EGI Carbon Portal Test User Manual

Introduction

EGI Carbon Portal is a tool whose goal is to bring all Carbon Capture and Sequestration information into one website. By placing this data in a single, convenient location, it will hopefully lower the barriers to CCS development.

EGI Carbon Portal consists of the main application (**EGI Carbon Portal**) and support applications (such as **EGI Carbon Portal Corpus**) that work together to make this goal possible, as well as address all administrative needs.
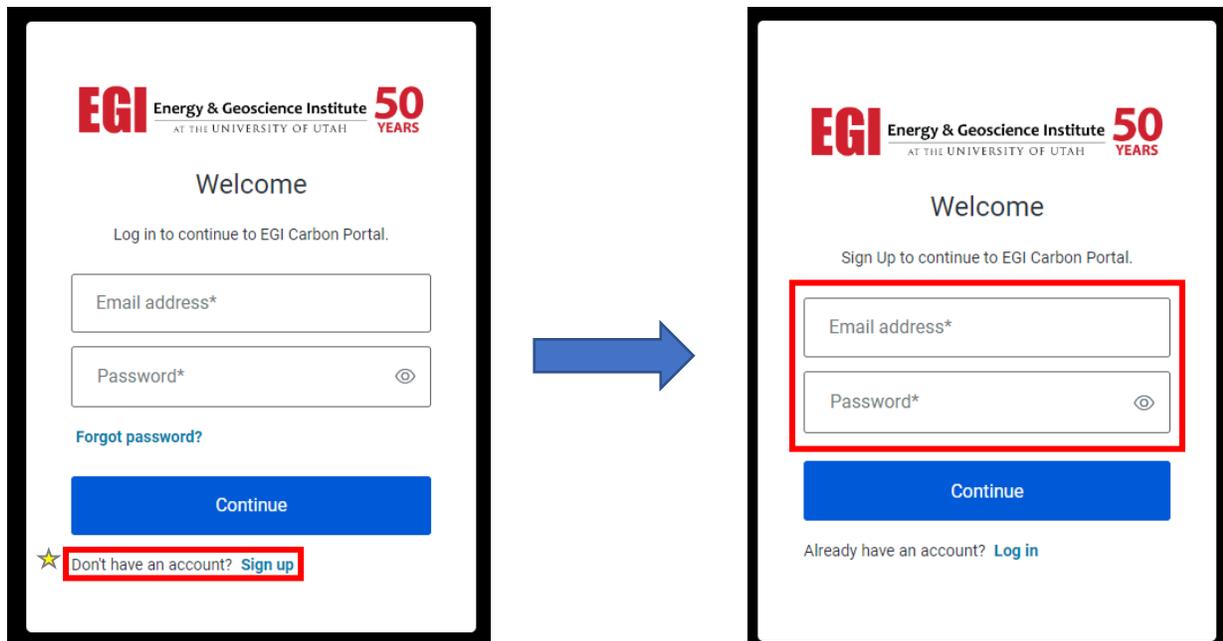
This document gives a hands-on example for using **EGI Carbon Portal.**

Register and login

1) Enter **EGI Carbon Portal** (https://test.ui.carbonportal01.egiu.net) and click the "Login" button at the top right-hand corner.
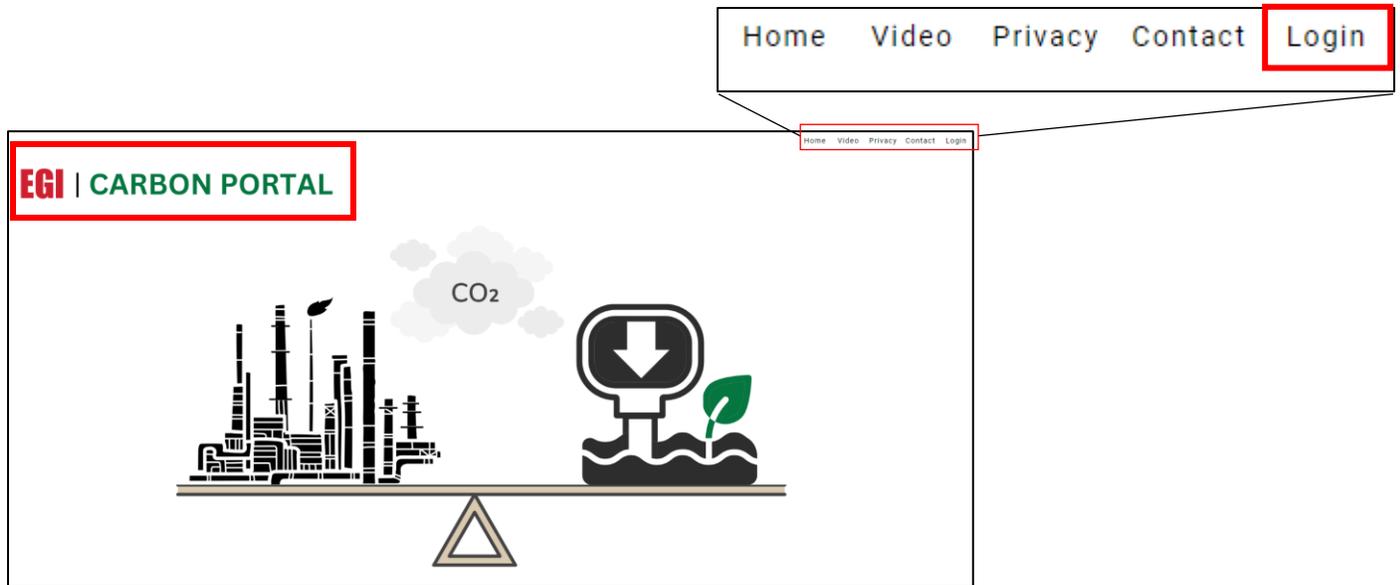
2) If this is your first-time accessing Carbon Portal, click "Sign up" at the bottom of the login box. Enter your preferred email and password, then click continue.

3) You should now be on the "Database Access" page. This will allow you to view all of the available data processed and indexed in the database.
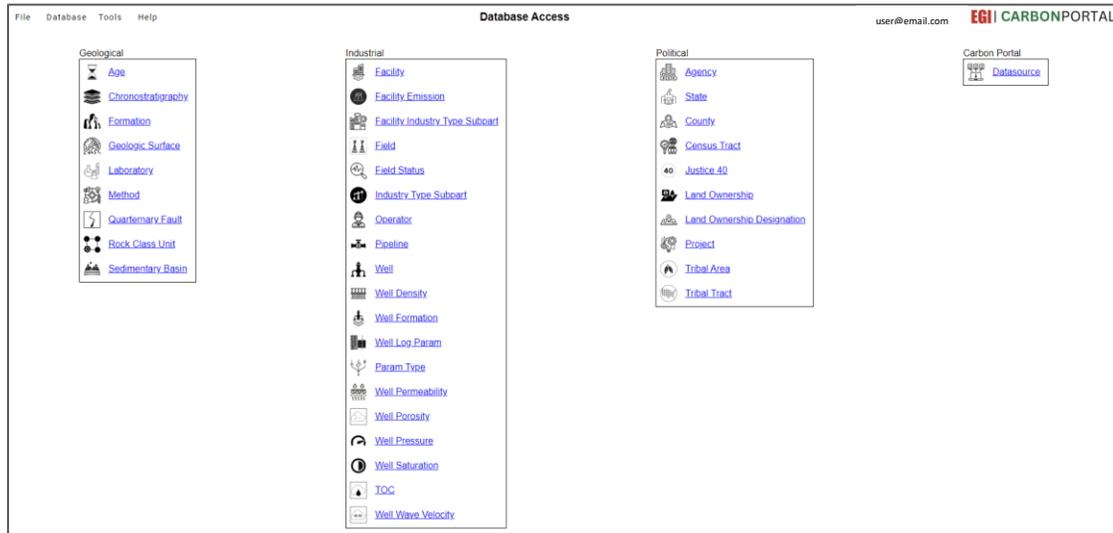
Access Data in the Database: Formations

The following instructions will guide you to view formation data, send it to the My Map application, and download the original data.

1) Under the *Geological* category, click *Formation.* A list of formations in the database appears.
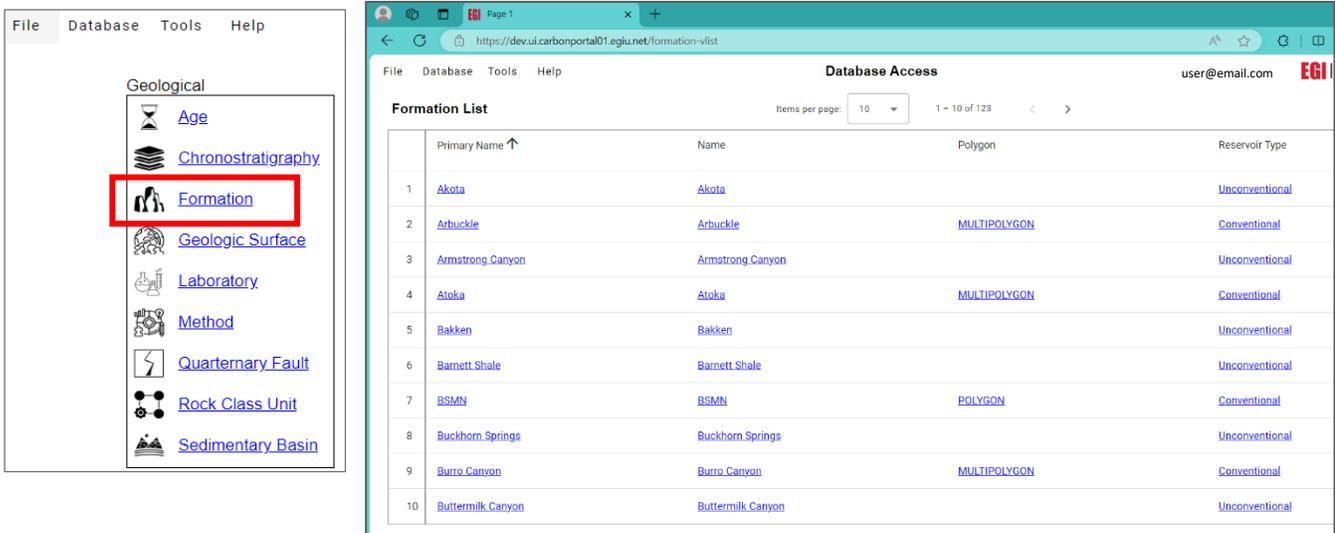

2) The *Formation List* will show whether geospatial data is available under the *Polygon* column with the tag "POLYGON" or "MULTIPOLYGON" (click to see the Polygon). The Reservoir Type column provides the Conventional/Unconventional classification for each formation.

By clicking on either Conventional or Unconventional, then the three lines next to the Name, you will be able to view the definition for these terms.
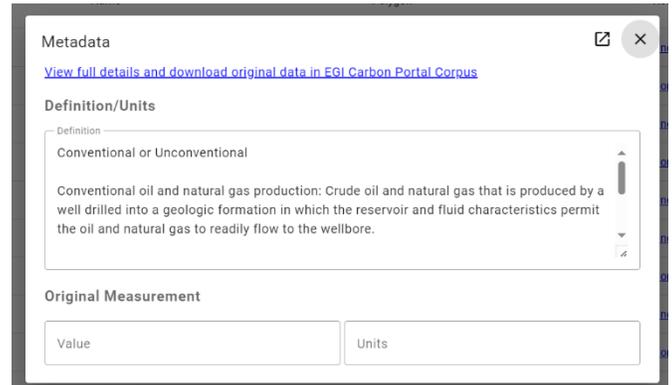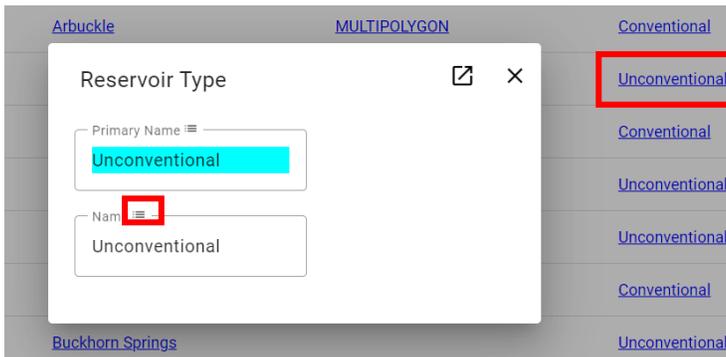
3) To filter a specific formation name, click on *Primary Name* and type in "Yates". Then click the check mark ✓ at the top right-hand corner of the filter box.
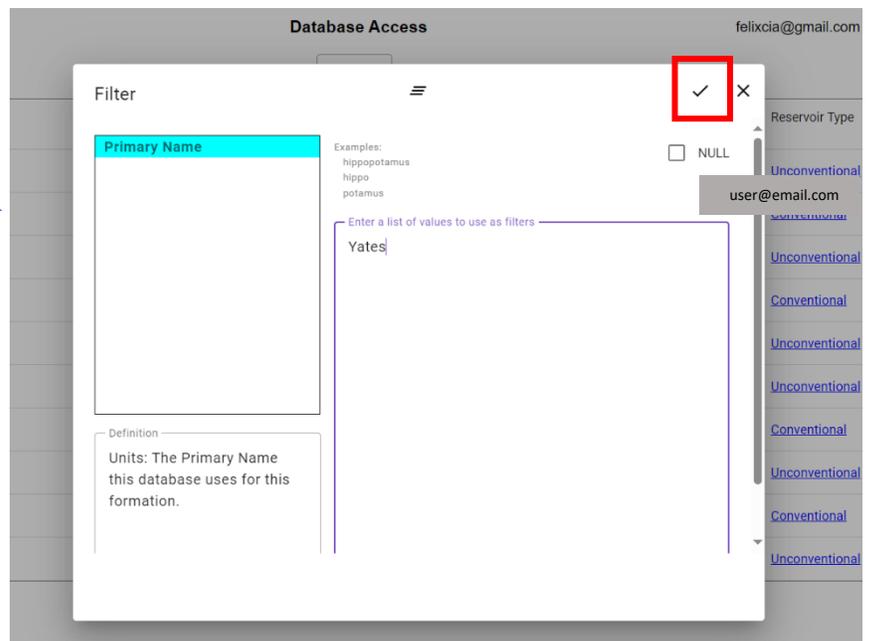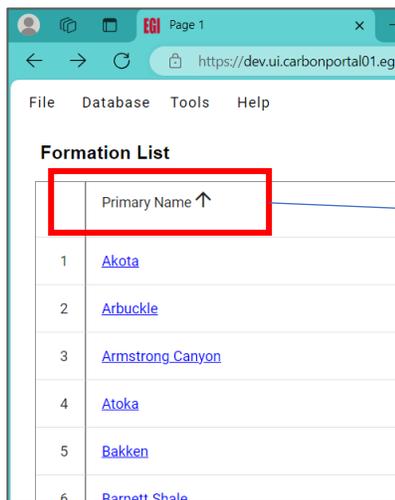

The formation record for "Yates" will appear.

To unfilter, select Primary Name again, delete the formation name and click the check mark ✓.

3) To view the formation data in *My Map* application, click on *Tools* and select *My Map*. A second page will appear with the tab heading *Page 2*. The goal is to move the formation data from the Database Access (Page 1) to My Map (Page 2).
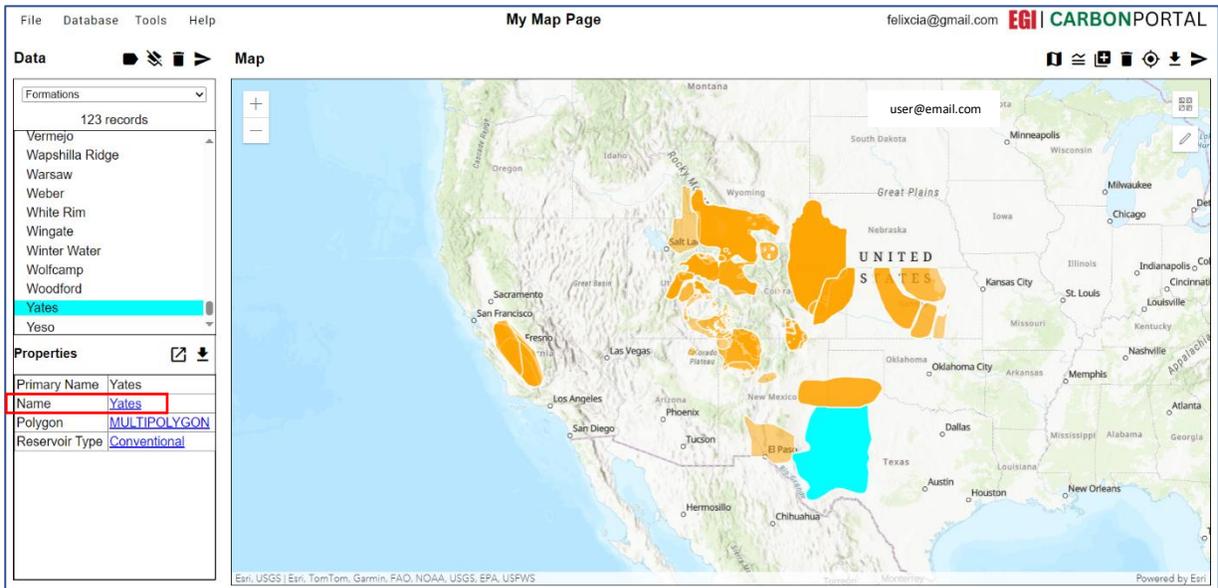
Return to Page 1, click on the Send icon ➤ located on the top right.
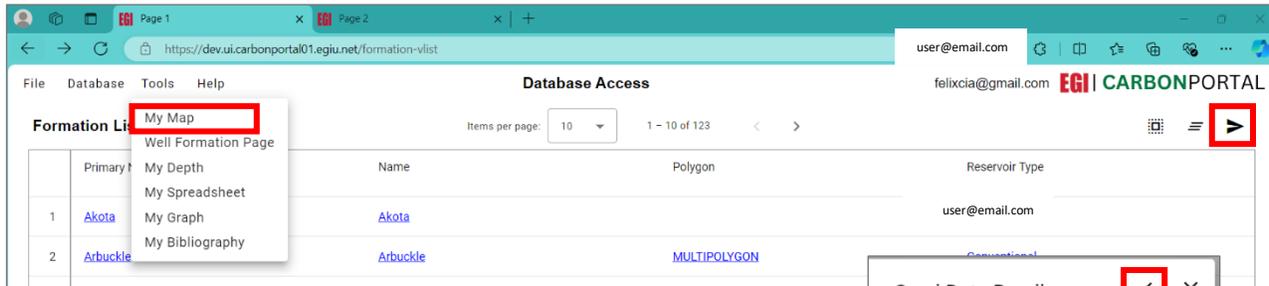
Create a Bundle Name ("Formations"), then under *To:* select *Page 2* to highlight. This will tell the program to Send all data to *Page 2 – My Map*. Confirm by clicking the check ✓.
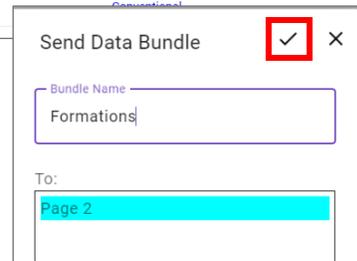
3) Switch to Page 2. Scroll down the formation list to find one of interest, such as "Yates". Click on the *Name* attribute under the properties pane.

The *Name* properties box will open. Click on the menu icon to open the *Metadata* box for more information on the Yates formation.
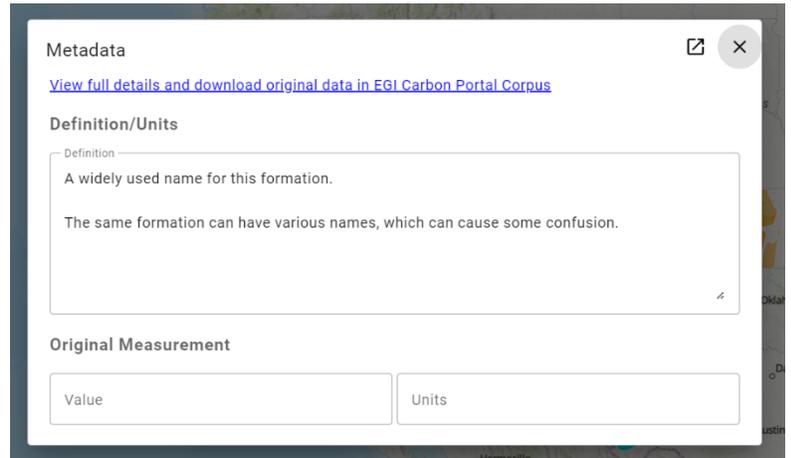
5) To access the source of the Yates formation data, select the link "View full details and download original data in EGI Carbon Portal Corpus".

This will take you [View full details and download original data in EGI Carbon Portal Corpus] **rpus**, which tracks the extraction of data from thousands of files. Notice that the Program, Funding Source, Project Site, Contribution Information, Citation, location in the Corpus (large body of files), Type of Data, involved states and other data are all available for public viewing.
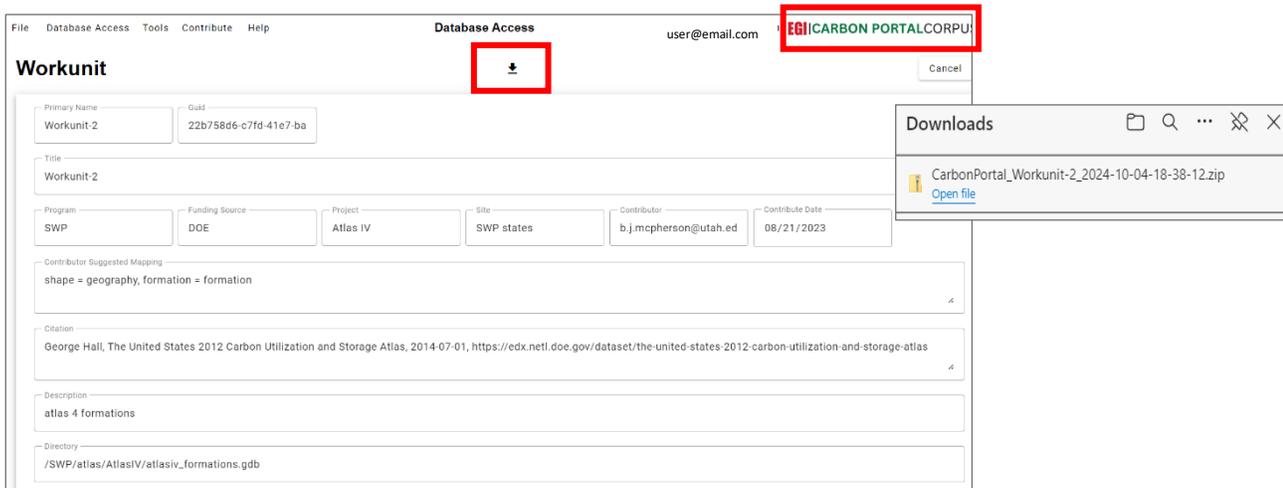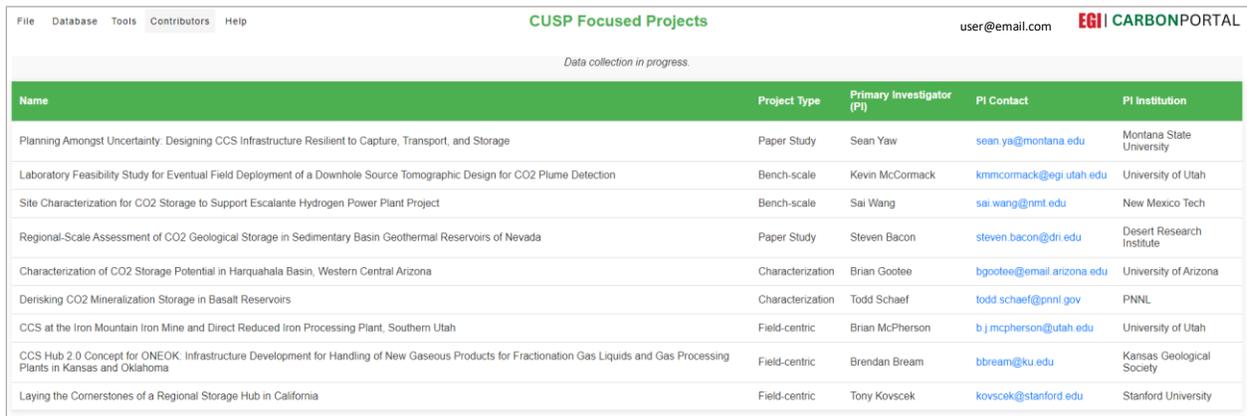

From here the formation file geodatabase can be downloaded by clicking on the down arrow. The data will be zipped with the name of the program, workunit # and date. The stakeholder now has possession of the original data.

CUSP Focused Projects

To view the list of CUSP Focused projects and PI information, click on *Contributors* in the menu on the top left and select *CUSP* in the dropdown.

Data for these projects are currently being acquired and will be added to the database.

4) Conclusion

The program **EGI Carbon Portal** contains a large amount of organized scientific data from various categories and sources. This data is easy to query and to visualize so as to assist the stakeholder in finding solutions for Carbon Capture and Sequestration.

The program **EGI Carbon Portal Corpus** shares the same login as **EGI Carbon Portal** and describes the source of all data in **EGI Carbon Portal**. This allows the stakeholder to have easy access to the original files and their provenance.