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NYS GIS Clearinghouse

NEW YORK STATE
Office of
Cyber Security and Critical Infrastructure Coordination

NYS CSCIC GIS DATA COORDINATION PROGRAM ORTHOIMAGERY OUTREACH

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search Hudson Estuary

RASTER MAPS CALENDAR GIS HELP DESK CUGIR SEARCH >>

Figure 1



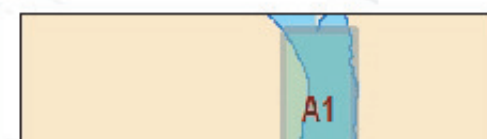
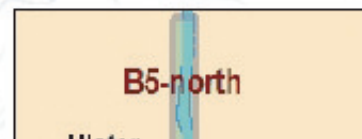
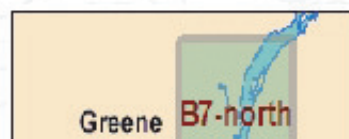
Estuary Data Index Page

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GIS Data Set Details

Data Set Name	Description	Theme	Metadata
Benthic Data - Hudson River Estuary	The NYSDEC Hudson River Estuary Program in collaboration with numerous partners has supported the mapping of biologic, chemical, and physical characteristics of the Hudson River Estuary. This effort has been organized through several separate projects including the Benthic Mapping Project that has mapped the physical environment, the Submerged Aquatic Vegetation Mapping Project that has mapped the extent of submerged aquatic vegetation, and the Biocriteria Project that has conducted extensive sampling of chemical contaminants in the sediments of the estuary floor as part of an effort to develop one or more biological indicators that can be used to assess the ecological condition of the estuary through long-term monitoring. Data products from these projects include remote sensing images, point sample data, and interpretive maps.	Elevation Habitat Hydrography Orthoimagery Soils Wetlands	Benthic

Supporting Documentation



scroll down the page to find data of interest

Figure 3

GRID	OTHER File covers entire Hudson River Estuary	Metadata
Hudson River Estuary Contours	SHAPE File covers entire Hudson River Estuary.	contours
Hudson River Estuary Morphology	SHAPE File covers entire Hudson River Estuary.	morphology
Hudson River Estuary Sediment Environment	SHAPE File covers entire Hudson River Estuary.	sediment environment
Hudson River Estuary Sediment Type	SHAPE File covers entire Hudson River Estuary.	sediment type
Hudson River Estuary Sediments - Metals	SHAPE File covers entire Hudson River Estuary	Metadata
Hudson River Estuary Sediments - Polycyclic Aromatic Hydrocarbons (PAH)	SHAPE File covers entire Hudson River Estuary	Metadata
Hudson River Estuary Sediments - Sediment Age	SHAPE	Metadata
Hudson River Estuary Shoreline	SHAPE File covers entire Hudson River Estuary.	shoreline
Hudson River Estuary Sidescan and Seismic Track Line	SHAPE File covers entire Hudson River Estuary.	track line
Hudson River Estuary Submerged Aquatic Vegetation (SAV)	SHAPE File covers entire Hudson River Estuary	Metadata
Hudson River Estuary Survey Index	SHAPE File covers entire Hudson River Estuary.	index

shape files are contained in zip files

click here to download the shape file

Figure 4

Hudson River Estuary	OTHER File covers entire Hudson River Estuary.	metadata
Hudson River Estuary Contours	SHAPE File covers entire Hudson River Estuary.	contours
Hudson River Estuary Morphology	SHAPE File covers entire Hudson River Estuary.	morphology
Hudson River Estuary Environment		sediment environment
Hudson River Estuary		sediment type
Hudson River Estuary Metals		Metadata
Hudson River Estuary Polycyclic Aromatic Hy		Metadata
Hudson River Estuary Sediment Age		Metadata
Hudson River Estuary Shoreline	SHAPE File covers entire Hudson River Estuary.	shoreline
Hudson River Estuary Sidescan and Seismic Track Line	SHAPE File covers entire Hudson River Estuary.	track line
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Hudson River Estuary Survey Index	SHAPE File covers entire Hudson River Estuary.	index

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figure 5