

# Guide – How to upload data to the GLOBE Database

There are three options for entering data into the GLOBE database. You can choose one option or try different ones and choose the one that suits you best. The data will always be uploaded to the same database and will be available for your further research.

## 1. Old desktop forms

This is the traditional way of entering data from a computer. You may be familiar with this way of entering data from earlier work with GLOBE data. Below you will find detailed instructions.

## 2. New desktop forms

A new way of entering data from a computer. A user-friendly approach similar to the one used in GLOBE Observer. This data entry method is well documented in the online tutorials.

## 3. Mobile app – GLOBE Observer

An easy way to enter greenings and tree height data from your mobile phone. You can download the app and find detailed instructions here: <https://observer.globe.gov/>. You will also find detailed video tutorials here: <https://www.globe.gov/get-trained/tutorial-center/data-entry>

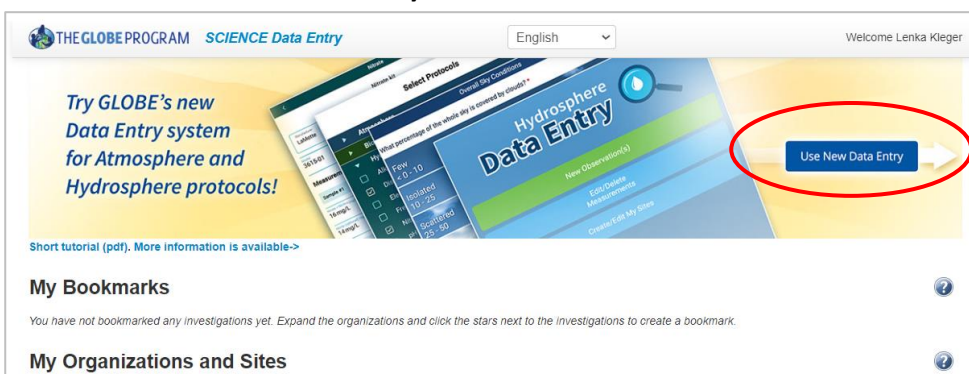
## Entering data - desktop forms

Login to [globe.gov](https://globe.gov) with your account.

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

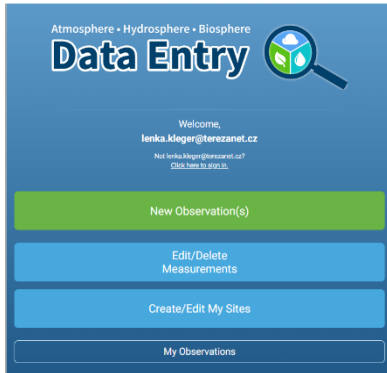


This will automatically take you to the “Old desktop forms” interface. To switch to “New desktop forms” click on the arrow “Use New Data Entry”.



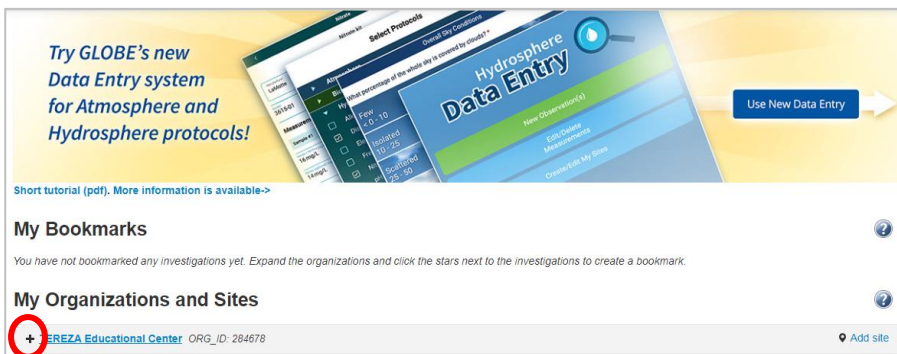
## To continue with “New desktop forms”

After choosing the “New desktop forms” option, you will be redirected to the screen below. Follow the New Data Entry Forms Tutorials that are available here: <https://www.globe.gov/get-trained/tutorial-center/data-entry>

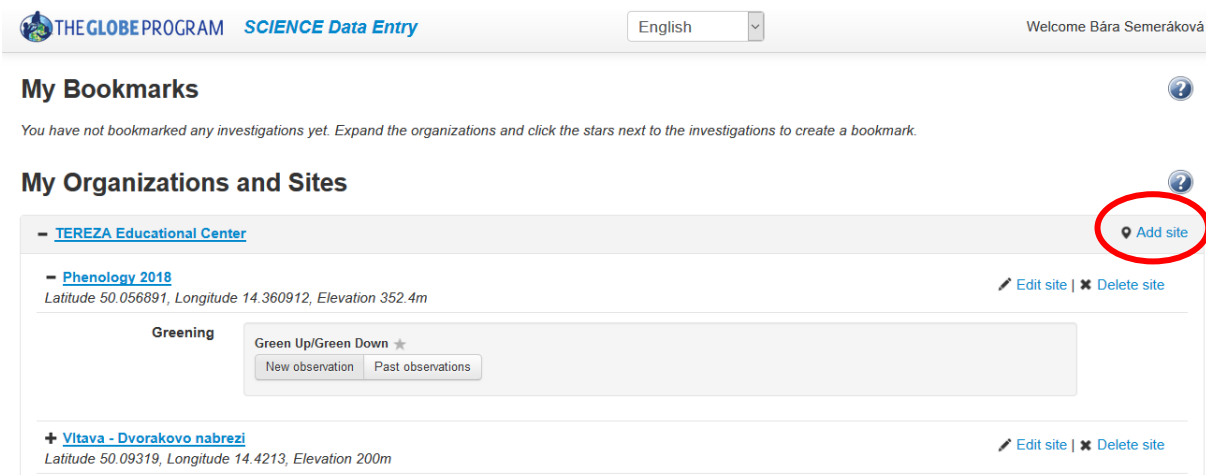


## To continue with “Old desktop forms”

You will continue working on the initial data entry page. There you will see a 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


**Coordinates**

**Latitude** \*  °  
 North  South

**Longitude** \*  °  
 East  West

**Elevation** \*  m

**Source of Coordinates Data** \*  
 GPS  Other



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 /

**Add site type**

**Atmosphere**  
 Atmosphere  
 Surface Temperature

**Hydrosphere**  
 Hydrology

**Biosphere** (circled)  
 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 \*


Label \*

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:

Data Entry Home / TEREZA Educational Center / Phenology 2018

 Site created successfully. ✕

**Site Definition** ?

**Add site type**

**Atmosphere**  
 Atmosphere  
 Surface Temperature

**Hydrosphere**  
 Hydrology

**Site Name** \* \* indicates a field is required

Site ID 125791

Coordinates

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

Data Entry Home / TEREZA Educational Center / Phenology 2018

Site update failed with 3 error(s).

- Label can't be blank.
- Vegetation type can't be blank.
- Taxon genus and species must both be selected.

## Site Definition

Add site type

Atmosphere  
 Atmosphere  
 Surface Temperature

Hydrosphere

Site Name \* \* indicates a field is required

Phenology 2018

Site ID 125791

Coordinates

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

THE GLOBE PROGRAM SCIENCE Data Entry

Data Entry Home / TEREZA Educational Center / Phenology 2018

Site updated successfully.

## Site Definition

Add site type

Site Name \* \* indicates a field is required

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

**+ Vitava - Dvorakovo nabrezi** Latitude 50.09319, Longitude 14.4213, Elevation 200m Edit site | Delete site

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

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 bud. After selecting the date, more fields will come: Select **Green Up** and fill in **Growing season cycle** (this will be mostly 1 for European region).

## Green Up/Green Down *Creating*

Measured on date

2023-03-02

What Green-Up/Green-Down Measurement Did You Take? \*  
Green Up

Growing season cycle number \*  
1

Plants

At least one leaf is required. \*

School Tree 1

Leaf	Leaf State
2	Budburst
3	Dormant
4	Swelling
	Budburst
	Length Measurable
	Lost

Comments

After filling this, the fields pop up for you to fill in data for each bud/leaf.

Under the heading Plants you see the name of your tree and four rows, each for one leaf/bud.

Select **Leaf State** from drop down menu for each leaf. 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 GLOBE PROGRAM SCIENCE Data Entry Welcome Bára Semeráková

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

Observation updated successfully. [Print this submission](#), [view observations](#) or [create a new one](#).

## Green Up/Green Down *Editing*

Measured on date

2023-03-02

What Green-Up/Green-Down Measurement Did You Take? \*  
Green Up

Growing season cycle number \*  
1

\* indicates required sections or fields

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.

### Past Observations for Green Up/Green Down



From 2022-11-01 To 2023-04-17

Measured at time in UTC

1 2023-03-02 00:00 UTC

Delete

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:

### MOST RECENT MEASUREMENTS

Include citizen science sites

Site Name	Protocol	Protocol Set	Date
Phenology 2018	Greening	Green Up/Green Down	04/19/2023