Using the Hudson Valley Natural Resource Mapper

A tool for communities in the Hudson River Estuary Watershed

Access the application through the landing page: http://hudson.dnr.cals.cornell.edu/extension/mapper/

Or from within any browser using the following URL:


This will load the Resource Mapper into your browser window. It should appear similar to the image below.

Currently, the Resource Mapper has Web Map Tabs across the top (as shown above) that access the five thematic web maps available: Hudson River Estuary; Streams and Watersheds; Wetlands; Large Forests; Significant Ecosystems.

The default thematic web map is “Hudson River Estuary”. We will use this web map to demonstrate how to navigate the map and access the descriptive information available.

There are three frames within the application, as shown above: Map Description frame, Map Legend frame, and Map Display frame.
The **Map Description** frame (upper-left) contains detailed descriptive information applicable to the web map for the selected tab. A scroll bar on the right side of the frame permits viewing of the entire description. Some descriptions contain URLs (bold and underlined) which are selectable and will open web pages from other sites.

The **Map Legend** frame (lower-left) display legends for the currently visible layers in the web map. Since all layers are scale dependent, what is shown in the legend frame will change when you zoom in or out. In other words, some map layers are visible at the regional scale, while other layers only appear when you zoom in to the townwide scale.

There is a scale bar in the lower left of the Map Display frame showing the current map scale.

Most web maps include many layers that are only visible at specific scales so as not to “overwhelm” the map with data. All Web Map Tabs are linked to show the same extent and the same scale as you move from tab to tab.
The **Map Display** frame (right) displays the currently visible layers using the symbology shown in the Map Legend frame.

Since all layers are scale dependent, what is shown in the Map Display frame will change when you zoom in (+) or out (-) using buttons in the upper left of the Map Display frame. Your mouse wheel can also control zoom. The “home” button in the upper left area will return you to the default scale for the web map.

**Feature Information** can be viewed by moving the mouse into the display frame and left-clicking on a feature to access the attribute information available through a “pop-up” window. Clicking the “X” (upper right) will close the window.
When **Multiple Features** occupy the same general area, multiple “pop-up” windows may be generated. This situation is identified (as shown below) by the presence of a numerical identifier such as (1 of 3) and by the button near the “X” button. Clicking on the button will access the “pop-up” window for the next feature.

![Image of pop-up windows with numerical identifier]

This application does not support printing at this time. To obtain a copy of your screen, use the “ALT + PrintScreen” buttons to place a snapshot of the screen in the computer’s graphics buffer. You can then use “CTRL + V” or a menu “paste” option to insert the captured image into a PowerPoint slide or other document.

To view or download an instructional video for using this application, visit the following URL:

[https://vimeo.com/irisatcornell/hudsonvalleyresourcemapper](https://vimeo.com/irisatcornell/hudsonvalleyresourcemapper) (High Def)

We recommend viewing the video using Mozilla Firefox or Google Chrome internet browsers.