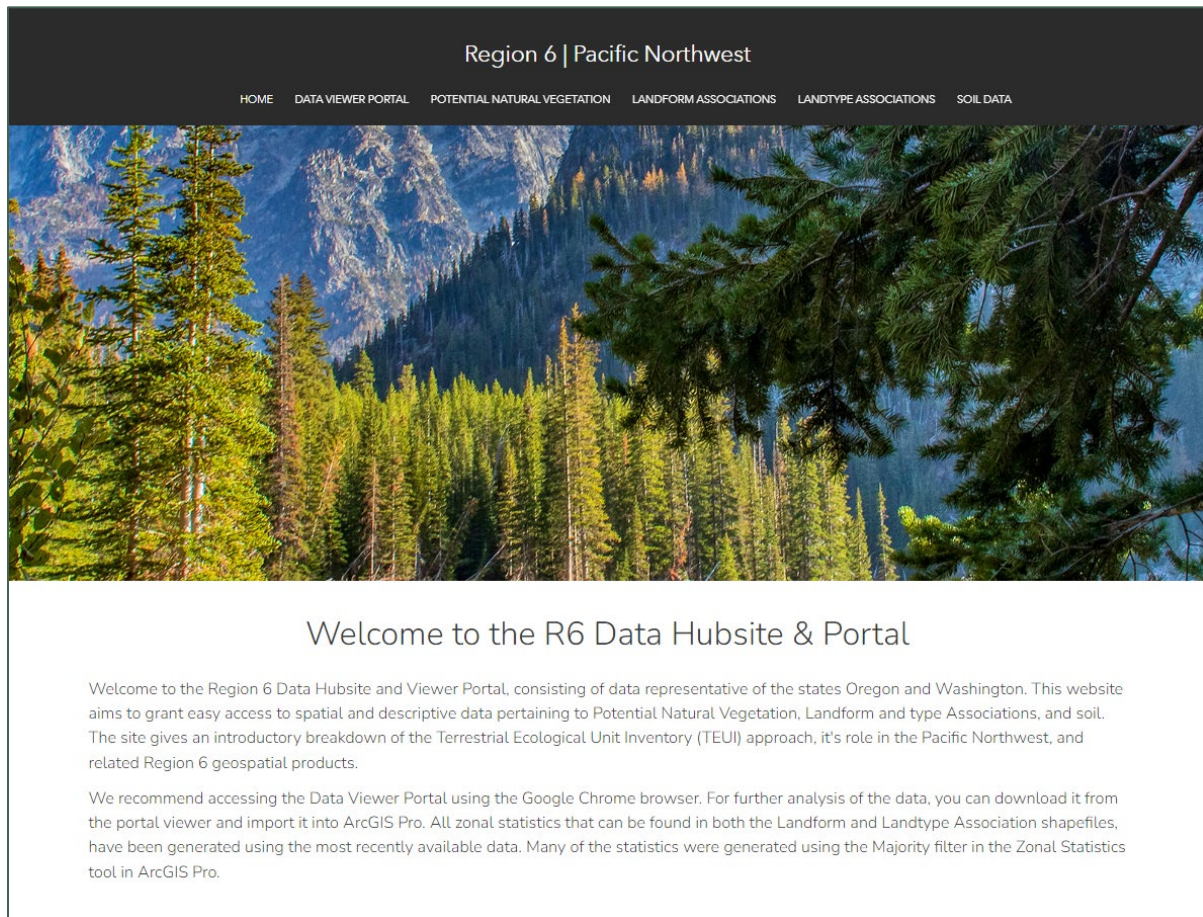


How to Guide: R6 TEUI Portal



Introduction

The Terrestrial Ecological Unit Inventory (TEUI) is a system to classify ecosystem types and map ecological units (USDA). Region 6 specialists have come together with the Geospatial Technology and Applications Center to build the Region 6 Data Hubsite and Portal where data representative of landform associations, landtype associations, potential natural vegetation, soils, and more can be accessed and downloaded for analysis in one place. This How-To Guide walks users through accessing the portal to view, add, and download data from this site.

Objectives

- Navigate to the Region 6 Data Hubsite and Portal to access the Data Viewer Portal.
- Add your own data to the portal so that it can be viewed alongside Region 6 data.
- Download data and an ArcGIS Pro template so that the data can be analyzed in desktop software or a virtual environment.



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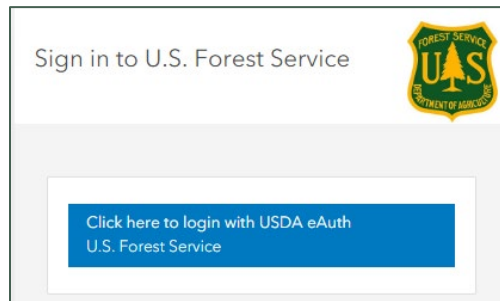
Part 2: Accessing Data 5

Part 1: Accessing the Portal

In Part 1 of this How-To Guide, you will log in to ArcGIS Online and navigate to the Region 6 Data Viewer Portal.

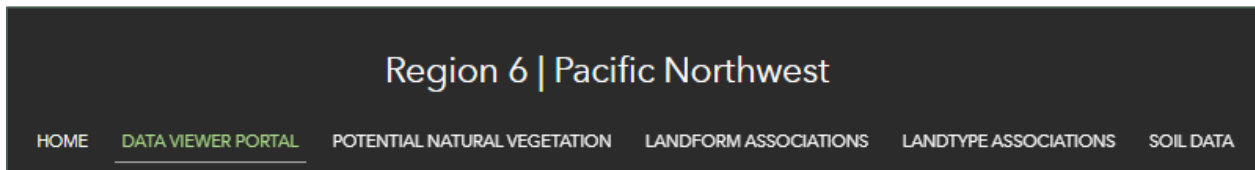
A. Login to ArcGIS Online (AGOL) (Optional)

1. Open Google Chrome: this will be the best browser to view ArcGIS Online content.
2. To ensure you can access all content on the Region 6 Data Portal, first visit [ArcGIS Online](#) and log in with your Forest Service (USFS) credentials.
 - i. When you are prompted to enter your login information, click on the top button to use your Department of Agriculture (USDA) eAuth login.

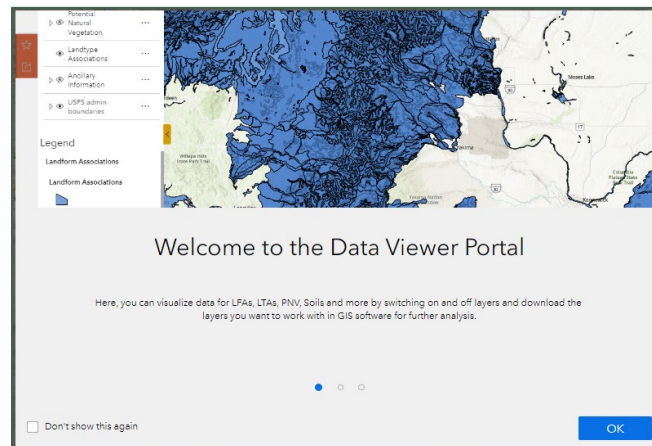


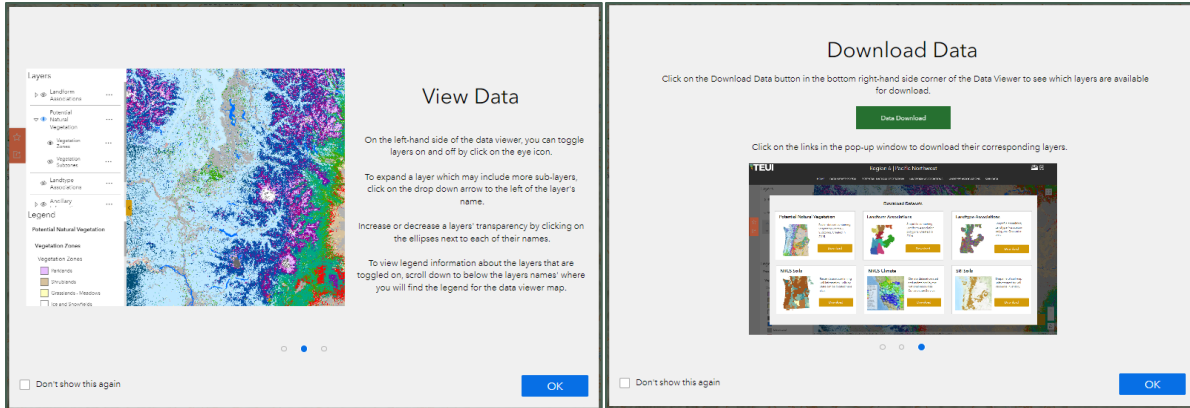
B. Access the R6 TEUI Data Portal

1. Open a new window in your Google Chrome browser and visit the [Region 6 Data Hubsite and Portal](#).
2. Navigate to the Data Viewer Portal tab, shown below.



3. Read through the windows on the splash page to gain a quick overview of the Data Portal and where items are located within it.





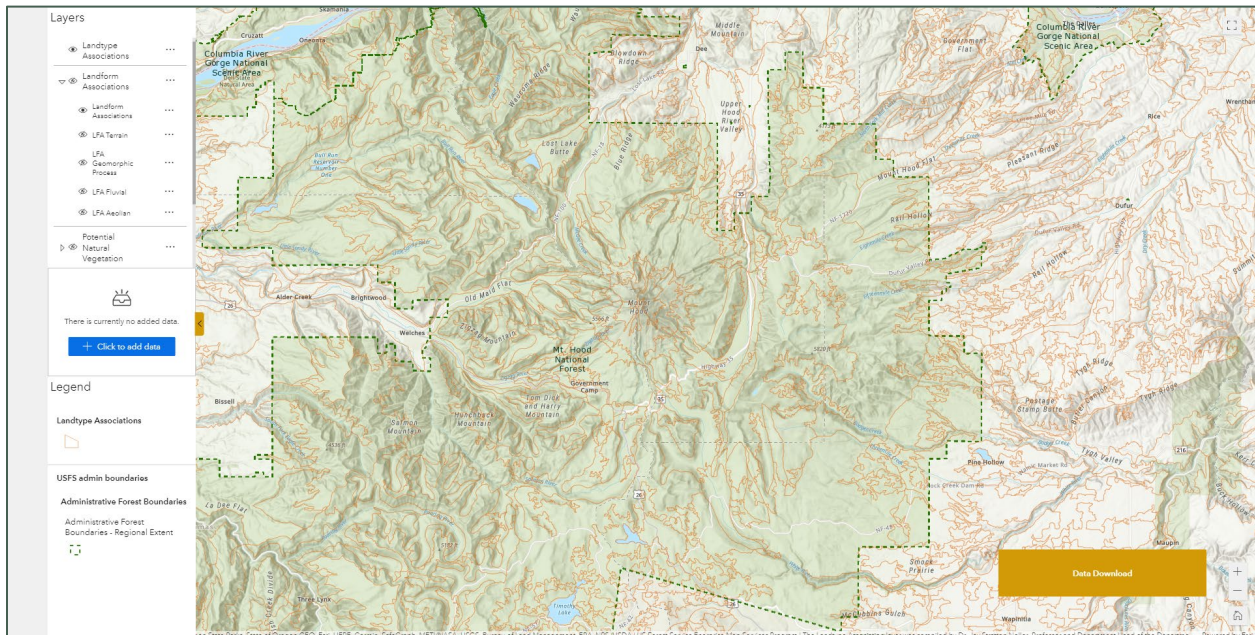
4. Check the **Don't show this again** box if this is your preference when accessing the Data Portal in the future. Then click **OK**.

Part 2: Accessing Data

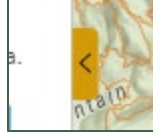
In this part of the How-To Guide, you will learn how to view, add, and download data. Additionally, you will learn how to download the ArcGIS Pro template for easy access to all the data in ArcGIS Desktop software, whether locally or via a virtual environment.

A. Viewing Data

1. Once you are in the Data Viewer Portal, you can turn layers on and off to display a variety of data. Locate your Layers on the left-hand side of the screen. Note that the Landtype Associations layer is already visible.

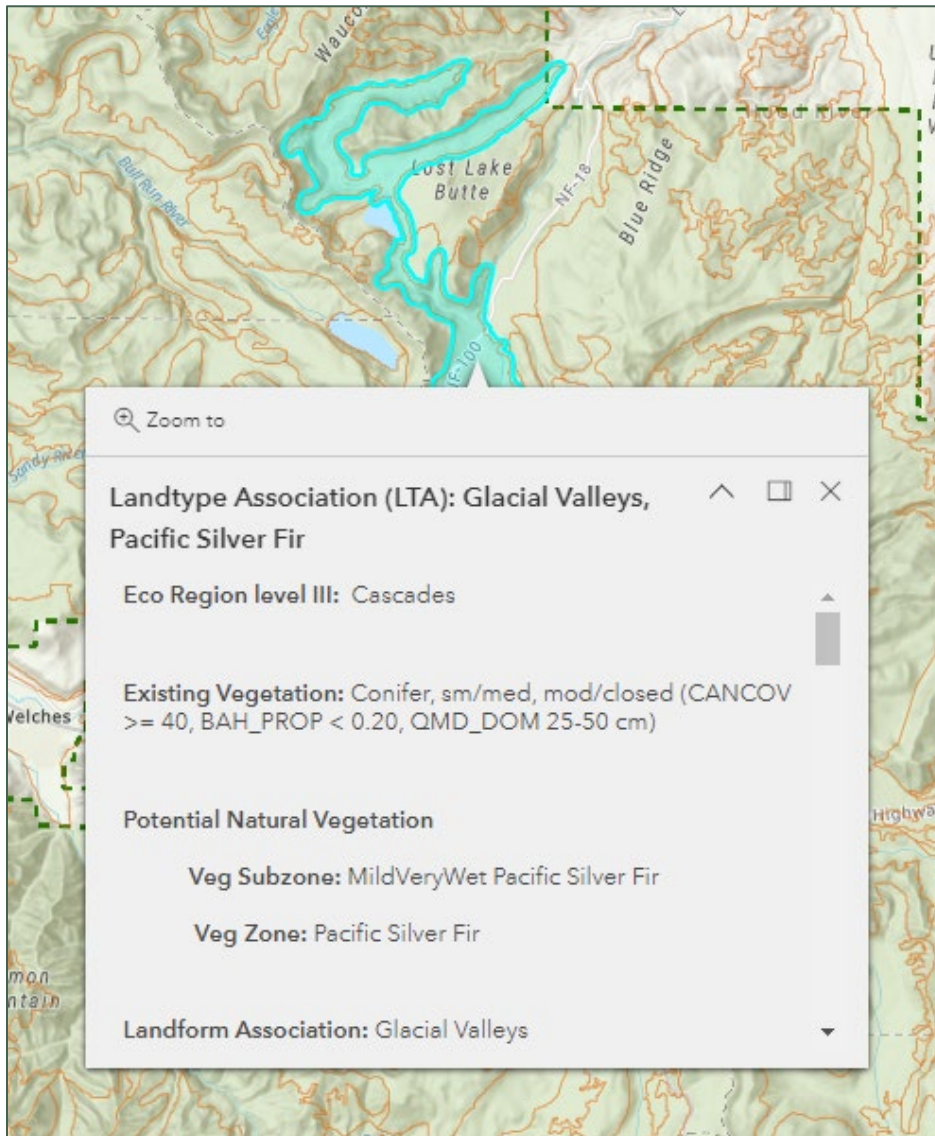


2. If you want to expand your view of the map and hide the Layers and Legend menus, click on the yellow arrow located halfway down the right-hand side of the menu.



3. To reopen the menu, click on the yellow arrow again.
4. To view information about Landtype Associations, click on a polygon in the main map. A pop-window will open with information about the polygon you have selected.
 - i. Continue to scroll down through the pop-up window to access all the information contained within the attribute table of this feature class.

NOTE: Attribute table information is available in the form of a pop-up window for both the Landtype Association and Landform Association layers. For these two layers, various zonal statistics have been generated and are available to you. A NoData value for any attributes will be displayed as an empty entry.



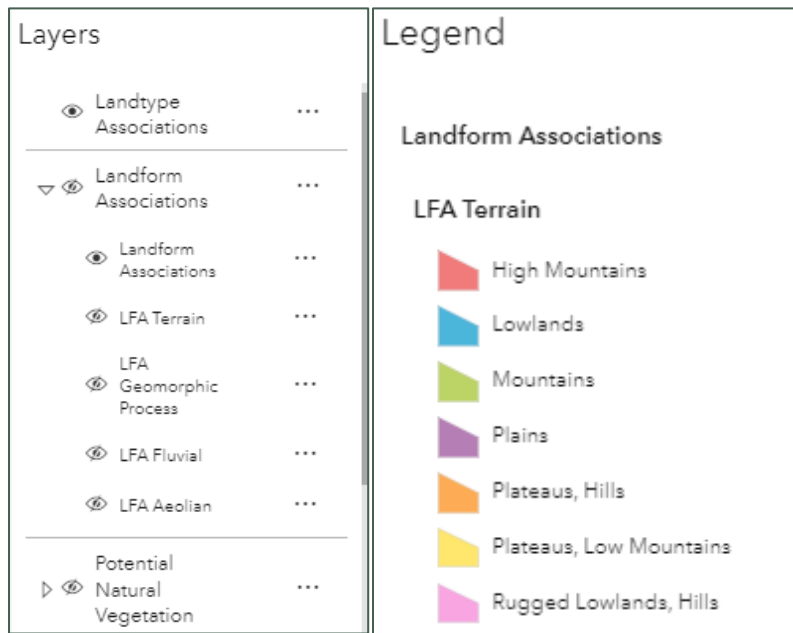
5. Click on the **X** in the top right-hand side corner of the pop-up window to close it.
6. Turn off the Landtype Association layer by clicking on the eye icon.



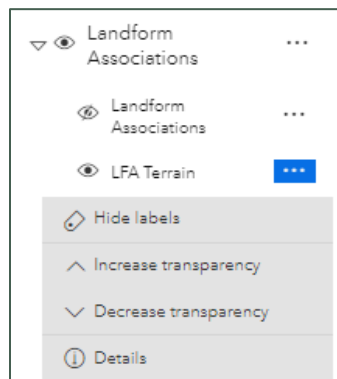
- i. You will see a line appear through the icon once the layer has been turned off successfully.
7. Turn on the Landform Associations by clicking on the same icon and hit the drop-down menu arrow to the left of the eye icon to see all layers nested within it, shown below. Take turns clicking each layer on and off and clicking on polygons in the main map view to see information about them.

NOTE: Some layers may take a couple of minutes to load. Additionally, you may need to zoom in further for some layers to display.

- i. When you click different layers on and off, you will see the legend in the bottom left-hand corner update, shown below.

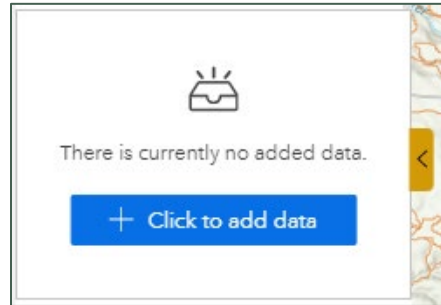


- ii. Experiment toggling on and off various layers and displaying them as overlays by clicking on the ellipses and changing the transparency levels.



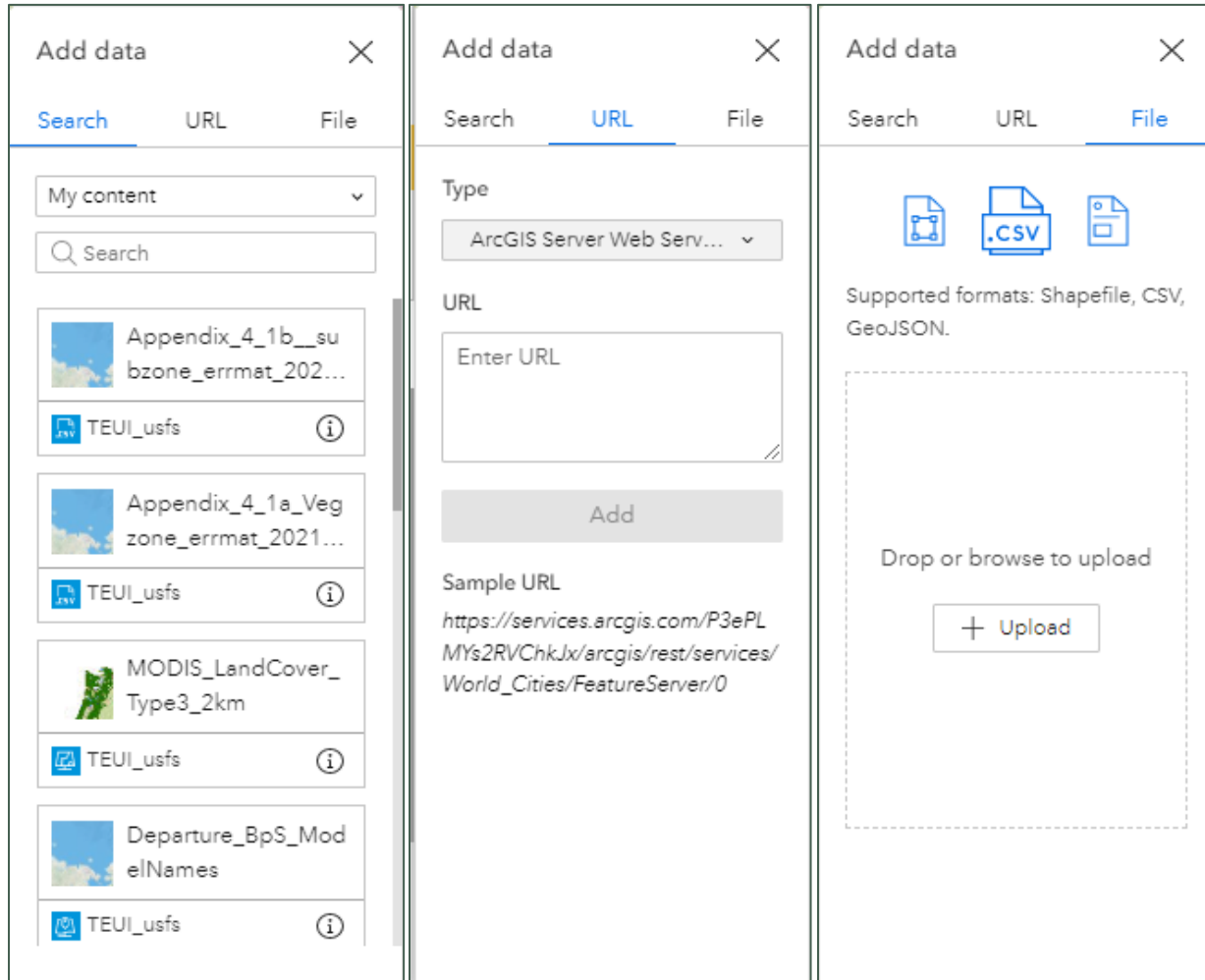
B. Adding Data

1. On the left-hand side menu, click on the button **Click to add data**, shown below.



2. Use the tabs across the top of the window that appears to search for files that you want to add.

- i. You can select files by searching for your ArcGIS Online content, via a URL, or by uploading a file.



- i. To add data that is stored on ArcGIS Online, use the dropdown menu under the **Search** tab to select a group or organization where your content lives, or Living Atlas. Once you have selected your data, click **Done**.
- ii. To add data via a URL, use the dropdown menu under the **URL** tab to select what type of server it is coming from. Once it has been entered, hit **Done**.
- iii. You can also use the **File** tab to upload a shapefile, a CSV or GeoJSON. Drag and drop your file into the dashed box area or click on **Upload** and navigate to your file. Click on your file, followed by **Open**, and **Done**.

C. Downloading Data

1. Navigate to the bottom right-hand side of the screen and click on the **Data Download** button, shown below.



2. A window will pop up displaying several datasets from the Data Viewer Portal that are individually available for download.

Download Datasets

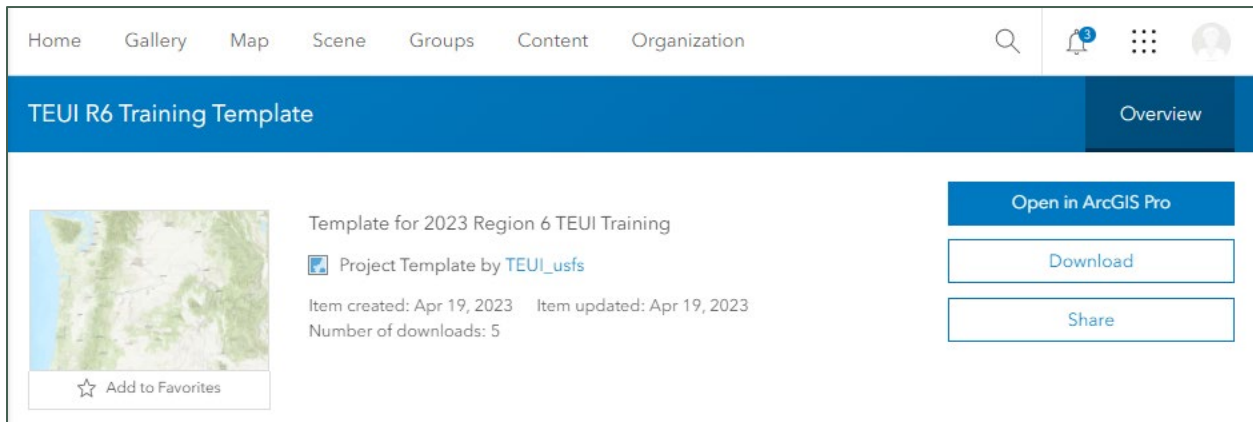
<div style="border: 1px solid #ccc; padding: 5px;"> <p>Potential Natural Vegetation</p> <p>Raster dataset containing Vegetation Zones & Subzones. Created in 2015.</p> <p style="text-align: center;">Download</p> </div>	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Landform Associations</p> <p>Shapefile containing Landform Association polygons. Created in 2016.</p> <p style="text-align: center;">Download</p> </div>	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Landtype Associations</p> <p>Shapefile containing Landtype Association polygons. Created in 2016.</p> <p style="text-align: center;">Download</p> </div>
<div style="border: 1px solid #ccc; padding: 5px;"> <p>NRCS Soils</p> <p>Raster dataset containing Soil information. Soils by State can be located here also.</p> <p style="text-align: center;">Download</p> </div>	<div style="border: 1px solid #ccc; padding: 5px;"> <p>NRCS Climate</p> <p>Climate dataset created and maintained by the National Resources Conservation Service.</p> <p style="text-align: center;">Download</p> </div>	<div style="border: 1px solid #ccc; padding: 5px;"> <p>SRI Soils</p> <p>Shapefile of soil map units created by Soil Resource Inventory.</p> <p style="text-align: center;">Download</p> </div>
<div style="border: 1px solid #ccc; padding: 5px; margin: 0 auto; width: 80%;"> <p>ArcGIS Pro Template</p> <p>Download the ArcGIS Pro template to your desktop or VDI environment.</p> <p style="text-align: center;">Download</p> </div>		

3. Click on the **Download** button nested within the windows for the different datasets to be taken to the data download location.

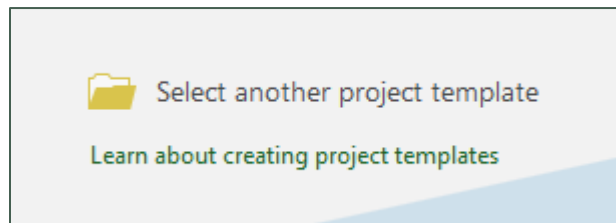
4. Set your pathway to where you'd like to store your data, whether on your local drive or virtual desktop environment, and click **Save**.
5. Click anywhere outside of the window to return to the main map view of the Data Portal.

D. Using the ArcGIS Pro Template

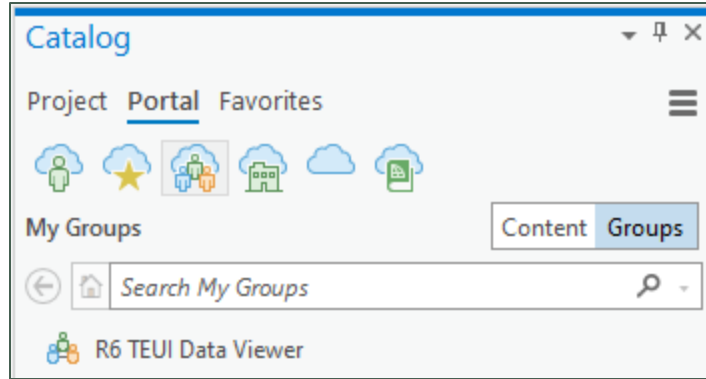
1. Navigate to the bottom right-hand side of the screen and click on the **Data Download** button.
2. Locate the ArcGIS Pro Template **Download** button and click on it.
3. In the Item Overview page, click on the **Download** button to the right of the screen.



4. Save the ArcGIS Pro template to a location of your choice by directing the download to a location and hitting **Save**.
5. Open ArcGIS Pro in your local or virtual environment by searching ArcGIS Pro in the Start Menu.
6. In the ArcGIS Pro window, look towards the bottom of the page under **New** and click on **Select another project template**.



7. In the **Create New Project From Template** window, navigate to your saved ArcGIS Pro Template file (TEUI_R6_Training_Template.aprx) and click **OK**.
8. Rename your project appropriately and click **OK**, also clicking **OK** to any warning messages that may appear prior to your project window opening. The R6 TEUI map will appear in your main map window.
9. In your project, open the Catalog panel. If it is not already pinned to the side of your interface, go to the **View** tab at the top of the screen, click on it and then select **Catalog Pane** to make it appear.
10. To view the data in a list format, click on the **Portal** tab, followed by **My Groups**. Double click on the **R6 TEUI Data Viewer** group to see its associated data and add more layers to your map.



Congratulations! You have successfully logged in to ArcGIS Online and accessed the Region 6 Data Hubsite and Portal. Now that you have completed the How-To Guide, you should be able to view and download data, as well as add data to the portal for visual analysis.