The first thing you have to do is to select a date. Pick the earliest date when you started to observe the leaf. After selecting the date, more fields will come: Select **Green Down** and fill in **Growing season cycle** (this will be mostly 1 for European region).

After filling this, the fields pop up for you to fill in data for each leaf. Under the heading Plants you see the name of your tree and four rows, each for one leaf:



Green Up/Green Down Creating

Measured on date

2018-08-28

What Green-Up/Green-Down Measurement Did You Take? * Green Down Growing season cycle 1

Plants

At least one leaf is required. *

Buk1

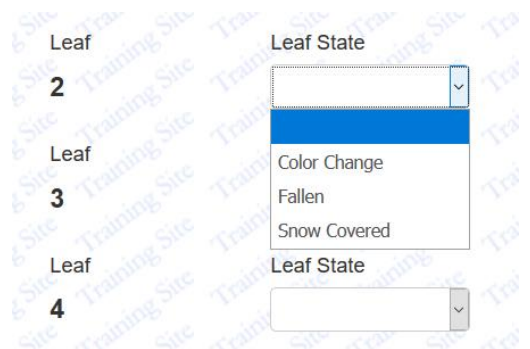
Leaf 1 Leaf State

Leaf 2 Leaf State

Leaf 3 Leaf State

Leaf 4 Leaf State

Select **Leaf State** from drop down menu for each leaf.



Leaf 2 Leaf State

Leaf 3 Leaf State

Leaf 4 Leaf State

Color Change

Fallen

Snow Covered

Repeat for all your trees.

Confirm by clicking on the blue button
Send Data

You will again see green smiley if you are successful.

The screenshot shows the top navigation bar with 'THE GLOBE PROGRAM SCIENCE Data Entry' and 'Welcome Bára Semeráková'. Below it is a breadcrumb trail: 'Data Entry Home / TEREZA Educational Center / Phenology 2018 / Green Up/Green Down'. A green notification banner at the top says 'Observation updated successfully. Print this submission, view observations or create a new one.' The word 'create' is circled in red. Below the banner is the 'Green Up/Green Down Editing' section with a 'Measured on date' field set to '2018-04-19'.

To enter data for a **next date**, click on the blue link **Create a new one**. Then you repeat the steps.

To view the data you entered click on **View Observations**. You will see the list of your observations according to dates. Here you can correct the data (click on the date) or delete the record.

The screenshot shows the 'Past Observations for Green Up/Green Down' section. It includes a date range filter from '2018-03-19' to '2018-04-18'. Below the filter, it says 'Measured at time in UTC'. A table lists one observation: '1' with the date '2018-04-19 00:00 UTC' and a 'Delete' button.

The data entered you can see also on your **school page** under the heading Most Recent Measurements. You again go to globe.gov, then in **Go to** click on your school. This will bring you to your school page, then scroll down to see this:

The screenshot shows the 'MOST RECENT MEASUREMENTS' section. It has a checkbox for 'Include citizen science sites' which is checked. Below is a table with columns: Site Name, Protocol, Protocol Set, and Date.

| Site Name | Protocol | Protocol Set | Date |
|----------------|----------|---------------------|------------|
| Phenology 2018 | Greening | Green Up/Green Down | 04/19/2018 |

If you need more help on data entry in general, please watch the video guides here:

<https://www.globe.gov/get-trained/using-the-globe-website/entering-measurement-data>

<https://www.globe.gov/get-trained/using-the-globe-website/setting-up-your-data-site>