



Geography – The National Map

Information Access and Data Delivery

EROS Data Center

GISDATA Map Studio: Portal To The World

Draft 04/19/04

Introduction: The U. S. Geological Survey EROS Data Center provides access to geospatial data through map services, web services, interactive maps, and data delivery. The GISDATA Map Studio (<http://gisdata.usgs.net>) is the portal to this information. The idea is to provide a single point of entry to geospatial data. The portal is continually updated as new web services, map services, and interactive maps are created for access and data delivery.

Description of Portal

Menu: The GISDATA Map Studio provides ten menu options to investigate access to geospatial data. They are:

- News & Announcements
- Interactive Maps
- Data Delivery
- Map Services
- Extract Services
- Web Services
- Viewer Templates
- Links
- Information Sheets
- FAQ

News & Announcements are posted for new datasets or information pertaining to the map services and interactive maps. The **Interactive Maps** provide links to project map interfaces. These demonstrate use of data in different applications and provide some data delivery. **Data Delivery** is the main links to seamless and other USGS data.

GISDATA Map Studio: (<http://gisdata.usgs.net>)

Access to geospatial data through map services, web services, interactive maps, and data delivery.

Front entry page for the portal.

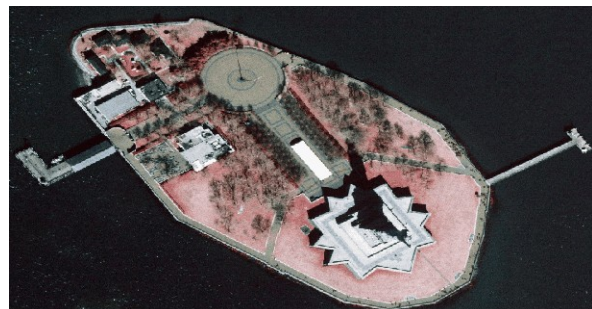
List of Interactive Maps:

Example of an interactive map:

The National Map New Jersey Viewer

The National Map New Jersey Viewer provides the 2002 CIR High Resolution Orthoimagery as a layer. The image shows an example of the data.

Ellis Island and the Statue of Liberty

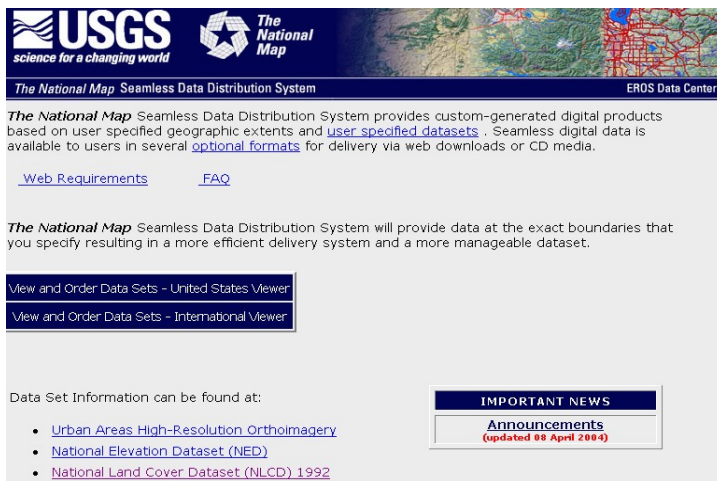


GISDATA Map Studio: Portal To The World

Data Delivery Websites:

| | |
|---------------------------------|-------------------------------|
| News & Announcements | This is interfa and so |
| Interactive Maps | |
| Data Delivery | Seamless |
| Map Services | Earth Explorer |

Example of Data Delivery Website:
Seamless Data Distribution System



The National Map Seamless Data Distribution System provides custom-generated digital products based on user specified geographic extents and user specified datasets. Seamless digital data is available to users in several optional formats for delivery via web downloads or CD media.

[Web Requirements](#) [FAQ](#)

The National Map Seamless Data Distribution System will provide data at the exact boundaries that you specify resulting in a more efficient delivery system and a more manageable dataset.

View and Order Data Sets - United States Viewer
View and Order Data Sets - International Viewer

Data Set Information can be found at:

- [Urban Areas High-Resolution Orthoimagery](#)
- [National Elevation Dataset \(NED\)](#)
- [National Land Cover Dataset \(NLCD\) 1992](#)

IMPORTANT NEWS
Announcements
(updated 08 April 2004)

List of Map Services:

| | |
|---------------------------|------------------------|
| Data Delivery | Boundaries |
| Map Services | Elevation |
| Extract Services | Hydrography |
| Web Services | Land Cover |
| Viewer Templates | Orthoimagery |
| Links | Places (Names) |
| Information Sheets | Transportation |
| FAQ | Reference Grids |
| Site Map | |

List of Web Services:

| | |
|---------------------------|------------------------|
| Web Services | Elevation Query |
| Viewer Templates | Gazetteer Query |
| Links | USNG Query |
| Information Sheets | Greenness Query |
| FAQ | Other Services |

List of Links:

| | |
|---------------------------|--|
| Data Delivery | FGDC |
| Map Services | Open GIS Consortium |
| Extract Services | Geography Network Explorer |
| Web Services | Southern Africa Flood and Drought Network |
| Viewer Templates | National Land Cover |
| Links | National Elevation |
| Information Sheets | Global Land Cover |
| FAQ | Global Topo |
| Site Map | National Hydrography |
| | HYDRO 1K |
| | EDNA |
| | Information Access and Delivery |
| | NED |
| | KidsViewer |
| | Topographic Science |

List of Informational Sheets:

| | | |
|---------------------------|---|------------------|
| Links | Topic News and Announcements | Posted by |
| Information Sheets | High Resolution Orthoimagery | |
| FAQ | Homeland Security and Emergency | |
| Site Map | Kid's Viewer | |
| | Science and The National Map | |
| | Seamless Data Distribution System | |
| | Comprehensive Urban Ecosystems Studies | |

Description of Portal

Menu Cont.: Map, Extract, and Web Services provide access using WMS connections and query services.

Viewer Templates include downloadable ArcIMS templates. **Links, Information Sheets, and FAQ** provide information about the actual datasets, interactive maps, and general questions.

Capability of GISDATA

Map Studio: The GISDATA Map Studio site can be used as a map service. Enter the url <http://gisdata.usgs.net> within the software that provides map service capability. This provides access to data used in the interactive maps. The web service query is another capability that can be connected through GISDATA Map Studio.

Future Plans: The plans are to continually add to the map and web services, interactive maps, and data delivered.

Other Informative

URL's:

<http://gisdata.usgs.net/>
<http://gisdata.usgs.net/IADD>
<http://edc.usgs.gov>
<http://nationalmap.gov>

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