

Providing New York State decision makers and the public with access to information related to Ecosystem-based Management as directed by the Ocean and Great Lakes Ecosystem Conservation Act.

What is the Atlas?

The Atlas is a tool for sharing data and information about New York through an online mapping Atlas and a Data Catalog. The online mapping Atlas provides access to data, while the Data Catalog allows users to search for information by key words and links users to data on other web sites.

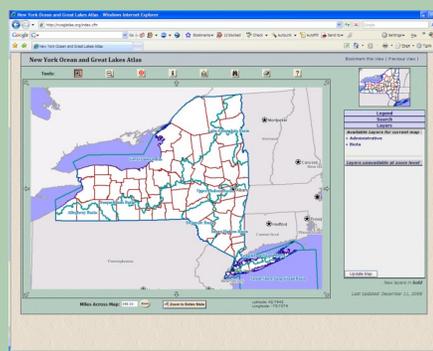
Geographic Information Uses:

- Learn about your neighborhood, town, county, and state
- Combine information or data layers to:
 - * Plan future land and water-uses and identify social, economic and environmental information
 - * Evaluate change by comparing time-stamped layers

How Information is Collected:

Information included in the Atlas includes social, economic and environmental data. Each piece of information is related to a place (so it can be mapped) and has a record of how it was created (metadata). Most of these data have been collected through requests to data providers. While there is a broad range of information collected, efforts have recently concentrated on information identified by stakeholders through an online survey and workshop (e.g. economic information on fisheries, stormwater management facilities and structures, and water chemistry data). Our goal is to target information most useful to Ecosystem-based Management practitioners, researchers, decision makers, and the public.

Atlas Components



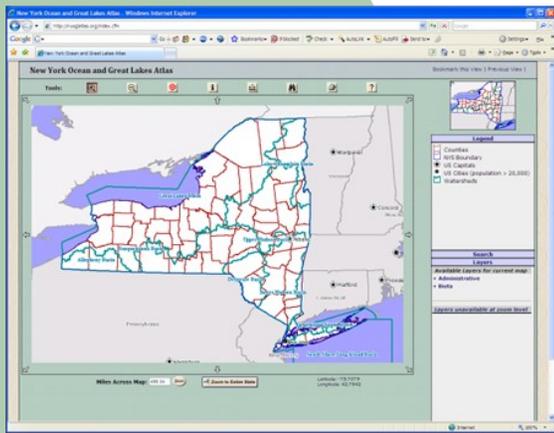
Online Atlas
View, Print, and Download



Data Catalog
Search for Data

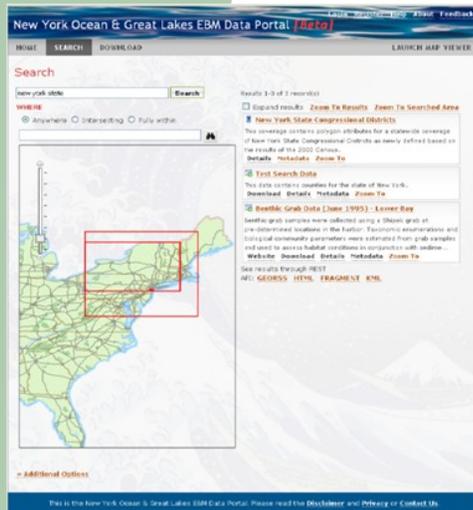
Information found in the Atlas:

- **Environment:** water quality, habitat, species distribution, geology, elevation
- **Boundaries:** towns, counties, parks, watersheds
- **Social:** demographic information, historic places, economic data
- **Infrastructures:** utilities, roads, navigational aids, schools



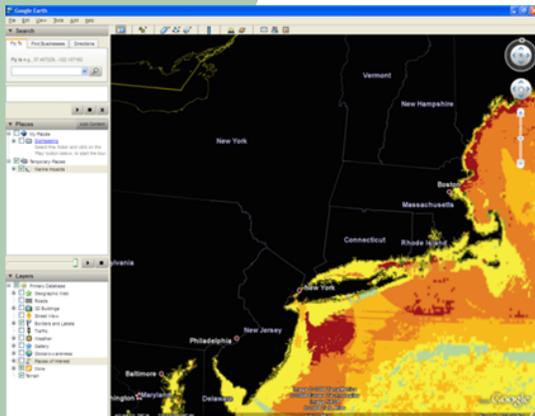
Online Atlas Functions:

- **Zoom** to an area of interest
- **Select** information to view by clicking on and turning off data layers
- **Print** maps
- **Download** information in three GIS formats—ESRI shapefiles, MapInfo tab files, and open source KML files
- Opens downloaded KML files directly in **GoogleEarth** (a free viewer)



Data Catalog Functions:

- **Keyword** search
- **Download** information's metadata
- **View** map showing information location
- **Link** to map view of the data either in the Atlas or on the originator of the information's web site
- **Upload** metadata



Proposed Future Uses for the Atlas:

- **Evaluate** changes over time
- **Project** potential effects impacts of different land and water-use choices
- **Simplify** multiple sets of complex information to better understand interconnections
- **Support** holistic approaches to decision making by combining social, economic, and environmental information

How Can You Share Your Data?

- Upload metadata to Data Catalog where a link will be generated to point users to your data hosting site
- Provide full data for inclusion in Data Catalog and Atlas
- Link data to the Atlas through WMS/WFS (Future Capability)