

MetroGIS Coordinating Committee: Meeting Minutes

Thursday, October 26, 2023, 1:00 pm – 3:00 pm

Location: Virtual

DRAFT



Attendees

<input type="checkbox"/>	Special Expertise: Vacant	<input checked="" type="checkbox"/>	Govt - Regional: Marcia Broman, MESB
<input checked="" type="checkbox"/>	Govt - Co: David Brandt (Vice-Chair), Washington Co.	<input type="checkbox"/>	Govt - Regional: Matt Baker, MAC
<input type="checkbox"/>	Educational Sector: Pete Wiringa, UMN/U-Spatial	<input checked="" type="checkbox"/>	Govt - Regional: Nancy Read, MMCD
<input type="checkbox"/>	Educational Sector: Vacant	<input checked="" type="checkbox"/>	Govt - Regional: Mary Mortensen, Met. Council
<input checked="" type="checkbox"/>	Govt - City: Molly McDonald, City of Bloomington	<input checked="" type="checkbox"/>	Govt - Regional: Alex Steele, Minnehaha Creek WD
<input checked="" type="checkbox"/>	Govt - City: Tami Maddio, City of Egan	<input checked="" type="checkbox"/>	Govt - State: Catherine Hansen, MnDNR
<input checked="" type="checkbox"/>	Govt - City: Jonathan Mortensen, City of Shoreview	<input checked="" type="checkbox"/>	Govt - State: Joseph Mueller, MnDOT
<input type="checkbox"/>	Govt - City: Jessica Fendos, LOGIS	<input checked="" type="checkbox"/>	Govt - State: Alison Slaats, MnGeo
<input type="checkbox"/>	Govt - City: Vacant	<input type="checkbox"/>	Non-Profit: Jeff Matson, MCN/CURA
<input checked="" type="checkbox"/>	Govt - County: John Slusarczyk, Anoka County	<input type="checkbox"/>	Non-Profit: Vacant
<input checked="" type="checkbox"/>	Govt - County: Chad Riley, Carver County	<input type="checkbox"/>	Private Sector: Dan Tinklenberg, SRF
<input checked="" type="checkbox"/>	Govt - County: Randy Knippel, Dakota County	<input type="checkbox"/>	Private Sector: Vacant
<input checked="" type="checkbox"/>	Govt - County: Jesse Reinhart, Hennepin County	<input type="checkbox"/>	Private Sector: Vacant
<input checked="" type="checkbox"/>	Govt - County: Geoff Maas (Chair), Ramsey County	<input type="checkbox"/>	Private Sector: Vacant
<input type="checkbox"/>	Govt - County: Tony Monsour, Scott County	<input checked="" type="checkbox"/>	Special Expertise: Brad Henry, UMN
<input type="checkbox"/>	Govt - Federal: Vacant	<input checked="" type="checkbox"/>	MetroGIS (ex-officio): Tanya Mayer, Met. Council

Alternate Attendees: David Ortega, UMN/U-Spatial; Heather Albrecht, Hennepin County

Presenters: Bart Richardson, MnDNR; Joe Sapletal, Dakota County; Sean Vaughn, MNIT DNR

1) Call to Order (Maas)

1:03pm

2) Approve Today's Meeting Agenda (motion item) (Maas)

Motion to approve Agenda: Brandt Second: Knippel Motion carried.

See [Meeting Slides](#) for the following agenda item details.

3) Approve Minutes from last meeting (June 8, 2023) (motion item) (Maas)

- Minutes from the last meeting are here: www.metrogis.org (top right)
- Review action items from last meeting (Mayer)
 - **Complete:** Brandt will bring this idea of developing a **Parcel and Addressing Best Practices Guide** to the GAC and MCGISA. 6/8/2023: Brandt mentioned at the GAC meeting, but not much response. Brandt will discuss at Data Producers workgroup and discuss bringing it to MCGISA. 10/26/2023: Discussed at Data Producers workgroup, not to MCGISA yet. Maas has been working on this over the last year for Ramsey County. Washington County is working on a similar documentation. Will continue working on it but no need to carry forward to next MetroGIS meeting. **(Brandt)**

Motion to approve 06/08/2023 minutes as revised: Brandt Second: Hanson Motion carried.

Additional comments:

- **Henry, U of MN:** Utility seats are currently vacant. **ACTION:** Please send any recommendations and suggestions to fill those seats. Are there any landscape architects on the team? Also, **ACTION:** Henry suggests that MetroGIS acknowledge Jack Dangermond's upcoming award.
- **Slaats, MnGeo:** For utility rep - what about Barbara Cederberg COO of Gopher State One <https://www.gopherstateonecall.org/about-gsoc/12-about-gsoc?> Barb Cederberg is working with Steve Swazee (GAC EPC) on data sharing between utility companies and Gopher State One.

3a) Polaris Recognition – Tanya Mayer (Brandt)

4) 2023 Project updates

- 4a – Lidar New LIDAR collection and data status ([Metro Managers - Sean Vaughn and Joe Sapletal](#))
 - **Sapletal:**
 - Woolpert has been canceling stakeholder meetings for several meetings. Not a lot of updates. Not complete with the entire project area. Leaf issue for 3 counties, collected this spring. Metro Counties in areas 4 (H), 5 (A, D, R, W) and 6 (C, S). Corrections were needed, completed by Woolpert, and sent back to USGS for another review.
 - Group working on Derivative Products – processes developed at DNR to create those products.
 - MnGeo is working with Esri to build infrastructure to host this data. Developing processes with MnGeo to create all this data.
 - Hoping MN TOPO 2 is launched by sometime next year. And that we have data on hard drive, and the derivatives in MN TOPO 2 (or will give processing tools to Counties if it's too long for MN TOPO 2 to launch)
 - **Vaughn:**
 - Patience. Gratitude. Especially for protocol and standards we are using for this update, which does cause it to take longer but better data reliability and quality.
- 4b – External Platform Publishing ([Knippel](#))
 - GAC Committee met. Participated in Google Webinar. Also sit on NSGIC Committee on this topic. NSGIC is thinking more broadly about it. There is a National Address Database. If we contribute to that, others pull from that. Discussions to create a FGDC committee on this topic. GAC Committee is scheduling a meeting with Google Rep and Esri Community Maps rep at next 2 monthly meetings. Determine what we can do to provide statewide datasets to both and establish appropriate protocols to have MnGeo to do that for Counties. We are going to use the MetroGIS Address Points dataset as a proxy to the future state-wide address points datasets.
 - **Read, MMCD:** Can share a OSM contact
 - **Slaats, MnGeo:** Esri has a relationship with OSM. At the meeting with Esri, they will ask about that relationship. NAD is pulling from MetroGIS Address Points dataset with the Commons. NAD is very happy with the MN GAC Address Points Standard. State is close to launching both the Statewide Centerline and Address Points dataset.
- 4c – MLCCS Project Update ([Brandt/Mayer/Richardson](#))
 - **Bart Richardson, MnDNR:** [MLCCS Project Update Presentation](#) (Modeling Native Plant Community (NPC) with Random Forest).
 - Random Forest Model is a Machine Learning (ML) algorithm for classification and regression analysis.
 - Model uses the Esri Spatial Statistics Tool

- **Next steps** – predictive grid to polygons, then run the model statewide and validate in the field to be done this fall before snow.
- Decision to be made on project deliverables and wrap up vs. contract extension.
- Feedback from DNR and other groups – positive and onboard.
- **Read:** Smoothing random forest question, Kloiber had same issue, recommend reaching out to them
- **ACTION:** Tanya schedule time with Bart, Geoff, and Dave to discuss project wrap-up/extension
- 4d – Regional GIS Data Provisioning ([Broman/Maas](#))
 - See agenda item 6.

5) [MetroGIS Work Plan for 2024 \(motion item\)](#) (Maas)

- Review and discussion of proposed projects and priority ranking
- Vote to approve/deny/table the 2024 Work Plan

Motion to approve 2024 MetroGIS Work Plan: Knippel Second: Broman Motion carried.

6) **Regional Dataset Maintenance** ([Group Discussion](#))

- Status check-in from consumer and producer community;
- Leadership awareness – CIO/Director/Manager level vs. elected leadership;
- Need for process documentation;
- Resources for new staff working on regional datasets;

7) **Lightning Round Update** ([Entire group, remaining time](#))

- **Broman, MESB:** Continue to QA/QC datasets for NG911. Milestones: 1) Now have GIS Derived MSAGs (Master Street Address Guides) in our live 911 system, where there is one entry in the MSAG for each side of each road centerline segment in the metro. That effort has been ongoing for a couple of years. It exploded MSAG, but an integrated maintenance method is going to improve things long-term. Still operating in an enhanced 911 environment, and not quite fully in the NG911 environment. So MESB is tied to this flat file MSAG in the live system today but have made it look as much like the GIS data as possible in order to facilitate maintenance during this interim time while we wait for the state of Minnesota to go through the procurement and implementation process of the actual new core services for NextGen911. 2) Now operating with a general cadence of monthly updates from Counties. It has taken cooperation at all levels and from all the partners to be able to make that happen. Good confidence with it working for full NG911 role out.
- **Steele, Minnehaha Creek WD:** Community Stormwater Aggregation Project continues with the Stormwater Data standard. Field mapping completed, 27 unique datasets now in the Metro Watershed Standard. The final part of the project is QA/QC work before modeling can start at a watershed-wide scale. Will keep everybody up to date as we keep going and learning on stormwater data.
- **Riley, Carver Co.:** Redesign of property application (by year-end). Working on the Carver Link (fiber) initiative.
- **Brandt, Washington Co.:** GIS Road map with Esri (strategic planning) 8 different departments to evaluate pain points with using the technology, 1 more meeting to go to be ready to present. GAC update: 1 more day to submit MN GAC priority project suggestions.
- **Ortega, UMN / U-Spatial:** U-Spatial projects - Hazard mitigation planning, transitioning MN Counties to ArcGIS Hub sites or applications, moving static data (screen shots or snapshots in time of certain data) to the written plan, transitioning that to dashboards. Currently working on

the State of MN Hazard mitigation plan too, within AGOL. Also, some other projects at U-Spatial include Lead-service lines inventory and Environmental Justice projects.

- **Hansen, MnDNR:** I am still the interim GIS section supervisor with MNIT DNR and the big priorities this fiscal year is rebuilding ArcGIS Infrastructure into Azure environment. Also working to get file geographic data resource site of the GDRS to services in to a Web GIS platform. The goal is for people to access spatial data through services instead of through the file system.
- **Mueller, MnDOT:** Ramping up for plowing season – snow and ice projects now. Starting work on a summer mowing project. Fall Metro DOT user group meeting – Heather Amsbaugh from Hennepin County fantastic presentation. (Grad student winner at MN GIS/LIS this year – using GIS modeling (model builder)) She did geospatial modeling using model builder to calculate what roads within Hennepin County need to be repaired and what sort of repair would be best or recommended. She gave us five. Very excited to start using GIS for that sort of stuff and hoping to do that more in the future.
- **Knippel, Dakota Co.:** Current MCGISSA Metro County Representative. There’s also the monthly MetroGIS Data Producers Group (GIS Managers). Please let Randy know if you have anything to bring to either group. Dakota County: Contract with Nearmap (fall 3” and spring obliques), and release 6” Ortho mosaic after 6 months. Just released that data from last spring on the Geocommons. RMS of less than a foot, and very pleased with the accuracy. At GIS/LIS, gave a presentation on Aerial Photography and will give it again at next Metro GIS Data Producers Meeting (Nov 8).
- **McDonald, Bloomington:** Big city focus is to wrap up the park asset inventory project in order to use that data for Park and Rec maintenance plans and staff. Also working on social equity project for parks, highlighting what parks are in areas that have certain demographics. Next year includes tracking fiber in GIS.
- **J. Mortensen, Shoreview:** Brand new GIS coordinator, creating a list of big projects needed, mainly through Public Works – focus on tracking all maintenance of street signs, utilities, etc. Also working on to structure ArcGIS Enterprise to have dashboards and statistics for maintenance work.
- **Read, MMCD:** Updating all wetland and catch basin areas for the seven-county area from recent photos for next year. Encourage putting imagery on the Geocommons or cloud optimized storage for photos fast and easy for those of us just using them out in the wild.
- **Slaats, MnGeo:** A new Survey Coordinator, Corey Thurnau, started yesterday to lead the PLSS monumentation preservation program. GAC Project Priorities Survey is upcoming. Also, Heather Albrecht and Brita Maddox are the new GAC chair and vice-chair.
- **Henry, U of MN:** Looking for any GIS presentations about asset management, especially addressing the lead service lines issue. There’s a need for GIS to help engineers tackle the lead service line project and help the Health Dept. scope the cost of the project.
- **Mayer, Metropolitan Council:** If not done so, reminder to email to me your annual Regional Data Sharing invoices for \$4,000 per instructions sent in email. I’m processing them for payment as I receive them. Also, Met Council has started the internal process to execute the option to extend the Regional Data Sharing Contract with each county for 2 years. Expect the contract amendment to be sent to your representatives within the couple of weeks. Lastly, we are we have hired a new GIS specialist starting next week.
- **Maas, Ramsey Co.:** buried.

8) Adjourn

Meeting adjourned at 3:01 p.m.

Next Coordinating Committee Meetings

January 25, 2024, 1:00-3:00 pm

June 6, 2024, 1:00-3:00 pm

November 14, 2024, 1:00-3:00 pm

Summary of Action Items

- **ACTION:** MetroGIS CC Utility seats are currently vacant. Please send any recommendations and suggestions to fill those seats. (CC)
 - **Slaats, MnGeo:** For utility rep - what about Barbara Cederberg COO of Gopher State One <https://www.gopherstateonecall.org/about-gsoc/12-about-gsoc?> Barb Cederberg is working with Steve Swazee (GAC EPC) on data sharing between utility companies and Gopher State One.
- **ACTION:** Henry suggests that MetroGIS acknowledge Jack Dangermond's upcoming award. (CC)
- **ACTION:** Tanya schedule meeting with Bart, Geoff, and Dave to discuss MLCCS project wrap-up/extension (Mayer)