

# Esri® Geoportal Server

**Aggregate geospatial resources for improved discovery, use, and collaboration.**

Esri® Geoportal Server is an open source product that enables discovery and use of geospatial resources including datasets, rasters, and web services. It helps organizations manage and publish metadata for their geospatial resources so users can discover and connect to those resources. Geoportal Server supports standards-based clearinghouse and metadata discovery applications.

Geoportal Server was released under the Apache™ 2.0 license, which allows developers to freely customize and redistribute the software.

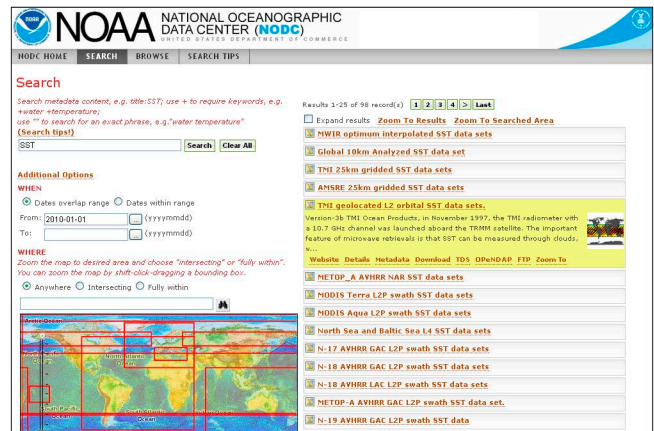
**With Geoportal Server, you can do the following:**

- **Reduce time and redundancy** of data production by connecting geospatial data and service producers with consumers
- **Maintain data integrity** by allowing organizations to easily share the authoritative version of data among users
- **Enable easy search and discovery** of existing geospatial data and services by allowing users to create and manage descriptions of their geospatial resources and supporting easy-to-use, sophisticated data discovery technologies

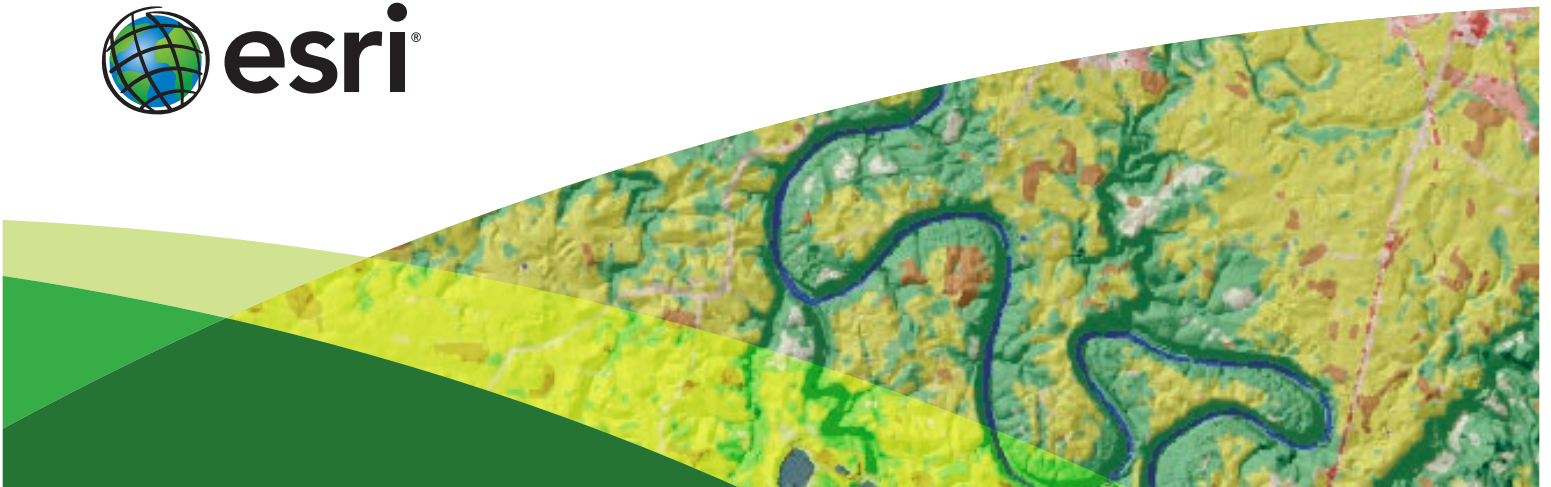
[esri.com/geoportal](http://esri.com/geoportal)



The City of Raleigh, NC, Geoportal is one part of the Open Raleigh Initiative, which makes it easier for citizens to interact with city government.



NOAA National Oceanographic Data Center (NODC) provides long-term stewardship and preservation of ocean data, archiving more than 25,000 data collections from ships, buoys, satellites, numerical models, and a wide variety of other in-water sensors.



## Key Features of Esri Geoportal Server

Esri Geoportal Server helps you build and administer a geoportal website where data producers can register their geospatial resources for users to discover and consume.

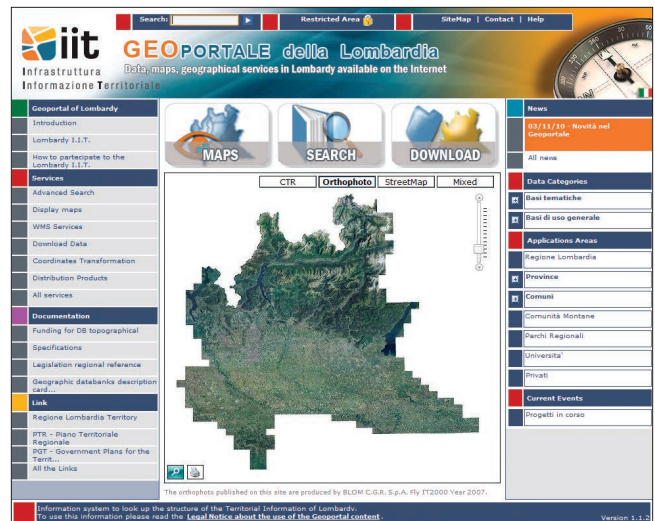
### Esri Geoportal Server

- Supports international data and technology standards, such as ISO®, OGC®, FGDC, INSPIRE, and W3C®
- Catalogs existing GIS resources regardless of location or type
- Facilitates discovery of GIS resources with the customizable geoportal web interface
- Integrates with Portal for ArcGIS®, ArcGIS<sup>SM</sup> Online, and ArcGIS for Desktop for streamlined interoperability across the ArcGIS Platform
- Synchronizes content from other catalogs and geoportals
- Supports REST, GeoRSS, OpenSearch, CSW, ATOM™, GeoJSON, KML, and HTML to expose content from the catalog service to external clients
- Integrates with third-party content management systems, portal frameworks, and authentication systems

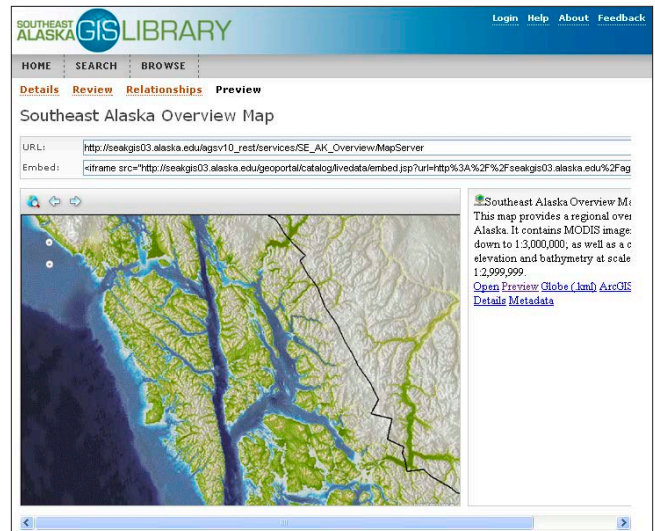
### Open Options with Open Source

The free open source model for Geoportal Server makes it easy for you to use and customize multiple geoportals. You can deploy a geoportal for the following:

- **Personal geospatial data management** to aggregate your local datasets and public or enterprise services to manage and browse all your resources in one location
- **Collaboration with other departments and organizations** for general or project-specific data sharing
- **Enterprise geospatial data management** to manage all your organization's geospatial resources in one location
- **Communication with the public** via the geoportal's intuitive web interface



Geoportal of Lombardy connects the geospatial data from the region's many organizations in one central location.



Southeast Alaska GIS Library allows users to search its geospatial database, preview key metadata fields, assess spatial extents, and link to GIS Library's website to download the datasets.

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Understanding our world.