

Activity at a Glance

- Coordinates state Geographic Information Systems (GIS) support for response to floods
- Negotiates and manages enterprise GIS software license agreement benefiting 14 agencies
- Provides 14.4 million requested map images through web services in 2010
- 28 GIS consulting projects valued at more than \$600,000 of services in 2010
- Coordinates acquisition and management of data valued at more than \$3 million in 2010
- Coordinates Minnesota interactions with federal programs involving GIS issues

Activity Description

The Minnesota Geospatial Information Office (MnGeo) coordinates the state’s development, management, and use of geospatial information technology, including Geographic Information Systems (GIS). With broadly defined responsibilities authorized by M.S. 16B.99, MnGeo works closely with state agencies and stakeholders to improve services statewide through the coordinated, affordable, reliable, and effective use of GIS. Headed by the state’s first Geospatial Information Officer, MnGeo works closely with the Office of Enterprise Technology and is guided by advisory councils established to represent state agencies and organizations throughout Minnesota. MnGeo is a unit within the Office of Geographic and Demographic Analysis.

Population Served

MnGeo serves the entire state’s population, primarily by supporting state agencies and local governments. MnGeo also serves elected officials, federal agencies, non-government organizations, educators, and citizens.

Services Provided

GIS Coordination: MnGeo works with stakeholders throughout Minnesota to coordinate GIS, develop and implement standards and shared services; and integrate GIS with other technologies. For example, MnGeo has negotiated an enterprise license agreement that standardized GIS software among state agencies, expanding its use at savings up to 80% of the previous cost. MnGeo also coordinated statewide programs to acquire high-resolution imagery and elevation data (LiDAR), benefitting state agencies and local governments throughout Minnesota. MnGeo also represents the state’s GIS interests nationally as the state’s liaison with federal agencies.

Data Services: MnGeo serves as the state’s steward of publicly funded spatial data. In this role, MnGeo is responsible for organizing, safeguarding, and improving the value of these public investments by ensuring their availability and supporting their effective use. The Geographic Data Clearinghouse emphasizes services that promote access to data maintained by state agencies through web portals and web services. Clearinghouse services support organizations throughout Minnesota, reducing their costs, and improving their effectiveness.

Project Services: The Project Service Bureau assists state agencies and other government clients by designing and implementing projects that use GIS for analysis, planning, program operations, and decision-support. Unlike other MnGeo functions, which are supported by the general fund, the Service Bureau is entirely funded by project revenues.

Historical Perspective

MnGeo succeeds the Land Management Information Center (LMIC), which was established in 1978 to promote the introduction and development of technology for analyzing and mapping the use of land and natural resources within the state. As the state’s first organization devoted to using geographic information systems, LMIC served all of the state’s GIS needs during the early years. As state agencies and local governments adopted the technology, LMIC’s role shifted to coordination of geospatial information technology, promoting access to standardized geospatial data, developing GIS-based decision support tools that help organizations improve their effectiveness, and consulting with agencies in need of GIS assistance. Supported by stakeholders who participated in an extensive statewide assessment of GIS use, 2009 legislation established MnGeo with a broad and comprehensive mandate to coordinate Minnesota’s geospatial information technology. MnGeo is recognized within the state and around the nation for leadership and creativity in the GIS field.

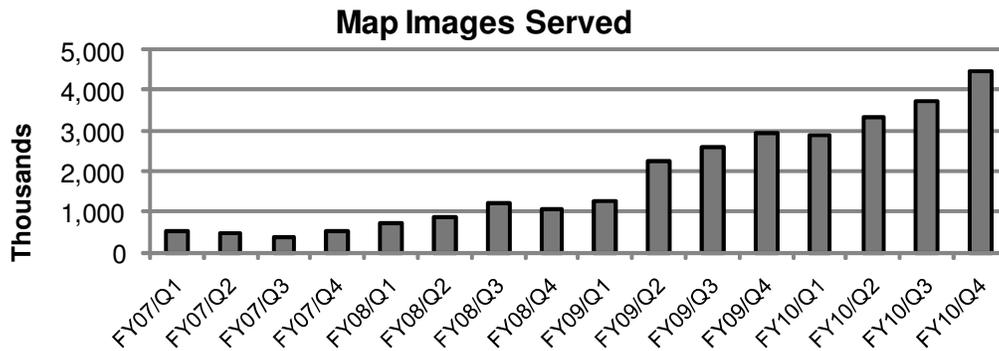
Key Activity Goals & Measures

Admin Goal – To provide our customers with valuable services, products, advice, and expertise
(<http://www.admin.state.mn.us/admin.html>)

Measure: The average *quality of service* score on MnGeo’s customer satisfaction surveys based upon a five-point scale where four = Good and five = Excellent. For FY 2010, those scores averaged 4.6, with 94% of the evaluations rated as Good or Excellent.

Admin Goal – To be recognized for our innovation and efficiency
(<http://www.admin.state.mn.us/admin.html>)

Measure: The number of map images served by MnGeo web mapping services designed to deliver data effectively and directly to GIS users and web mapping applications. During FY 2010, more than 14.4 million map images were served in “real time” to state agencies, local governments and other users throughout Minnesota. This number will continue to grow as MnGeo acquires and hosts new imagery.



Admin Goal – To reduce costs by working across government
(<http://www.admin.state.mn.us/admin.html>)

Measure: Continued agency demand for MnGeo’s Project Service Bureau consulting that is self-supporting at below market rates.

Activity Funding

MnGeo depends upon a general fund appropriation to support its core coordination activities. These are supplemented by grants, generally from federal agencies, that involve coordination between the state and federal programs. Project services are funded through contracts with agencies with fees based on rates established through an annual review process with Minnesota Management & Budget (MMB).

Contact

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ADMINISTRATION DEPT
Program: GOVT AND CITIZEN SERVICES
 Activity: MN GEOSPATIAL INFO OFFICE

Budget Activity Summary

<i>Dollars in Thousands</i>					
	Current		Governor's Recomm.		Biennium
	FY2010	FY2011	FY2012	FY2013	2012-13
<u>Direct Appropriations by Fund</u>					
General					
Current Appropriation	802	802	802	802	1,604
Technical Adjustments					
Operating Budget Reduction			(2)	(2)	(4)
Subtotal - Forecast Base	802	802	800	800	1,600
Total	802	802	800	800	1,600
<u>Expenditures by Fund</u>					
Direct Appropriations					
General	788	814	800	800	1,600
Clean Water	0	70	70	0	70
Statutory Appropriations					
Miscellaneous Special Revenue	706	1,467	730	740	1,470
Federal	245	376	114	0	114
Total	1,739	2,727	1,714	1,540	3,254
<u>Expenditures by Category</u>					
Total Compensation	1,175	1,473	1,333	1,272	2,605
Other Operating Expenses	564	1,229	381	268	649
Local Assistance	0	25	0	0	0
Total	1,739	2,727	1,714	1,540	3,254
Full-Time Equivalents (FTE)	13.3	16.4	14.5	14.4	