

HUDSON VALLEY NATURAL RESOURCE MAPPER



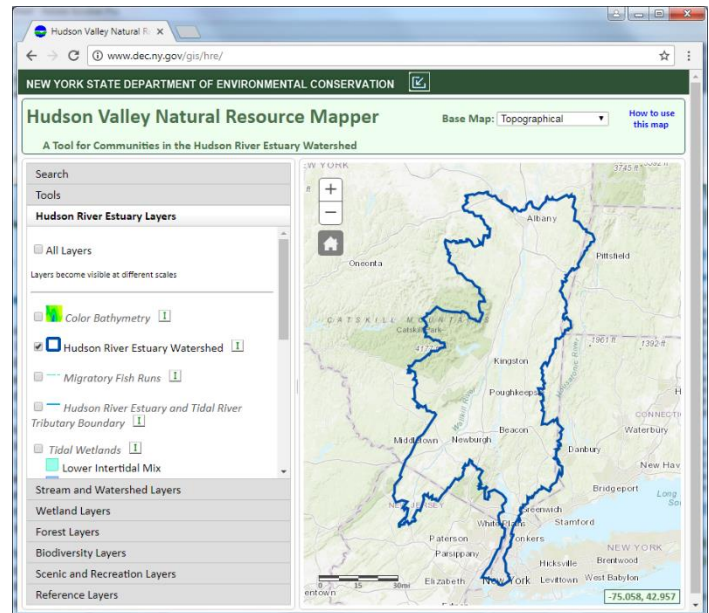
Hudson River
Estuary Program

A Tool for Communities in the Hudson River Estuary Watershed

The Hudson Valley Natural Resource Mapper is an online, interactive tool to assist local land-use decision-makers with identifying and understanding important habitat and water resources, the connections between them, and their broader regional context. By having information about natural features such as stream habitat, floodplains, wetlands, and large forests, communities can begin to identify conservation priorities and strategies that can be incorporated into land-use planning. Ultimately, this process will help ensure that future generations continue to enjoy the numerous benefits of the Hudson Valley's significant natural systems.

The mapper also highlights Hudson River recreation sites and other areas where residents and visitors can access and enjoy the region's natural beauty. Use the mapper to learn about places to visit and the environmental resources they support!

Link: <http://www.dec.ny.gov/lands/112137.html>



NATURAL RESOURCE MAPPER INFORMATION LAYERS

Estuary

- Hudson River Bathymetry
- Migratory Fish Runs
- Hudson River Estuary and Tidal River Tributary Boundary
- Submerged Aquatic Vegetation
- Tidal Wetlands
- NYS Department of State Significant Coastal Fish and Wildlife Habitats

Streams and Watersheds

- Watershed Boundaries
- Riparian Buffer Areas
- DEC Biomonitoring Data
- Dams and Priority Road-Stream Crossings
- DEC Priority Waterbodies
- DEC Waterbody Classifications and Trout Status
- FEMA Flood Hazard Areas

Wetlands

- National Wetlands Inventory
- DEC Freshwater Wetlands and Check Zones
- Wetland Soils

Forests

- Large Forests
- Matrix Forest Blocks
- Forest Linkage Zones

Biodiversity

- Known Important Areas for Rare Animals
- Known Important Areas for Rare Plants
- Significant Natural Communities
- Audubon Important Bird Areas
- Significant Biodiversity Areas in the Hudson Valley

Scenic and Recreation

- Hudson River Fishing and/or Boat Launch Access
- NYS Parks and Historic Sites
- DEC Lands
- Scenic Areas of Statewide Significance

Reference

- Town, City, Village, and County Boundaries
- Tax Parcels
- NY Protected Areas

Using the Natural Resource Mapper

The mapper can help to visualize an area’s resources—where they occur and how they relate to each other, their context, and existing development—and provide a foundation for land-use planning and decision-making. Use the mapper to inform:

- Public education and outreach
- Preliminary site analysis for environmental review
- Identification of conservation priorities
- Natural resources inventories
- Comprehensive planning and zoning updates
- Watershed assessment and planning
- Open space planning and land acquisition

IMPORTANT NOTE:

This tool is intended for general information and planning purposes and does not indicate the extent of DEC regulatory authority. It contains data compiled from numerous sources and may not be complete or accurate. Any resource shown on a map should be verified for legal purposes, including environmental review. Contact your DEC regional office for assistance with regulatory questions. Hudson River Estuary Program staff can assist with interpreting and using the data provided.

Quick Tour of the Natural Resource Mapper

The screenshot shows the 'Hudson Valley Natural Resource Mapper' interface. The header includes the 'NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION' logo and the title 'Hudson Valley Natural Resource Mapper'. Below the title, it says 'A Tool for Communities in the Hudson River Estuary Watershed'. The interface features a search bar, a tools menu, a layer list on the left, and a map area on the right. A pop-up window titled 'Significant Coastal Fish and Wildlife Habitats' is open over the map, showing details for 'Habitat: RONDOUT CREEK' and 'Region: HudsonRiver'. A scale bar is visible at the bottom of the map area.

Callout boxes provide the following information:

- Exit full screen:** Located near the top right of the header.
- Base Map:** A dropdown menu currently set to 'Topographical'.
- How to use this map:** A link in the top right corner.
- Multiple search options:** Points to the search bar.
- Print and measure tools:** Points to the 'Tools' menu.
- Manual zoom:** Points to the zoom in (+) and zoom out (-) buttons.
- Change base map:** Points to the 'Base Map' dropdown.
- Detailed instructions:** Points to the 'How to use this map' link.
- Check boxes to turn individual layers on/off:** Points to the layer list on the left.
- Scroll to access all available layers:** Points to the scroll bar in the layer list.
- Link to additional layer information:** Points to the information icon (i) next to a layer.
- Click on map feature to open pop-up box for more information:** Points to the pop-up window.
- Toggle through information for visible layers:** Points to the close (x) button of the pop-up window.
- Click on layer groups to expand table of contents/legend. Layers visible at different scales will appear in gray italic font:** Points to the layer list on the left.
- Scale bar:** Located at the bottom of the map area.

CONTACT INFORMATION

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