Minnesota Geospatial Advisory Council Priorities - 2024

Each of the below numbered items is a separate priority for the [Minnesota Geospatial Advisory Council](#) (GAC) in 2024, approved by GAC members on March 20, 2024. Priorities are determined by community feedback and availability of resources. If you have questions about a priority, [contact GAC leadership](#).

The active status of these priorities may vary. Priorities are listed by category, not order of priority.

Category: Open Data

1. **Statewide Parcel Data** - Statewide publicly available parcel data in the [GAC Parcel Data Standard](#).

2. **Statewide Address Points Data** - Statewide publicly available address points data in the [GAC Address Point Data Standard](#).

3. **Statewide Road Centerline Data** - Statewide publicly available road centerline data in the [GAC Road Centerline Data Standard](#).

4. **Publication of Open Foundational Datasets** - Published foundational datasets shared nationally through open data and commercial sources. Foundational datasets are defined as parcels, addresses, road centerlines, and critical infrastructure.

5. **More Fully Attributed Statewide Parcel Data** - An effort to increase the presence of field values within the statewide publicly available parcel dataset and as defined by the [GAC Parcel Data Standard](#).

Category: Emergency Preparedness, Emergency Services, Criminal Justice

6. **Critical Infrastructure Data Workflow** - A workflow for developing, sharing, and maintaining statewide, publicly available, authoritative geospatial data for primary critical infrastructure themes.

7. **Underground Utilities Data Sharing Team** - A project team to develop geospatial data sharing methodologies to support the state's underground utilities community.

8. **U.S. National Grid Materials** - Maps, procedures, templates, and other materials to help all levels of government implement the U.S. National Grid.

Category: Data Standards, Guidelines, Best Practices

9. **Culvert Data Standard** - A culvert data standard for data sharing across the geospatial and infrastructure asset management communities and to support development of a future statewide culvert inventory.

10. **Planned Land Use Data Standard** - A data standard for planned land use.

Category: Data Development, Data Storage, Data Services

11. **Updated & Aligned Boundary Data** - Updated and aligned boundary data from authoritative sources.

12. **Statewide County Boundary Dataset** - A single, aligned statewide county boundary dataset available on the Minnesota Geospatial Commons.

13. **Lidar Data** - New lidar data acquisition across Minnesota for use in developing new derived products guided by committee-developed standards.

14. **Hydro-DEMs** - Accurate hydro-DEMs (hDEMs) that serve modern flood modeling and hydro-terrain analysis tools, and the development of more accurate watercourses and watersheds.

15. **Statewide Imagery Program** - A long-term effort dedicated to optimizing the acquisition, inspection, documentation, distribution, and archiving of statewide imagery.

16. **Geodata Archive Implementation** - Implementation of an archive for Minnesota geospatial data.

Category: Outreach

17. **Success Stories for Geospatial Technology** - Outreach and education to show success stories for geospatial technology.

18. **K-12 GIS Resources Group** - A team dedicated to developing resources for K-12 educators to learn, practice, and implement GIS in the classroom.

Category: Public Land Survey Preservation

19. **Remonumentation of all original federal Section Corners** - Remonumentation of all original Minnesota section corners set by the national General Land Office.

20. **Statewide Survey Records Inventory** - An inventory and assessment of land survey records held by government agencies within the state of Minnesota.

On-Hold Priorities

The following priorities were put on-hold for 2024. They are still considered important priorities to the GAC, however, for various reasons these initiatives cannot move forward at this time.

1. Geospatial Commons Advisory Group
2. State-hosted GIS Servers with Feature Services
3. MnGeo Image Service Improvements
4. Statewide Future Planned Land Use

Retired Priorities

The following priorities were retired in 2024. However, the geospatial community may reintroduce these priorities to the GAC for consideration at any time.

1. Parks Data Standard
2. Snow Emergency Parking Data Practices
3. Street Parking Restrictions Data Standard
4. Fire Hydrant Data Standard
5. Recreational Trails Data Standard
6. Basemap Services
7. NG9-1-1 Geospatial Forum
8. Strategy Team for All Types of Imagery
9. State Business License Data
10. Inventory of MN GeoData Assets
11. Summary Crime Data