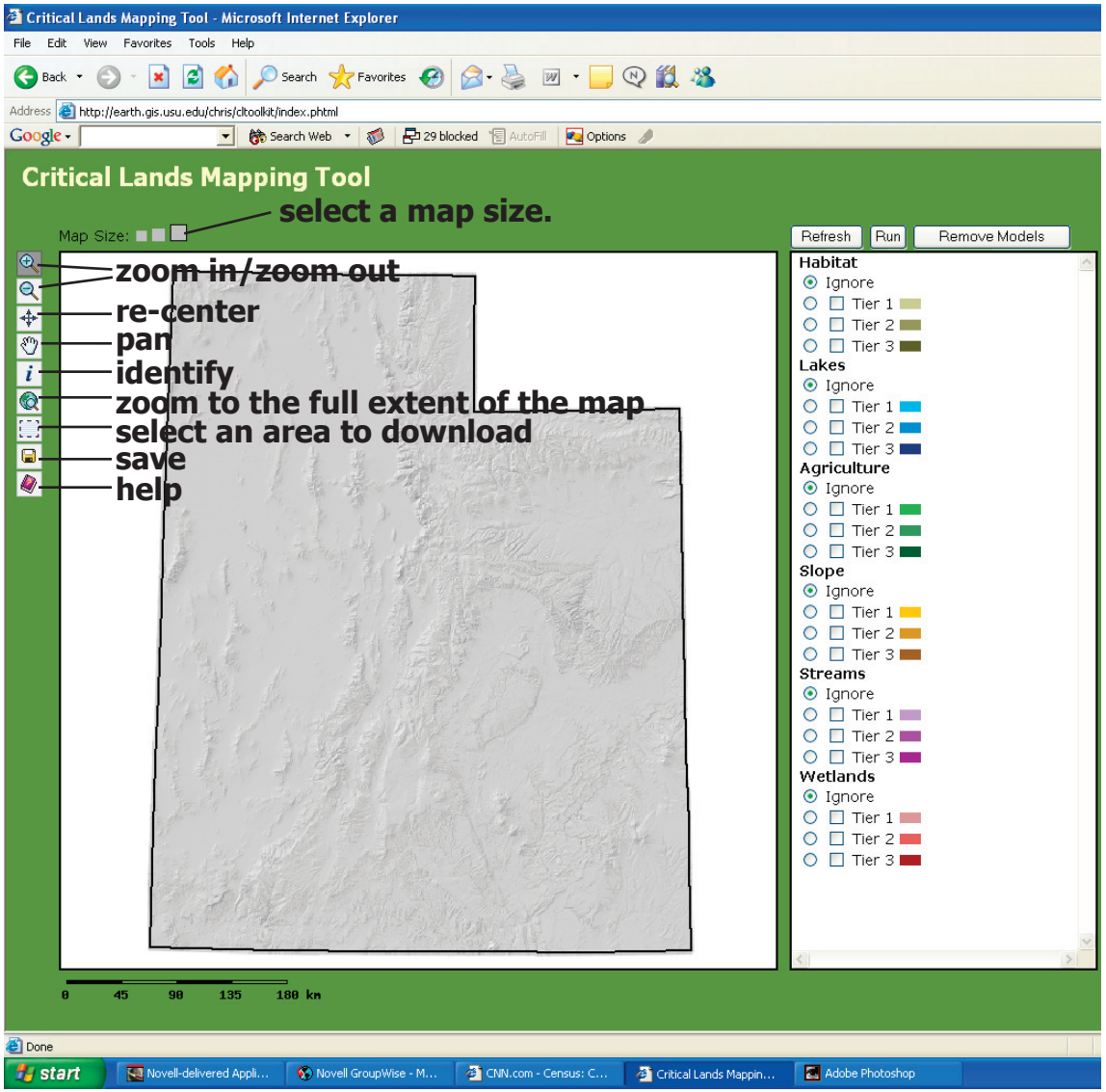
using the online mapping tool

using the online tool:

http://www.planning.utah.gov/CriticalLandsGIS.htm



Zoom In: Select this tool and then draw a box around the area you want to zoom in to.

Zoom Out: Select this tool and then click on a point and the map will zoom out and be centered on the point you clicked.

Re-center: Select this tool and then click on a point and the map will be re-centered on that point.

Pan: Select this tool and then drag the map in order to change the visible extent.

Info: Select this tool and then click on a spot on the map to get the values for the model and tier layers at that location.

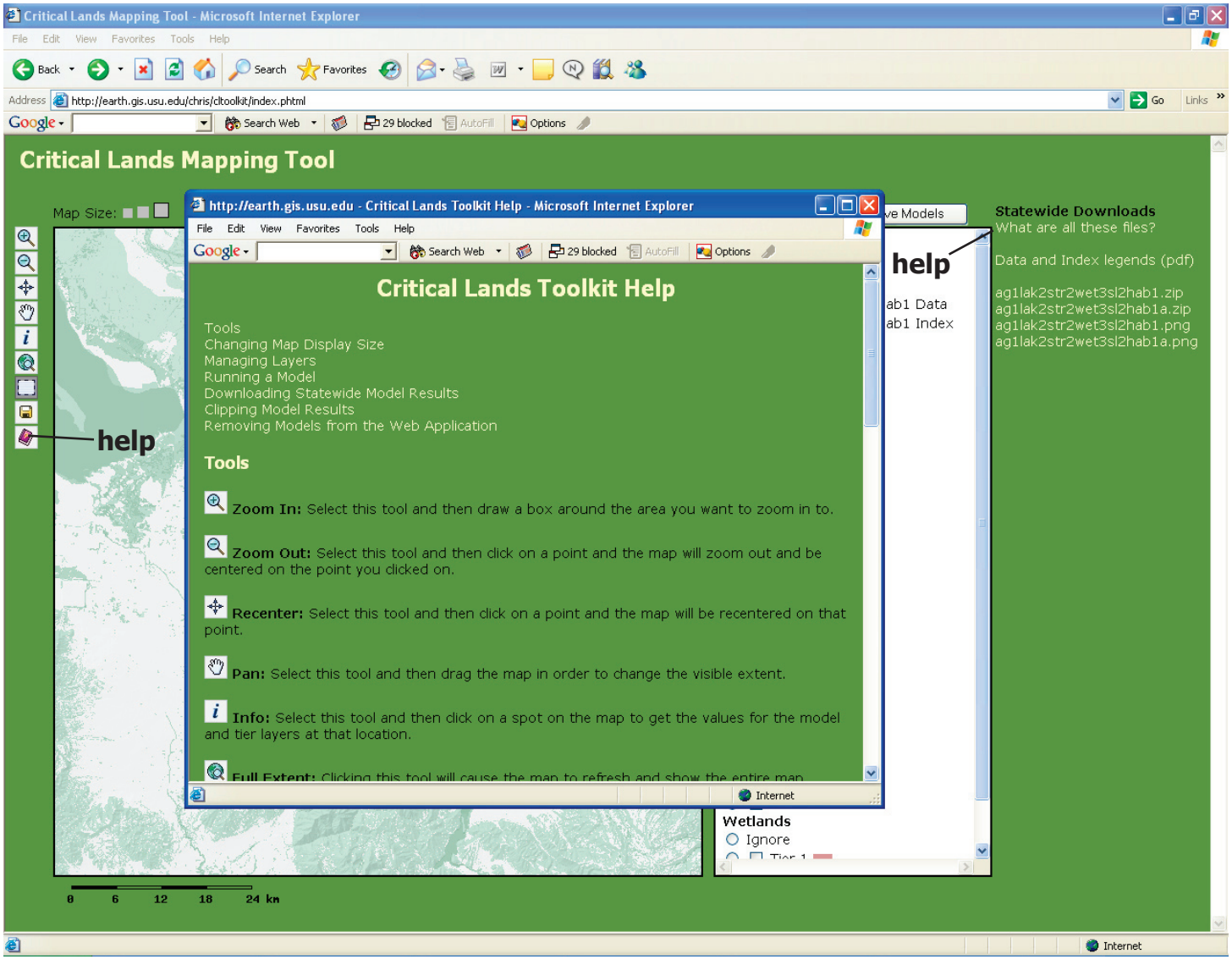
Full Extent: Clicking this tool will cause the map to refresh and show the entire map extent.

Select Box: Select this tool and then draw a box around the area of the map you want to select for download. After you draw a box, the Clip Tool will appear. Click on this tool to download the selected part of the data sets.

Save Image: Clicking this tool will either start a download of the map image currently displayed or send you to a new page that only shows the map (behavior depends on how your browser is configured). If you are sent to a new page, right-click on the image and choose to save it. This image is in PNG format.

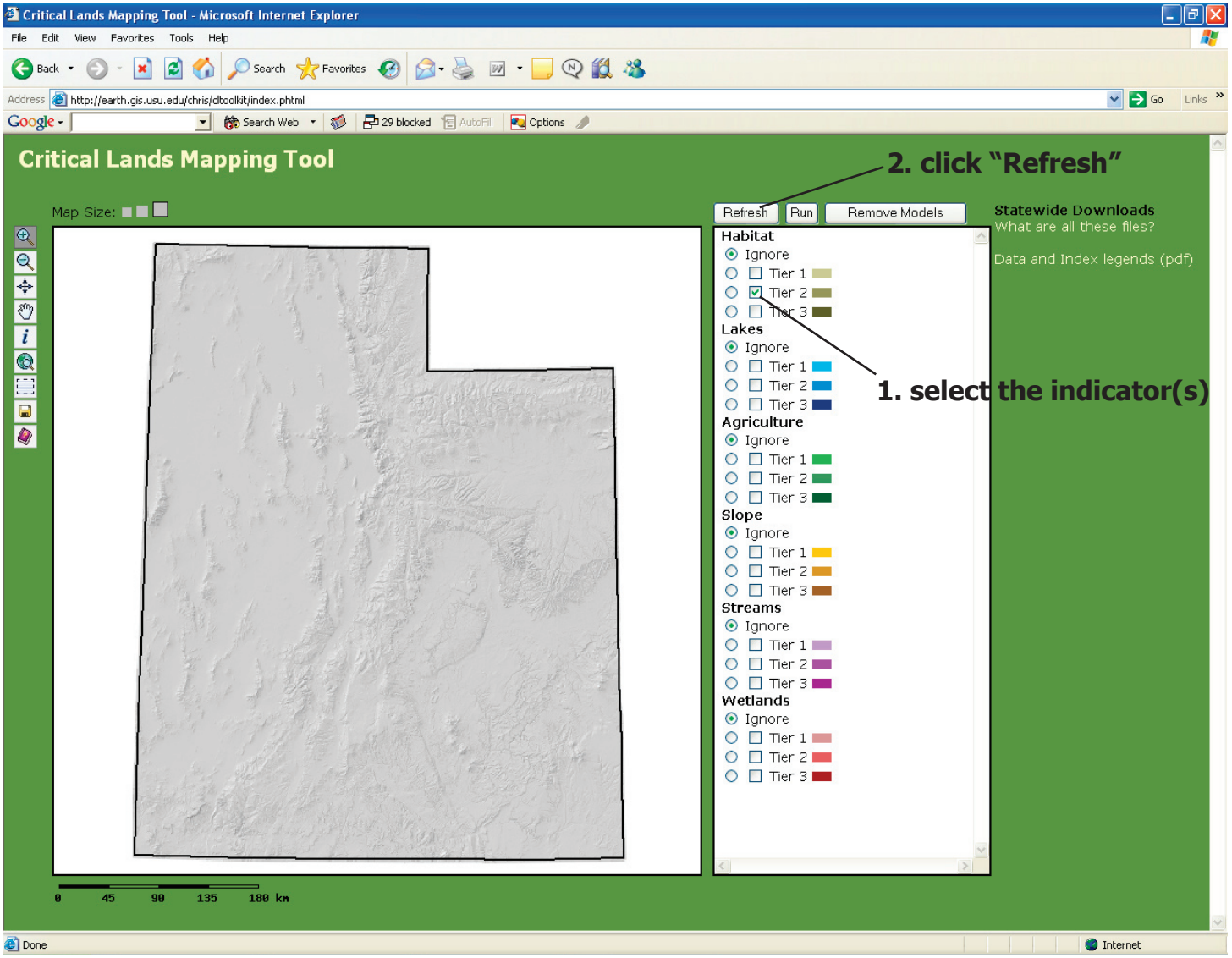
Help: Clicking this tool will bring up the help menu.

help menu



Clicking on the "help" icon or on "What are these files?" will bring up the "help menu." This menu explains the icons and their functions and how to download files from the toolkit.

displaying the indicators



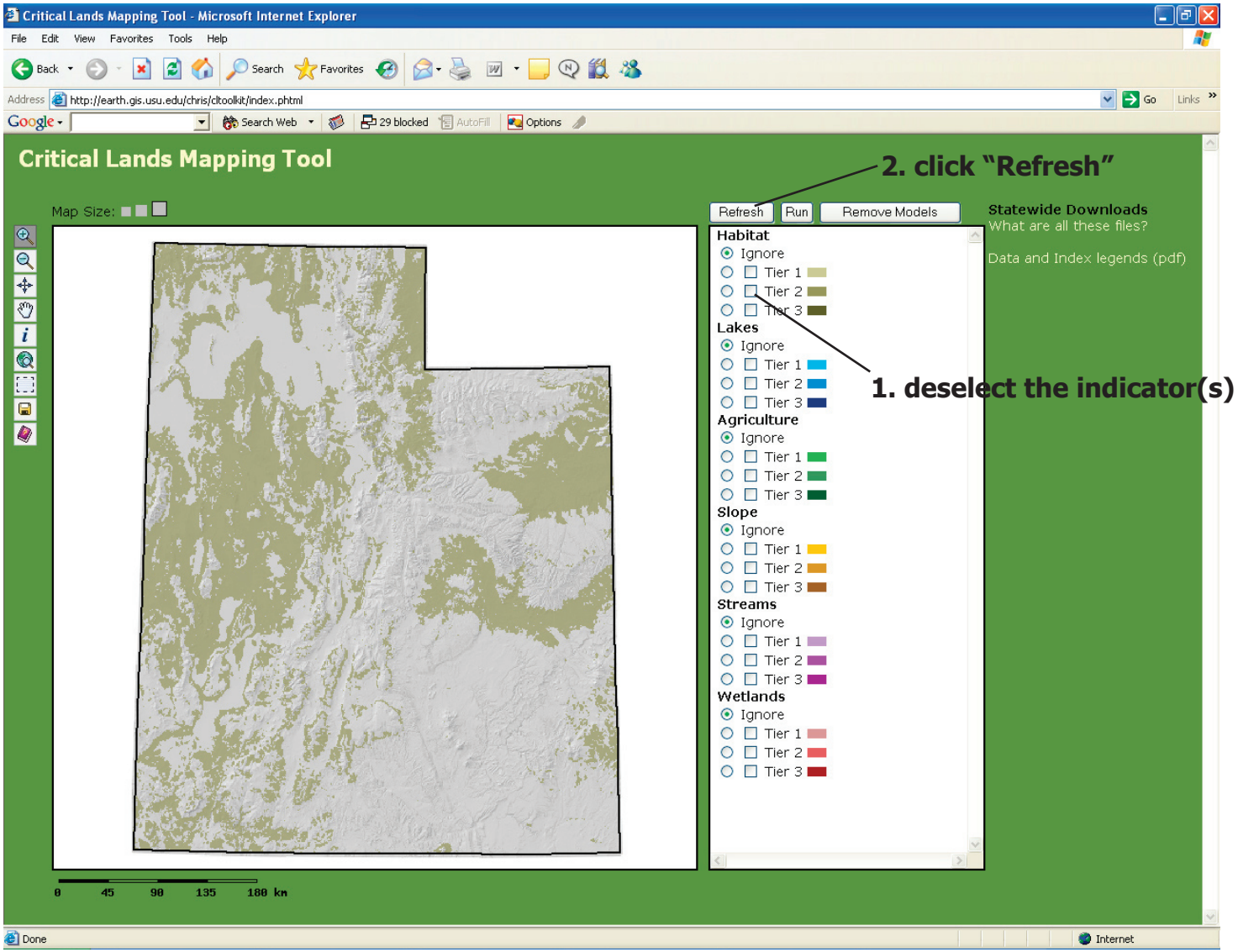
You can display the indicators individually or together.

To display the indicator(s):

1. Select the indicator(s)/tier you would like to see displayed.

2. Click the "Refresh" button to display the indicator(s).

displaying the indicators



The indicator(s) will display on the map.

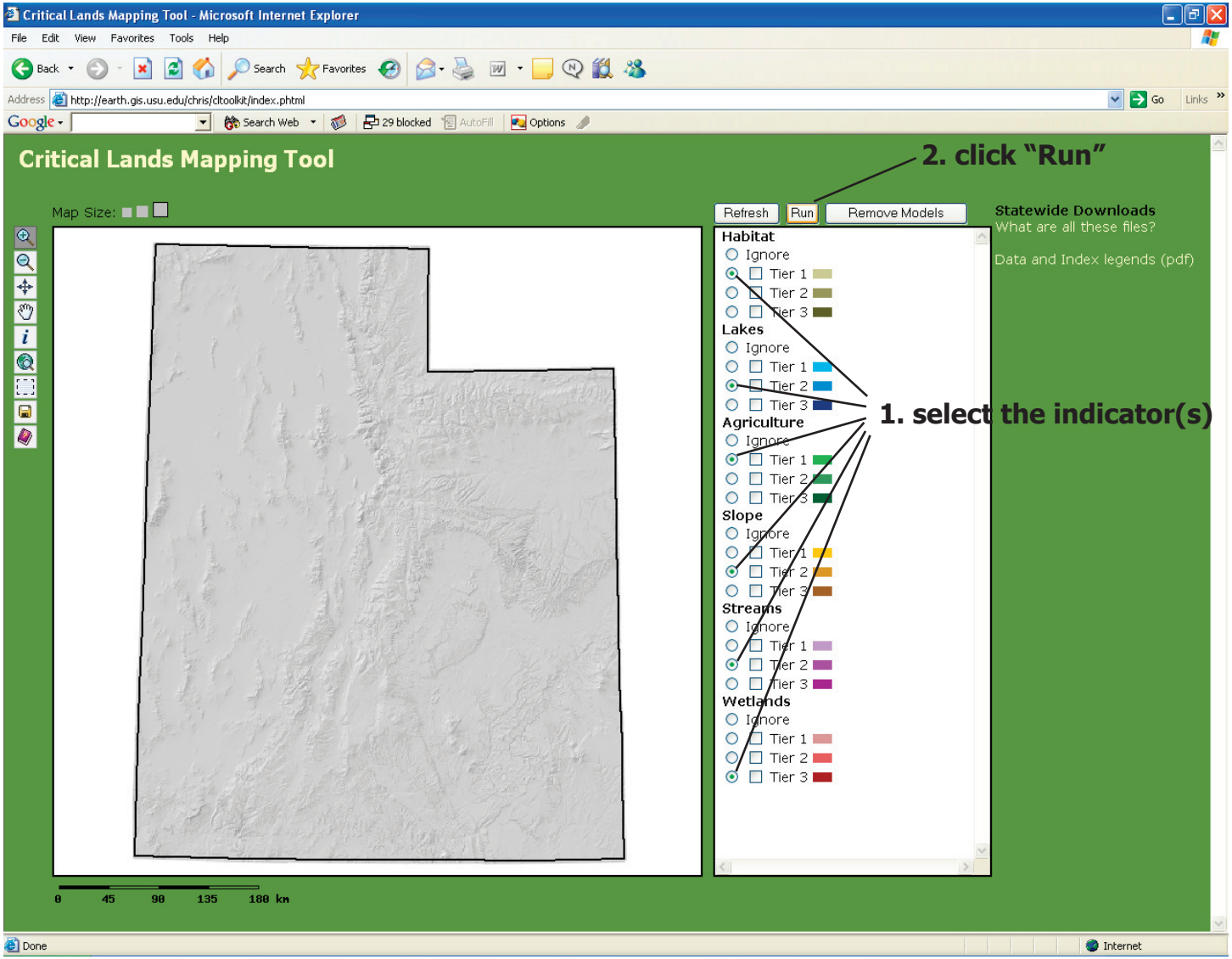
To clear the map:

1. Deselect the indicator(s)/tier.

2. Click the "Refresh" button.

3. The map will be cleared.

running a model



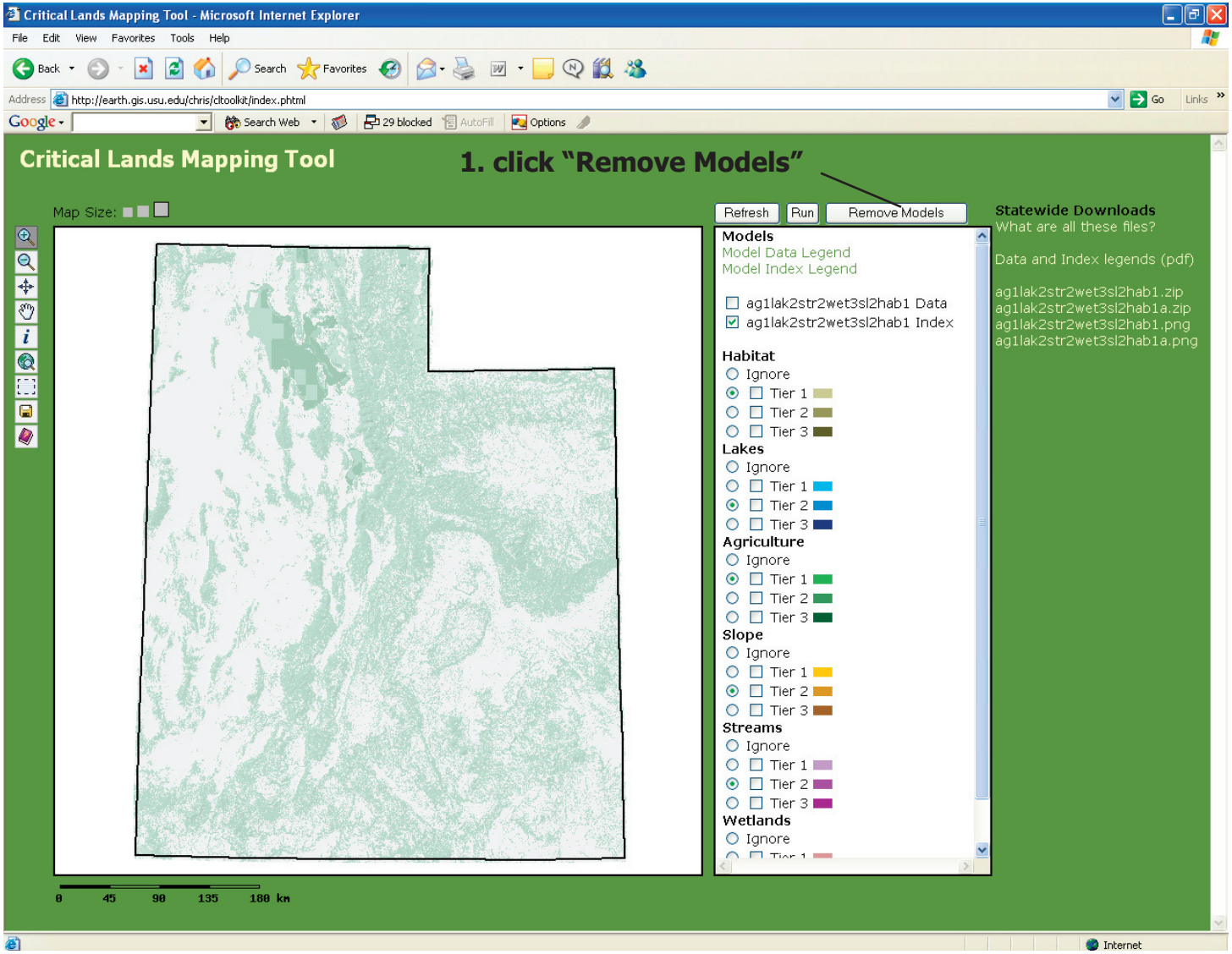
You can add some or all of the indicators in a model.

To run a model:

1. Select the indicator(s)/tier you would like to include in the model.

2. Click the "Run" button to calculate the model.

running a model



In a few minutes the map will display the model.

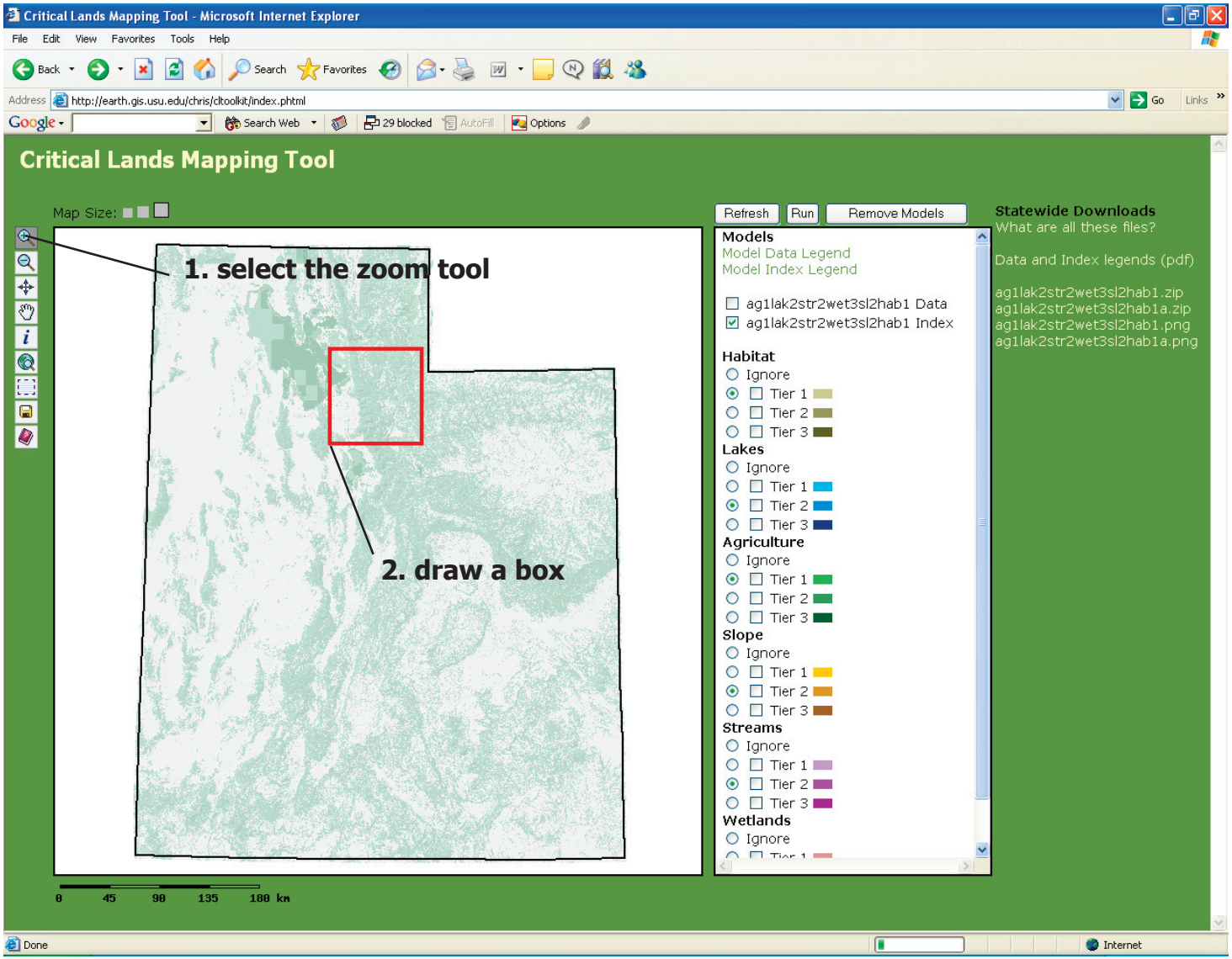
You can zoom in or out and pan around on the map. You can also query results and download and save the map.

To clear the model and run another model:

1. Click on the "Remove Models" button.

2. Run a new model.

zoom tool



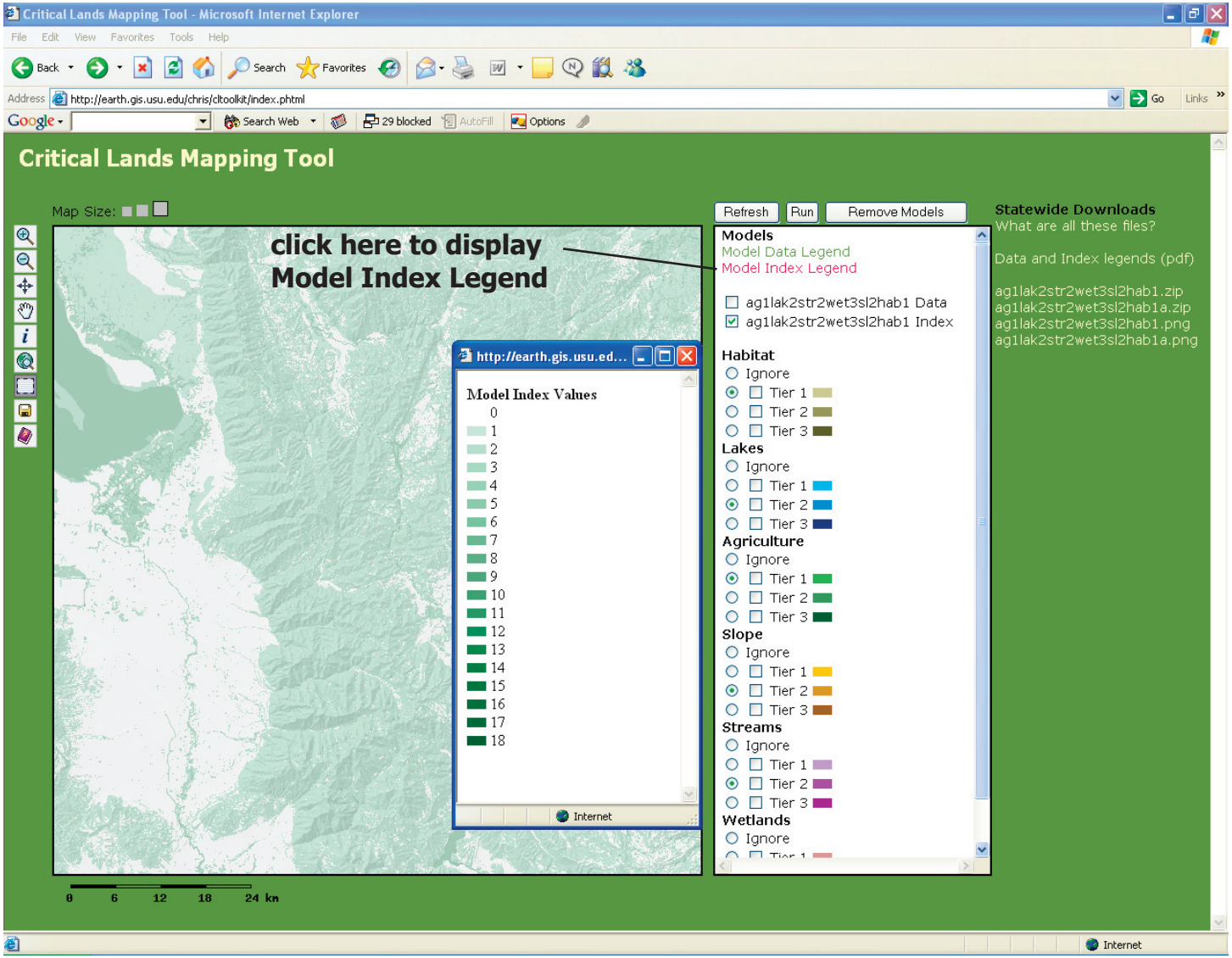
The zoom tool can be used take a closer look at an area. You can zoom before or after you display indicators or run a model.

To zoom:

1. Select the "zoom" tool.

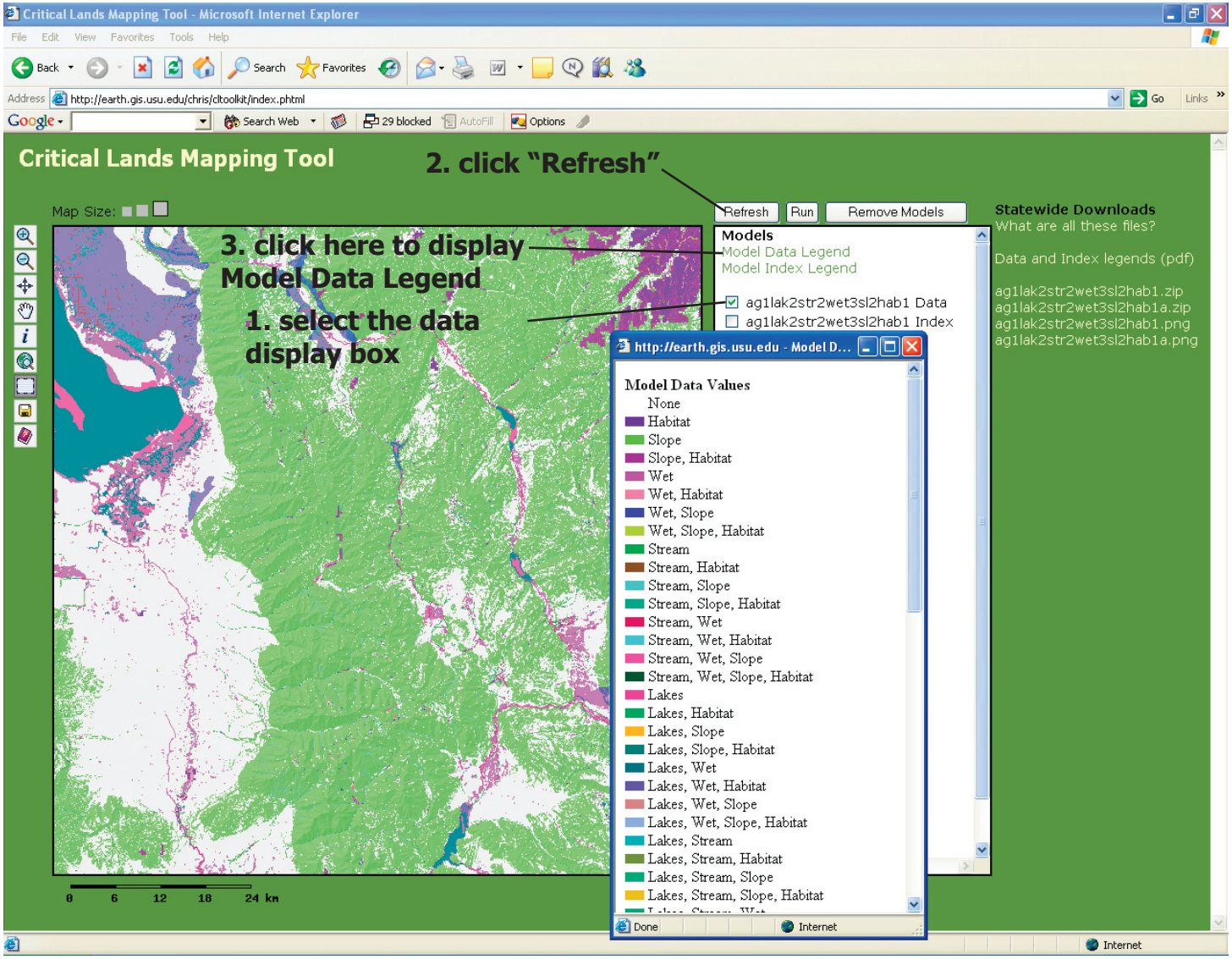
2. Draw a box around the area to zoom in on. The area in the red box will appear shortly in the map display.

display choices - model index and legend



The model can be displayed by either "index" or "data." The index display is the default for the tool. The index display is the composite map that shows the green color gradient. The darker the green the higher priority the area is for conservation. The legend for this map can be seen by selecting "Model Index Legend."

model data display and legend



The "data" display of the model shows layers that overlap without running a calculation. For instance, where the lake and wetland layers overlap this color ■ will be displayed.

There are 63 possible combinations, making delineation difficult without the help of the "query tool" explained on the next page

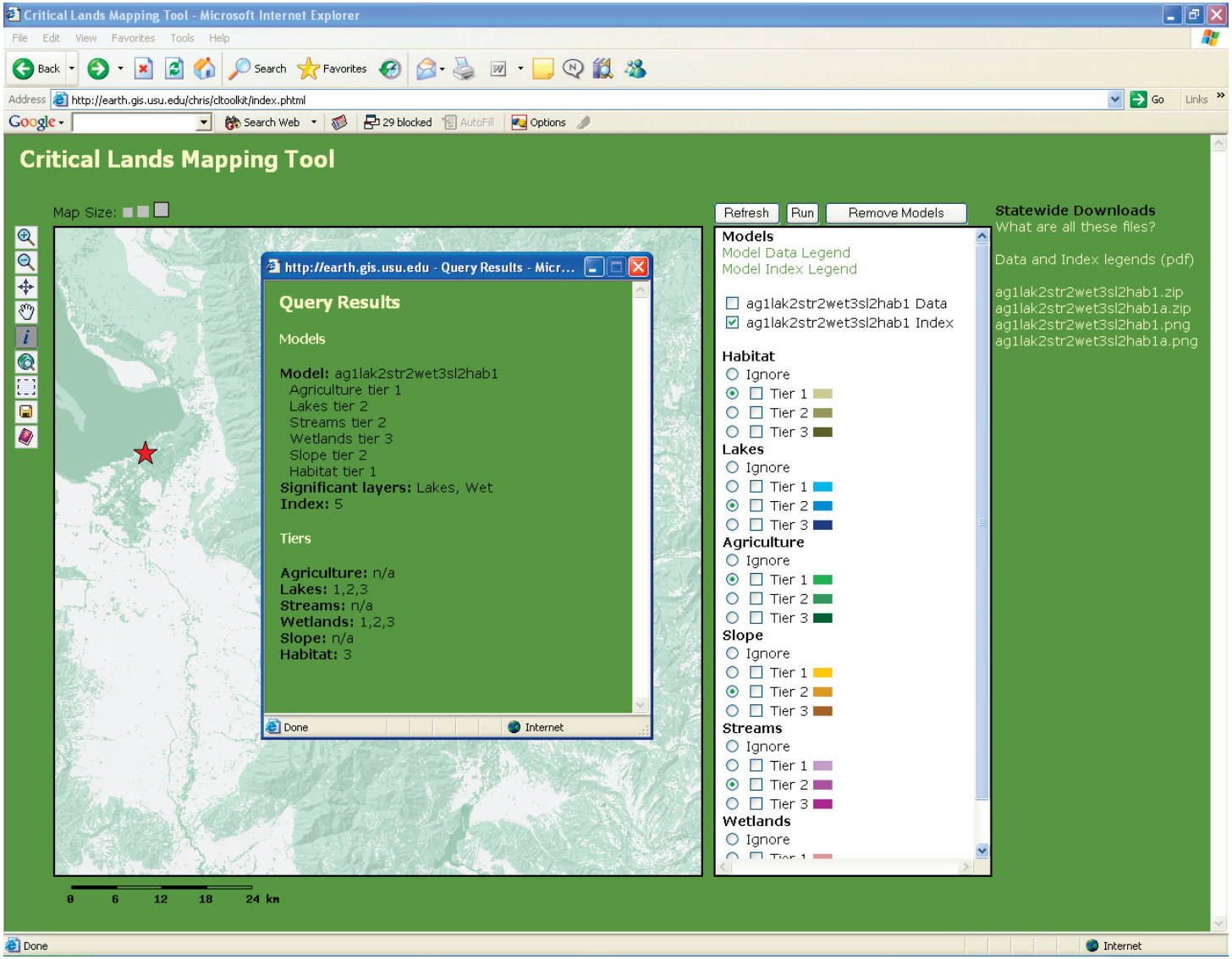
To change the display to "model data:"

1. Select the data display box.

2. Click "refresh" to display the model data.

3. Click on "Model Data Legend" to display the associated legend.

identify/query tool

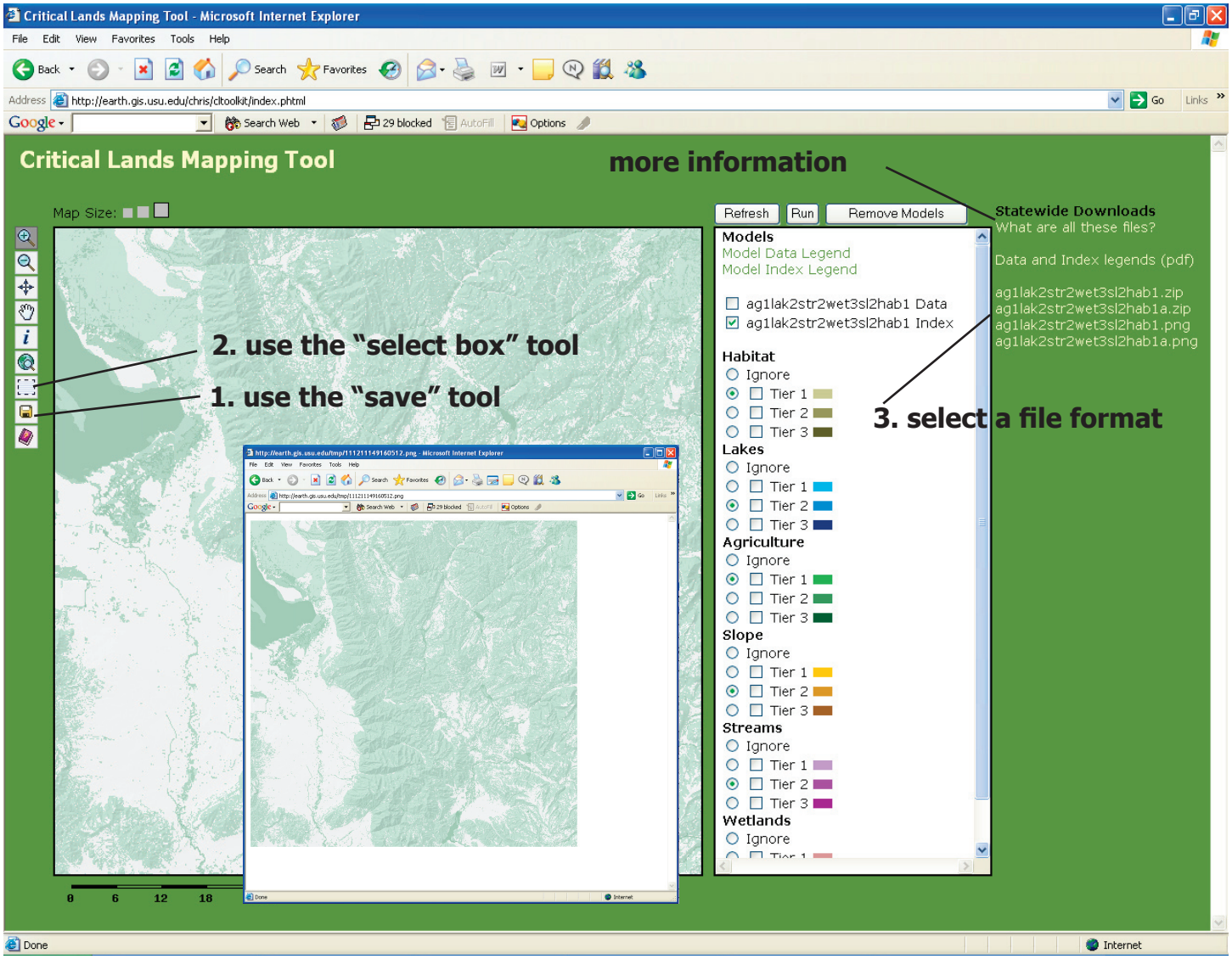


Perhaps one of the most useful functions of the map is the "query" tool. "Query" allows you to pick a point on the map and identify why the area has a particular value or color.

For example, if you query the point on the map with the star it will pop up the "Query Results" box.

This indicates the tiers used in the model and identifies the "significant layers." The "significant layers" are the tiers that are present at that point, in this case lakes Tier 2 and wetlands Tier 3 This gives the point a value of "5" (or 2+3=5).

downloading and saving



After creating your map you can download and save the data in your choice of formats.

To download:

1. Use the "save" button to open a image of the map in a new window. This image can be saved in a variety of formats by right clicking on the image and selecting "save as."

or

2. Use the "select box" tool to select an area to download.

or

3. Select one of the four file formats from "Statewide Downloads."

More information on downloading can be found by clicking on "What are these files?"