

Minnesota Geospatial Advisory Council Meeting

September 19, 2017

Blazing Star Room, Ground Floor, Centennial Office Building

658 Cedar St., St. Paul, MN 55155

11:00 a.m. – 2:00 p.m.

Agenda

1. Call to order (Chair)	11:00	20 min
a. Welcome new members		
b. Introductions		
c. Approval of agenda		
d. Approval of meeting minutes from 5/31/2017		
2. Review and accept committee and workgroup summaries and update to Standards Committee work plan (All)	11:20	5 min
3. Update on letters of support from May meeting (Kotz)	11:25	5 min
4. Description of GAC annual process and logistics (Kotz, Rader)	11:30	10 min
5. Approval of new 3D Geomatics Committee (Sjerven, Vaughn)	11:40	10 min
6. Geospatial Data Act (Kotz)	11:50	15 min
7. Break Networking	12:05	30 min
8. Local Update of Census Addresses (LUCA) program (Susan Brower, State Demographer)	12:35	20 min
9. Sector Report (Kerr)	12:55	10 min
10. EPC Update on USNG (Knippel)	1:05	10 min
11. Updates on MN GAC Priority Projects and Initiatives	1:15	20 min
12. Elect Chair, Vice Chair, Leadership Team	1:35	10 min
13. Announcements or other business (All)	1:45	15 min
14. Adjourn	2:00	

Agenda Item 2a. Review and Approval of Committee & Workgroup Summaries

Emergency Preparedness Committee

Report date: 9/12/2017

Prepared by:

Randy Knippel

GIS Manager, Dakota County

Randy.knippel@co.dakota.mn.us

Steve Swazee

President, SharedGeo

sdswazee@sharedgeo.org

Meetings:

March 9, 2017

Progress on work plan:

See status report below from Damage Assessment Tiger Team

U.S. National Grid Tiger team:

- Steve Swazee is engaging national USNG leaders
 - <http://www.usngi.org/>
- USNG Summit, LaCrosse, WI, May 23, 2017
 - Steve Swazee organized a multi-state all day workshop at UW LaCrosse
 - Randy Knippel and Steve Swazee conducted several presentations
 - 33 registered attendees
 - 15 from emergency services sector
 - 18 from GIS sector
- Randy Knippel joined the Metro Emergency Managers Association (MEMA) as their GIS liaison and provides updates on GIS activities in the State, MetroGIS, and Metro Counties.
- Pursuing formal participation in Tiger Team by emergency response representatives

Damage Assessment Standards Tiger Team

Report date: March 1, 2017

Prepared by:

Brad Anderson

GIS Manager City of Moorhead

brad.anderson@ci.moorhead.mn.us

Cory Richter

GIS Coordinator City of Blaine

crichter@ci.blaine.mn.us

Todd Lusk

Senior GIS Specialist Dakota County

Todd.Lusk@CO.DAKOTA.MN.US

Meetings:

1st Meeting - January 10th 2017

2nd Meeting - February 13th 2017

Next Meeting: March 7th 2017 @ 9:00am

Progress on work plan:

- Approved Purpose Statement
- Appointed Project Owner, Project Champion, and Co-Chairs.
- Researched NSGIC resources for data standards and best practices
 - Pre-Incident Checklist:
<https://www.nsgic.org/assets/docs/GPdocs/Pre-Incident-Checklist.pdf>
 - Stakeholder Report: (specifically pages 13-16)
https://www.nsgic.org/assets/docs/ATdocs/Issues_and_Recommendations_for_Four_National_Geospacial_Issues_040114_Final_Revision.pdf
 - FEMA Directive 092-5, states US National Grid is the standard geographic reference system:
[http://www.dco.uscg.mil/Portals/9/CG-5R/nsarc/USNGDirective\(2015_10_15_1802\)_3.pdf](http://www.dco.uscg.mil/Portals/9/CG-5R/nsarc/USNGDirective(2015_10_15_1802)_3.pdf)
- Documented three known Damage Assessment data schemas currently in use in Minnesota. The Excel spreadsheet is based on the one used by the Next Generation 911 Standards Workgroup, and will be used to help map out the (proposed) Minnesota Damage Assessment standards.
- The Group feels it is on track for the year, and has made good progress. We have only met twice.
- There are only a couple of impediments, but we are working through them with no problems. City resources in Waseca and Blaine are being used for the conference call system, and the online scheduler.

Additional comments:

- The Workgroup members are talking with their respective Emergency Managers, Fire Department personnel, and Building Codes officials to learn what specific data would be valuable for them to collect.
- Esri has good information on how their Damage Assessment template was developed through an Esri blog:
 - <https://blogs.esri.com/esri/arcgis/2012/10/02/whats-new-in-the-public-safety-damage-assessment-template/>
- The Workgroup is looking to present at the Association of Minnesota Emergency Managers (AMEM) conference this September in Breezy Point, MN.
- The Workgroup is initially focusing on the data needs for the first 'windshield' damage assessment collection. The needs for the second and third inspections will be addressed in future meetings.

Outreach Committee

Report date: September 7, 2017

Prepared by:

- Kari Geurts, kari.geurts@state.mn.us
- Len Kne, lenkne@umn.edu
- Geoff Maas, geoffrey.maas@metc.state.mn.us

Meetings:

The Committee has not met during the previous quarter, although a sub-group working on Open Data has made some progress on an Open Data Survey for cities.

Progress on work plan:

- Activities: The committee had a few informal online meetings to discuss the upcoming survey of free and open GIS data at cities across Minnesota. The survey is nearly ready and will be sent to city officials before the end of September.
- Accomplishments:
 - Developed a survey to send to Minnesota cities about their support and questions about free and open data. We have city contact lists from MnGeo and the League of Minnesota Cities.
 - Evaluate the use of the GAC YAK newsletter as another form of outreach for the committee. The committee continues to explore how to support the publishing of the GAC YAK.
 - Started collecting GIS success stories to promote the value of GIS to a wide range of stakeholders.
- Progress toward achieving proposed goals:
 - The Outreach Committee will participate in a **Panel Discussion** titled “**What is the MN Geospatial Advisory Council and Why is it so Fabulous?**” at the MN GIS/LIS conference in October.
 - The Outreach Committee will be proposing a presentation to the Association of Minnesota Counties conference this December, abstract is due June 16, Geoff is heading up that submittal on behalf of the group.
- Problems or impediments: None
- Required assistance: None

Additional comments:

None

Parcels and Land Records Committee

Report date: 09/12/2017

Prepared by: George Meyer

Meetings:

- 04/05/2017, 5/09/2017
- 09/06/2017 Minutes not yet posted

Progress on work plan:

As of 09/06 Final tweaks of proposed parcel data transfer standard. Standard was approved (pending adding DNR watershed designator) ready for submittal for Standards committee, with a caveat that the addressing portion is subject to findings of the addressing and standards committee. Changes to be made to align with their findings.

Review of data sharing outreach. Otter Tail County provided information which shows open data sharing made no impact on fee based requests. Information to be added in to ongoing outreach goals to bring more counties in.

Review of script written by DNR to assist counties in submitting data in standards format. Script is ready. When standards are approved, it can be tweaked for each county

2018 work plan goal established. Will begin development of a PLSS sharing standard.

Additional comments:

GIS/LIS. Geoff Maas and George Meyer will be presenting at an information panel; Mark Sloan has also offered to be there for any questions.

Standards Committee

Report Date: August 14, 2017

Prepared By: Geoff Maas, geoffrey.maas@metc.state.mn.us, 651.602.1638
MetroGIS Coordinator, Metropolitan Council
Chair, Standards Committee

Meetings:

- Last formal meeting occurred on Wednesday, June 21, 2017
- Past meeting minutes are available here: <http://www.mngeo.state.mn.us/committee/standards/>
- Another meeting of the Committee is anticipated in mid- to late October 2017

Progress on Work Plan:

A) Work Plan Document

The original Standards Committee Work Plan document was developed in August 2016 and approved by electronic mail vote in September 2016. The Work Plan document was modified to reflect upcoming work and anticipated standards-related activity; these modifications to the Work Plan were approved by the Committee on June 21, 2017.

B) June 21, 2017 Committee Meeting

The June 21 meeting was well attended by Committee members; key decisions and actions resulting from the meeting included the following:

- Appointment of Andra Bontrager (MCEA) to the post of Vice Chair;
- Approval of revision of the overall standards development process (flow chart) and content;
- Change of official review period for standards from '90-days' to 'a minimum of 60-days';
- Approval of the proposed Address Point Standard for a public review and comment period;
- Direction of a memo to invite regional and state partners developing centerline data standards and data set solutions to propose a single standard for the review of the Committee;

Minutes from the June 21 meeting are available here:

<http://www.mngeo.state.mn.us/committee/standards/>

C) Address Point Standard Public Review Period

The proposed statewide **Address Point Standard** was approved for a public review at the June 21 meeting by the Committee. The final proposed **Address Point Standard** candidate is essentially a "hybrid merging" of the long-standing Metro Address Point Standard and the more recently developed 911 Address Point Standard. In addition to the standard document itself, the Committee also provided a sample dataset, 10-page FAQ resource document and directions on how the geospatial community can provide comment on the standard.

All materials related to the proposed **Address Point Standard** can be found here:

http://www.mngeo.state.mn.us/committee/standards/address/address_standard.html

There was a significant outreach effort with the **Address Point Standard** to ensure as wide a stakeholder audience as possible was reached. In addition to known lists of city, county, state, regional and federal contacts, the notice of the public review was broadcast to the membership of the League of Minnesota Cities with the assistance of their CIO, Melissa Reader, and to the entire current membership of the Minnesota Municipal Clerks and Fiscal Officers Association. In total, over 1000 individuals received the notice of the proposed Address Point Standards availability.

The public review period will end on **Friday, September 22, 2017 at 4 pm**. After which the Committee will collect, analyze and publish the responses and comments received.

D) Parcel Data Transfer Standard

The Parcel and Land Records Committee (PLRC) has decided to put the advancement of the Parcel Data Transfer Standard on hold until all the comments from the Address Point Standard are received and published (after September 22). As the Parcel Standard also contains address information, it would be beneficial to have both standards align in their addresses to the extent possible.

All materials relevant to the current Parcel Data Transfer Standard can be found here:

http://www.mngeo.state.mn.us/committee/standards/parcel_attrib/parcel_attrib.html

The Parcel and Land Records Committee intends to convene via conference call at some time in early September.

E) Statewide Centerline Standard Proposal

On August 9, 2017, the MetroGIS Data Producers Work Group convened via conference call and, in response to the memo from the Standards Committee, will be advancing the Metro Regional Centerline Collaborative (MRCC) data standard as a candidate for a statewide centerline standard. Chair of the Data Producers Work Group, Randy Knippel (Dakota County), will be issuing a formal response to the Standards Committee's invitation memo on behalf of that group.

The MRCC Core Team Leadership is also anticipating the results of the Address Point Standard public review period (to end on September 22) and intends to review, compare and potentially align the address content portion of the proposed centerline standard to that of the Address Point Standard.

The MRCC Centerline Standard was developed between May 2014 and April 2017 to be a data model designed to meet many core centerline use cases such as NextGen9-1-1 applications, development of GIS-based MSAGs, routing, geocoding, cartographic representation and others. The MRCC standard closely aligns to the NextGen9-1-1 standard that was initiated in 2015.

Further advancement on a statewide centerline standard will likely commence in October or November of this year.

F) Additional Committee Work Activity

GIS/LIS Conference in Bemidji. Chair Maas will be giving a 25-minute presentation 'Taking the Pain out of Data Standards' at the conference this fall. This presentation will highlight the origin and tradition of developing standards in Minnesota with a summary of progress to date. The Parcel and Land Records Committee will also be giving a 25-minute presentation session on the Parcel Standard at the GIS/LIS Conference.

Glossary. A 'glossary of terms' remains in development and refinement by Chair Maas. This document will eventually be completed as a draft and submitted to the Committee for their input, review, critique and comment. Its intent is to provide clear and agreed-upon language and definition for terminology used in defining standards.

Additional comments:

None

Agenda Item 2b. Accept Standards Committee Revised Work Plan



Geospatial Advisory Council Standards Committee Work Plan 2017

Work Plan Date:

September 13, 2017

Chair and Vice Chair:

Geoff Maas, Chair (geoffrey.maas@metc.state.mn.us)

Andra Bontrager, Vice Chair (abontrager@mncenter.org)

Link to Committee Charter:

http://www.mngeo.state.mn.us/committee/standards/Charter_StandardsCommittee.pdf

Key Accomplishments in 2017:

- Solicited input on the results from the proposed Parcel Data Transfer Standard review period in in person sessions (*March 13, Duluth; Fergus Falls, April 5 in Fergus Falls, May 9, worked directly with Parcel and Land Records Committee in Walker, June 20 in Red Wing and June 22 in Mankato*)
- Expanded membership of Committee to a total of eighteen (18) members from all levels of government.
- Election of Andra Bontrager as Vice Chair of the Standards Committee (6/21/17)
- Committee convened on June 21 to approve the proposed Address Point Standard for a 60-day public review period (a merging of the Metro Address Point Standard and the 911 Address Point Standard; review period began on July 24 and will end on September 22.
- Public outreach to 700+ geospatial professionals and agencies on the 60-day review period
- Revision of the standards development and approval process (flow chart) for increased clarity on how standards are developed and proposed by the Standards Committee at its June 21 meeting;
- Invitation sent from Standards Committee to leadership of the Metro Regional Centerlines Collaborative and NextGen9-1-1 efforts to submit a joint centerline standard for the Committee's consideration.

Work Plan for 2017

Pending Activities

- Completion of the Address Point Standards 60-day public review period (to end on 9/22/17)
- Preparation of 'alignment document' of comments received from stakeholders on the proposed Address Point Standard (to be completed in last week of September)

Planned activities and deliverables:

- Publication of the results from the public review of the Address Point Standard (after 9/22/17)
- 25-minute presentation at GIS/LIS 'Taking the Pain out of Data Standards' (10/5/17)

- 25-Minute presentation at GIS/LIS on the Parcel Data Transfer Standard (10/5/17)
- Continued engagement with Parcel and Land Records Committee on advance of that standard once the Address Point Standard has been reviewed, late October
- In-person Committee meeting is being planned for late October

Roles and responsibilities:

Standard Committee Chair Maas has been deeply involved in the research, preparation of documentation and outreach on standards and their continued development. It is anticipated that he will continue to provide a leadership role with both communication and documentation of materials related to standards;

Standards Committee membership is to review, deliberate and provide approval as needed to the actions taken on behalf of the Committee in advancing standards work in the State;

Specific actions of the chair and membership are driven by needs as they arise;

Resources:

The Standards Committee depends upon the voluntary participation and ‘in kind’ contributions of its constituent membership to conduct its work, review documents, prepare documents and attend meetings.

Committee needs:

The greatest need of the Standards Committee is the *continued commitment of its constituent members* to review the materials prepared, provide their insight and the benefit of their expertise and contribute to the Committee in its meetings and on-line communications.

Dependencies and interrelationships:

The Standards Committee is *dependent* on the participation of its volunteer membership to conduct its work and it is dependent on the work of other committees (e.g. Parcels and Land Records, etc.) to develop draft standards.

The Standards Committee is closely interrelated to the other committees on the GAC and to the local, regional, state and federal individuals and agencies that need or wish to advance standards.

Risks:

What would cause the Committee to fail?

- Lack of engagement by the Committee membership in the standards development process;
- Lack of understanding and trust from the geospatial community in the standards development process;
- Lack of understanding of agencies and interests at all levels of the role of standards in geospatial work and inter-agency activity;
- Lack of a standards approval process within state government to get standards where they can be listed as part of the formally adopted state standards;

What can be done to mitigate the risks?

- The Committee needs to continue to develop and approve materials that are clear, concise, and easy to work with so the group can make good use of its time to advance the work;

- The Committee needs to maintain and strengthen its relationship to the entire geospatial community to advance and increase knowledge about why standards are important and useful, share information, define and act on topics of shared interest, and to strengthen relationships among geospatial professionals;
- State leadership needs to ensure that there is a standards approval process in place that engages the professionals and serves the highest and best aims of agency need, data producers and data consumers;

Additional Comments:

None.

Date approved by the Geospatial Advisory Council:

- Prior version was approved by the GAC on March 22, 2017; This current version reflects the decisions made by the Standards Committee on June 21, 2017 and tasks completed to date and was submitted to the GAC for approval at its Sept 19, 2017 meeting.

Agenda Item 5. Approval of new 3D Geomatics Committee

Committee on 3D Geomatics DRAFT Charter

Mission Statement

The Committee on 3D Geomatics (3DGeo) works to identify and promote the need for planning, funding, acquisition, and management of geomatic data and derived products. The committee engages multiple disciplines in Minnesota for the benefit of its resources and citizens; promoting the value, importance, and use of this complex and voluminous information.

Objectives and Deliverables:

As a committee of the Minnesota Geospatial Advisory Council, the Committee on 3D Geomatics will establish workgroups focused on various disciplines that utilize data derived from three-dimensional information, such as LiDAR and photogrammetry.

The Committee on 3D Geomatics will:

- Ensure that each workgroup involves strong leadership with at least one member of the Steering Committee to enhance coordination efforts
- Create effective work plans to help accomplish the goals of the workgroup
- Frequently engage membership to determine needs for specific products and associated workgroup focus
- Help the citizens and stakeholders of Minnesota identify the need for planning, funding, acquisition, and management of multi-use data products that can be derived from 3D Geomatic information
- Work with other GAC committees to accomplish these work plans such as the Standards, Emergency Management, and Outreach committees

Resource Requirements and Timing

MnGeo Administrative Assistance

- Access to a collaborative platform for committee meetings, WebEx, Skype, etc.
- Access to a file sharing system for the workgroups, SharePoint, Google Drive

Meeting Frequency for Steering Committee and Workgroups

- Steering Committee will meet every two months
- Co-Chairs for Steering Committee will meet monthly
- Each workgroup will establish their own work plans and meeting frequency, that will be approved by the Steering Committee

Anticipated Participants and Their Roles and Responsibilities

Co-chairs

Sean Vaughn
Minnesota IT Services @ DNR
763-689-7100
sean.vaughn@state.mn.us

Gerry Sjerven
Minnesota Power
218-355-3990
gsjerven@mnpower.com

Steering Committee

Name	Workgroup/Expertise	Agency	Email
Gerry Sjerven	Infrastructure/Utility (Co-Chair)	MN Power	gsjerven@mnpower.com
Sean Vaughn	Hydro/State (Co-Chair)	MNIT@DNR	sean.vaughn@state.mn.us
Dan Ross	At Large	MnGeo	dan.ross@state.mn.us
Clinton Little	Stakeholder/Manager	DNR	clinton.little@state.mn.us
Jennifer Corcoran	Forestry/Veg	DNR	jennifer.corcoran@state.mn.us
Joel Nelson	Hydro/Education	U of MN	nels1945@umn.edu
Mark Reineke	Hydro/Private	WSN	mark.reineke@wsn.us.com
Chris Sanocki	Hydro/Federal	USGS	sanocki@usgs.gov

Prepared By

Steering Committee; finalized by Sean Vaughn, MNIT (co-chair) & Gerry Sjerven, MN Power (co-chair)

Date Approved by the Geospatial Advisory Council

[To be established after committee approval]

Committee on 3D Geomatics DRAFT Work Plan

Work Plan date: September 12, 2017

Co-Chairs:

Sean Vaughn
Minnesota IT Services @ DNR
763-689-7100 x226
sean.vaughn@state.mn.us

Gerry Sjerven
Minnesota Power
218-355-3990
gsjerven@mnpower.com

Link to committee/workgroup charter:

Accomplishments from 2017

Work Plan for 2018

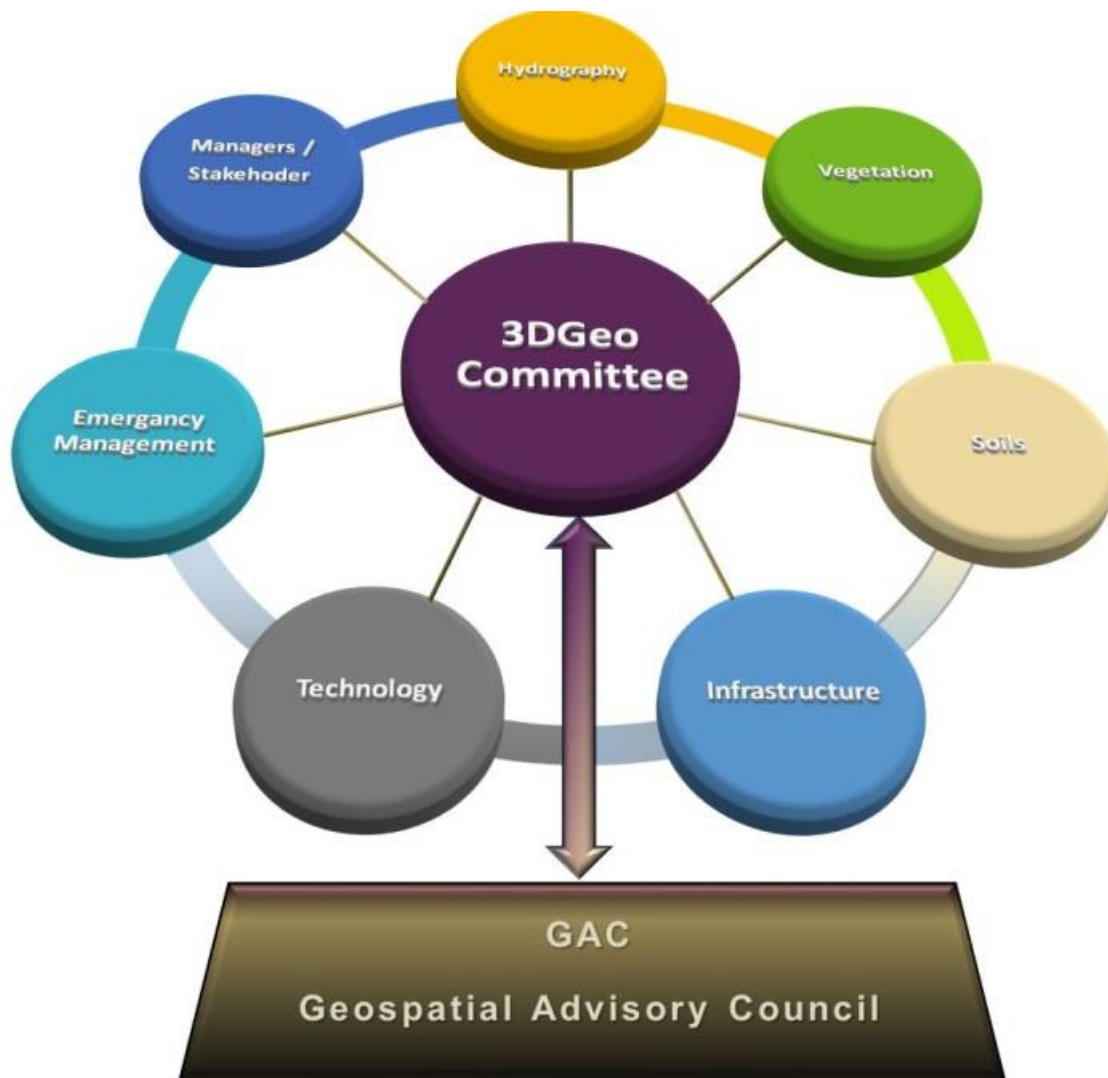
Planned activities and deliverables:

- Provide update of committee activities at 27th Annual MN GIS/LIS Consortium Conference & Workshops in Bemidji, MN in October.
- Engage membership to determine needs for specific products and associated workgroup focus. This will be accomplished by:
 - Engaging users through email survey of past committee members
 - Communications through MN GIS/LIS Consortium e-announcements
 - Surveys of other sectors through the Geographic Advisory Council outreach committee, and Minnesota Geospatial Advisory Council Meeting Summary (GAC Yak).
- Identify at least two workgroups by March 2018 and have defined work plans
 - Each workgroup will have a chair, either the chair or a co-chair will be part of the 3DGeo Executive Steering Committee
 - Each Workgroup would represent a wide range of expertise with active participation
 - Develop goals of the workgroups
- Establish timelines for workgroups.
 - Workgroups will develop drafts of work plans for 2018 for the March 2018 GAC meeting.
- Explore the potential for a technical Workshop/meeting in 2018
- Identify hosting location(s) website to serve educational materials and clearinghouse of technologies
- Committee on 3D Geomatics will prepare new Work plan for 2018 for the March 2018 GAC meeting.

- Provide update to the GAC meeting in December 2017 on development and establishment of Workgroups, including membership

Potential Workgroups (Areas of focus):

- Hydrography
- Vegetation
- Infrastructure
- Emergency Management
- Managers and Stakeholders
- Soils
- Outreach and Education
- Data Standards, Management, and Governance
- Acquisition Planning and Funding



Roles and responsibilities:

Current Steering committee listed below, some listed will be on a workgroup. Membership will expand for each workgroup and will include invitations to members of past committees.

Steering Committee

Name	Workgroup /Expertise	Agency	Email
Gerry Sjerven	Infrastructure/ Utility (Co-Chair)	MN Power	gsjerven@mnpower.com
Sean Vaughn	Hydro/State (Co-Chair)	MNIT@ DNR	sean.vaughn@state.mn.us
Dan Ross	At Large	MnGeo	dan.ross@state.mn.us
Clinton Little	Stakeholder/Manager	DNR	clinton.little@state.mn.us
Jennifer Corcoran	Forestry/Veg	DNR	jennifer.corcoran@state.mn.us
Joel Nelson	Hydro/Education	U of MN	nels1945@umn.edu
Mark Reineke	Hydro/Private	WSN	mark.reineke@wsn.us.com
Chris Sanocki	Hydro/Federal	USGS	sanocki@usgs.gov

Resources:

The committee will utilize the work and accomplishments of many earlier committee efforts.

Committees

- Digital Elevation Committee (<http://www.mngeo.state.mn.us/committee/elevation/index.html>)
- LiDAR Research and Education Subcommittee (http://www.mngeo.state.mn.us/committee/elevation/research_education/index.html)
- Hydrography Committee (<http://www.mngeo.state.mn.us/committee/hydro/>)
- Elevation Data for Minnesota (<http://www.mngeo.state.mn.us/chouse/elevation/index.html>)
- LiDAR Elevation Data for Minnesota (<http://www.mngeo.state.mn.us/chouse/elevation/lidar.html>)
- November 4th, 2015 LiDAR Committee Scoping Meetings Materials

Committee needs:

The steering committee will be working with the Outreach Committee and the MN GIS/LIS Consortium to help solicit membership for each workgroup, and identify workgroups missing from this plan. The committee and workgroups will utilize the GAC YAK as another way to connect to those located within state agencies.

Dependencies and interrelationships:

[To be established in 2018] As the workgroups are formed and identified, relationships and dependencies will be identified by those groups.

Risks:

- LiDAR and other 3D data acquisitions will not be standardized.
- Inaccuracies will be incorporated into future derived elevation data.
- Lack of standards.

- Projects utilizing state funding will produce data not suitable for distribution and application in other projects.
- More TBD

Additional Comments:

Date approved by the Geospatial Advisory Council:

Agenda Item 6. Geospatial Data Act

Related links and resources:

The current legislation in the Senate [S. 1253](#)

NSGIC's [description of the GDA and perceived benefits](#), including:

At a high level, the Geospatial Data Act will make the following improvements that will impact the framework data layers and other resources that constitute the NSDI:

- Codify the existing executive orders and other guidance documents that direct work by the Federal Geographic Data Committee (FGDC) toward the NSDI.
- Provide FGDC with the authority to make other agencies follow existing common sense rules
- Provide Congressional oversight over geospatial activities of FGDC members and other agencies.
- Require reporting that will allow Congress to track progress on the NSDI and ensure funding is spent wisely.
- Provide a great deal more clout to input developed by the multi-sector membership of the National Geospatial Advisory Committee (NGAC) and require the FGDC to address NGAC's concerns — not just dictate what NGAC should work on.
- Require Federal agencies to coordinate and work in partnership with other Federal agencies, agencies of state, tribal and local governments, institutions of higher education, and the private sector to efficiently and cost-effectively collect, integrate, maintain, disseminate and preserve geospatial data.

A [blog post](#) that describes some of the perceived problems with the current language.

[NSGIC's position](#) on the GDA

[Coalition of Geospatial Organizations \(COGO\)](#) Member organizations

- [American Society of Civil Engineers \(ASCE\)](#)
- [American Society for Photogrammetry and Remote Sensing \(ASPRS\)](#)
- [Association of American Geographers \(AAG\)](#)
- [Cartography and Geographic Information Society \(CAGIS\)](#)
- [Geographic and Land Information Society \(GLIS\)](#)
- [GIS Certification Institute \(GISCI\)](#)
- [International Association of Assessing Officers \(IAAO\)](#)
- [Management Association for Private Photogrammetric Surveyors \(MAPPS\)](#)
- [National Society of Professional Surveyors \(NSPS\)](#)
- [National States Geographic Information Council \(NSGIC\)](#)
- [University Consortium for Geographic Information Science \(UCGIS\)](#)
- [United States Geospatial Intelligence Foundation \(USGIF\)](#)
- [Urban and Regional Information Systems Association \(URISA\)](#)

Agenda Item 11. GAC Priority Projects and Initiatives

GAC Rank	Project or Initiative Description	Status	Project Owner	Champion
1	All public geospatial data in MN is free and open to everyone	Active	Len Kne	Ross
2	Assurance that the current MnGeo imagery service will be maintained and improved via a sustainable funding model, including policies on what layers are added and removed over time	Active	Mike Dolbow	Ross
3	Development of an active LiDAR Committee and additional support to move us forward toward updated LiDAR data and related standards	Proposed		
4	Improvements to MnGeo imagery service capabilities, such as HTTPS, tiling, downloading options, and increased refresh frequency	Active	Mike Dolbow	Ross
5	Statewide publicly available parcel data (including a data standard)	Active	George Meyer	
6	Statewide publicly available address points data (including a data standard)	Active	Adam Iten	Ross
7	Statewide publicly available street centerline data (including a data standard)	Active	Adam Iten	Ross
8	An emergency management damage assessment data standard for rapid, post-event damage assessment GPS field collection	Active	Brad Anderson	Lusk
9	MN-focused basemap services	Active	Sonia Dickerson	Ross
10	Statewide publicly available Geocoding service	Active	Mike Dolbow	Ross
11	Parks and Trails Data Standard	Active	Jim Bunning	Ross