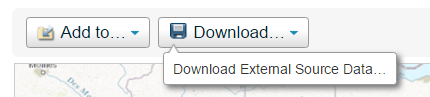
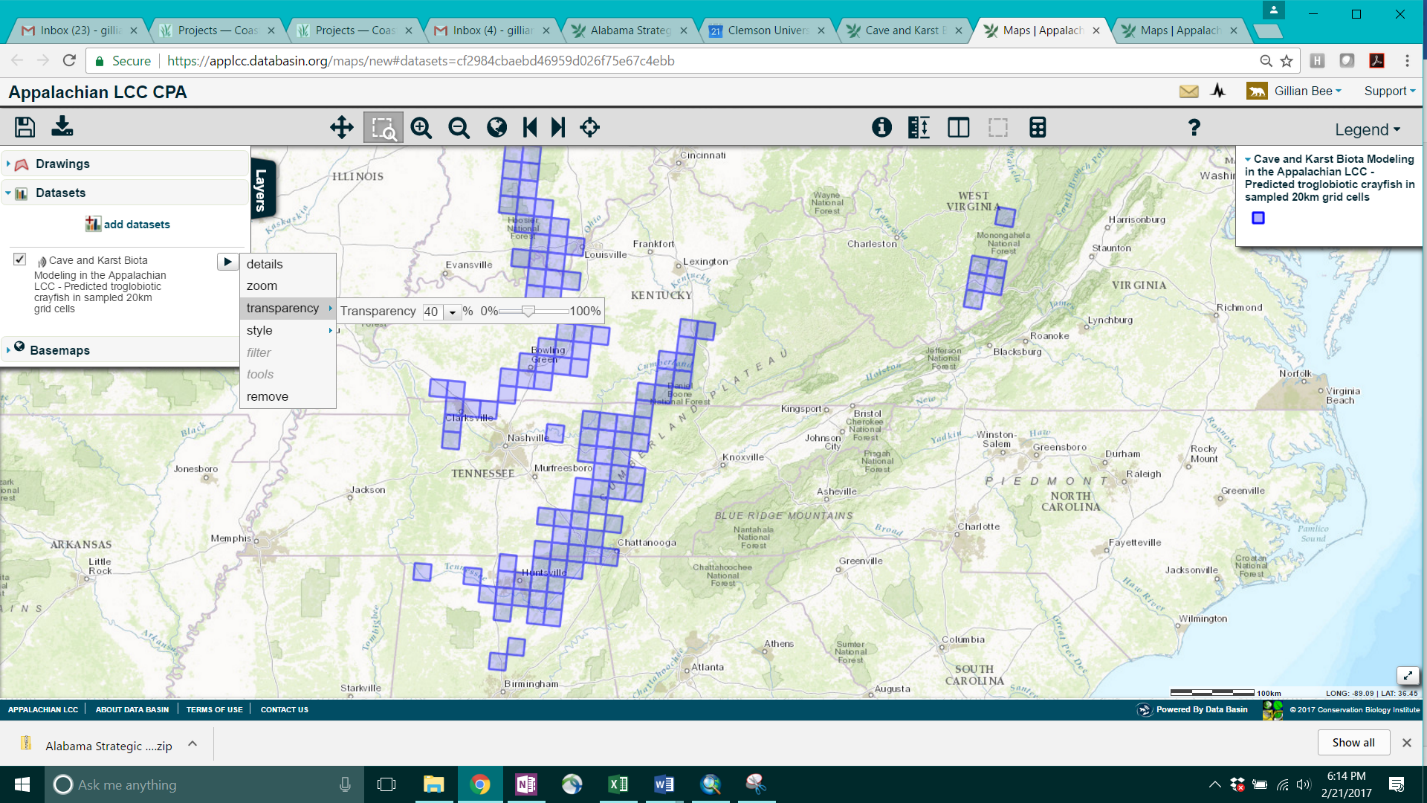
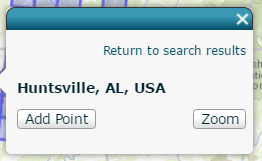
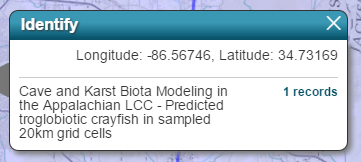
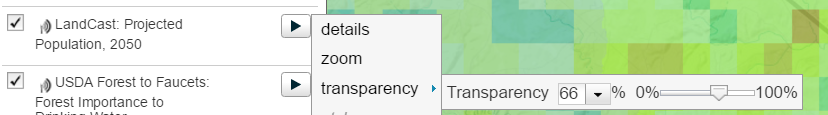
**AppLCC Conservation Planning Atlas on Data Basin**

**Exercise 1: Basic Map Functions**

1. Open a browser (not Internet Explorer) and navigate to [http://applcc.databasin.org](http://applcc.databasin.org/)
2. Click on Sign Up (top right) and create an account. You will need access to your email to do this.
3. Once account is set up, log in
4. Click on the Search magnifying glass (upper right), and search for “Cave Karst” on the AppLCC CPA. **Note** you can also search all LCC CPAs or all of Data Basin.
5. Go to the Gallery for “Cave and Karst Resources” by clicking the **text**. Explore the gallery page, especially the description and the tabs below (Gallery Contents and Gallery Credits).
6. Go to the data page for “[**Predicted troglobiotic crayfish in sampled 20km grid cells**](https://applcc.databasin.org/datasets/cf2984cbaebd46959d026f75e67c4ebb)” by clicking the **text**. Explore the Data page, especially the description and tabs below. Notice the Download button, which points to a download location. 
7. Open the “Predicted troglobiotic crayfish” data in a map by scrolling over the preview image and clicking “Open in Map”
8. Explore the tools that you have been shown:

* Choose a basemap : select “Layers” tab on the left, then click basemaps to see the drop-down options
* Add a transparency level to allow you to see your Basemap and Cave/Karst data
* Pan around the map 
* Zoom into an area you are familiar with 
* Select the Locate  tool, search for Huntsville AL, then zoom to it (hit zoom a couple times) 
* Using the Identify  tool click on Huntsville AL to learn more about that site, select the record  to view attributes
* Add a dataset : select “Layers” tab on the left, then click “Datasets” 🡪 add datasets, search for “LandCast”, click the **image** for “LandCast: Population Growth 2050” to select it, then click “add items”
* Add a transparency level so you can see where LandCast and Cave/Karst datasets intersect.



1. Save your map  – this will now appear in your Workspace under My Maps, you can share your map using the URL of the map page, and you can go back and edit.
2. If you have extra time, continue to explore the tools you have been shown so far and search for other datasets of interest