

Geospatial One-Stop

Encouraging Partnerships to Enhance Access to Geospatial Information

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The NSDI Vision:

All levels of government will work collaboratively to ensure that current and accurate geospatial data is readily available to contribute locally, nationally, and globally to economic growth, environmental quality and stability, and social progress.

Geospatial One Stop Project

Geospatial One-Stop makes it easier, faster and less expensive for all levels of government and the public to access geospatial information, providing the tools for better government services. Geospatial One-Stop, an intergovernmental project managed by the Department of the Interior in support of the President's Initiative for E-government, is the gateway to the NSDI Clearinghouse network. The project works in partnership with the Federal Geographic Data Committee (FGDC) to encourage collaboration, and leverage government geospatial resources and best practices.

What Does "Geospatial One-Stop" Provide?

Geospatial One-Stop improves the ability of the public and government to find and use geospatial information to support the business of government and facilitate decision-making. In conjunction with the FGDC and its 19 member interagency membership established under OMB Circular A-16, Geospatial One-Stop helps provide the building blocks of a National Geospatial Strategy:

- One-Stop web access to currently available and future investments in geospatial information through www.geodata.gov
- Intergovernmental and interagency partnerships that help leverage investments and reduce duplication
- Collaborative approaches to sharing and stewardship of data
- Highlighting the value of geospatial information to support decision-making and the business of government
- Building communities around data categories to serve as data stewardship leaders and teams to maintain the currency of the portal.

Geodata.gov provides up-to-date and accessible information that can be gathered from many sources and compiled easily. Collecting once and using many times helps leverage resources and support an expanding range of government programs such as community planning, environmental impact, disaster response and homeland security.

What are the Tasks of Geospatial One-Stop?

- Establish a web-based portal for one-stop access to maps, data and other geospatial data and services (www.geodata.gov)
- Institute a collaborative process to develop data content standards ensuring consistency among data sets and allowing governments to share data and integrate multiple sources of information
- Create an easy-to-access inventory of currently available data collected by Federal, State, tribal and local government agencies, and the private sector.
- Cultivate a planned data investment marketplace that will allow Federal, State and local governments to combine resources with one another on future data collection/purchase plans

What are the Recent Accomplishments?

- Issued draft specifications for Geospatial One-Stop Version 2 for public comment at www.fgdc.gov
- Over 14,000 records of existing geospatial data sets and 150 data partnering opportunities are now available through the portal
- Issued draft data content/data exchange standard for public comment at www.fgdc.gov:
 - Orthoimagery
 - Elevation
 - Hydrography
 - Geodetic Control
 - Transportation
 - Governmental Units/Boundaries
 - Cadastral
- Selected portal Channel Stewards to proactively seek

out and highlight new data sets and geospatial tools

What are the Near-Term “Next Steps”?

- Extend regular “harvesting” of metadata to all NSDI sources of geospatial information
- Issue the Request for Proposal for Version 2 of the Geospatial One-Stop Portal
- Secure American National Standards Institute (ANSI) approval of the seven data content standards
- Work with the States on an initiative to collect and update local inventories and make available through the portal
- Continue efforts to facilitate collaborative partnerships for sharing development and maintenance of data

What are the Benefits for “One-Stop” Service?

Together, Federal, State and local agencies invest billions of dollars in geospatial information. Greater collaboration and easier access to available information helps avoid duplicative investments and allows for sharing of information across jurisdictions to support decision-making and emergency response.

Geospatial One-Stop Participating Federal Agencies:

The Department of the Interior has been designated as the Managing Partner on behalf of the White House with the following partners:

- Department of Commerce
- Department of Transportation
- National Aeronautics and Space Administration
- U.S. Environmental Protection Agency
- Department of Homeland Security
- Department of Agriculture
- Department of Defense

Geospatial One-Stop Intergovernmental Board of Directors:

An Intergovernmental Board of Directors composed of State, local, tribal and Federal representatives governs the project. Currently, Board members include:

- International City/County Management Association
- Intertribal GIS Council
- National Association of State Chief Information Officers
- National States Geographic Information Council
- National Association of Counties
- National League of Cities
- Western Governors Association
- Department of the Interior
- Department of Commerce
- Department of Transportation
- National Aeronautics and Space Administration

Further information available at www.geo-one-stop.gov

The National Spatial Data Infrastructure and the Federal Geographic Data Committee.

The 19 federal agencies that make up the FGDC are developing the NSDI in cooperation with organizations from State, local and tribal governments, the academic community, and the private sector. FGDC responsibility is based on Office of Management and Budget Circular A-16, and Presidential Executive Order 12906.

The NSDI is viewed as the technology, policies, standards, human resources, and related activities necessary to acquire, process, distribute, use, maintain, and preserve spatial data throughout all levels of government, the private and non-profit sectors, and academia. It provides a base or structure of relationships among data producers and users and focuses on processes that facilitate data sharing.

The structure and consistency that the NSDI brings to accessing, sharing and using geographic data, enables far more comprehensive analysis of data to help decision-makers locate and choose information that meets their needs. Specific examples of NSDI business processes are: multi-sector partnering of agencies for data, using NSDI metadata standards to document data; following NSDI content standards for framework data; and providing access to data using NSDI Clearinghouse technology.

Examples of collaborative Federal programs or projects that adhere to the tenets of the NSDI are:

- U.S. Geological Survey's (USGS) *The National Map*
- Census Bureau's Master Address File/TIGER Modernization
- Bureau of Land Management's National Integrated Land System
- Federal Emergency Management Agency's Interagency Geospatial Preparedness Team and Multi-Hazard Mapping

These and other agencies are developing geospatial products and business cases through partnerships with each other, and with non-Federal agencies for the production and dissemination of data according to American National Standards Institute (ANSI)/FGDC Standards using open-standard service specifications. Each program addresses a specific agency mission but also helps other programs and agencies at all levels of government to fulfill their missions by leveraging efforts, simplifying processes, and adopting NSDI practices. Collectively, the programs ensure that nationally complete and consistent base geographic data are readily available in the public domain. The foundation of these efforts is partnerships between and among governments at all levels and the private sector to provide for long-term data stewardship, enhancement, and sharing.

While the FGDC leads Federal coordination of OMB Circular A-16 related activities and evolution of the NSDI, successful implementation will be achieved through the coordinated actions of many programs, individuals and organizations from all levels of government and all sectors using the agreed upon business practices of the NSDI.

Further information is available at www.fgdc.gov