

# MetroGIS Coordinating Committee: Meeting Minutes

Thursday, December 8, 2022, 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 checked="" type="checkbox"/>	Educational Sector: Pete Wiringa, UMN/U-Spatial	<input type="checkbox"/>	Govt - Regional: Nancy Read, MMCD
<input type="checkbox"/>	Educational Sector: Vacant	<input checked="" type="checkbox"/>	Govt - Regional: Jon Hoekenga, Met. Council
<input type="checkbox"/>	Govt - City: Harold Busch, City of Bloomington	<input checked="" type="checkbox"/>	Govt - Regional: Carrie Magnuson, RWMWD
<input type="checkbox"/>	Govt - City: Tami Maddio, City of Eagan	<input type="checkbox"/>	Govt - State: Catherine Hansen, MnDNR
<input type="checkbox"/>	Govt - City: Jared Haas, City of Shoreview	<input checked="" type="checkbox"/>	Govt - State: Joseph Mueller, MnDOT
<input checked="" 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 checked="" type="checkbox"/>	Private Sector: Dan Tinklenberg, SRF
<input checked="" type="checkbox"/>	Govt - County: Randy Knippel, Dakota County	<input type="checkbox"/>	Private Sector: James (Jim) Fritz, Xcel Energy
<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

Additional Attendees: none

### 1) Call to Order (Maas)

1:03 p.m.

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

Additions/Changes: none.

*Motion to approve Agenda: Brandt      Second: Slusarczyk      Motion carried.*

### 3) Approve Minutes from last meeting (September 8, 2022) (motion item) (Maas)

- Minutes from the last meeting are here: [www.metrogis.org](http://www.metrogis.org) (top right)
- Review action items from last meeting (Mayer)
  - **Complete:** Add Jesse Reinhardt to MetroGIS Leadership Group (Mayer)
  - **Complete:** Set up agenda and co-lead the MetroGIS Data Producers Workgroup: Address Points meeting on September 16, 2022 (Broman and Maas)
  - **Complete:** Send the letter to the Policy Board with draft Policy Board Recitals (Maas)
  - **ACTION:** Think about getting contributions to the larger platforms (like Google Maps) from a GAC perspective, the communication or investigation with NSGIC. And secondly, just

MnGeo taking that on if the GAC entrusts. 12/8/2022: No update, keep as action item.  
**(Brandt, Knippel and Slaats)**

- **Complete:** MLCCS Project Proposal – *Discussing revised proposal today.*
  - Get some updated information from project presenters. i.e Questions: any additional software needed to run the model, additional data needed to run the model, is it going to run in ArcPro (Brandt)
  - Get some feedback and honest perspective on what we get out of this proposal from some others and add to 8-CC meeting for discussion. (Knippel)
- **Complete:** 2023 project prioritization vote – October 3 – October 30 (MetroGIS Leadership Group) – *Not needed with 1 proposed project.*
- **Complete:** Draft 2023 Work plan and budget document – November (MetroGIS Leadership Group) – *Discussing today.*

*Motion to approve 09/08/2022 minutes: Knippel      Second: Fendos      Motion carried.*

#### 4) Message from the Incoming Chair (Maas) 3 min

Discussion: [See meeting slides.](#)

#### 5) MetroGIS Policy Board Next Steps (Maas) 5 min

- [Communication to Policy Board Commissioners](#) – challenges to contacting commissioners
- [Policy Board Recitals](#) – update on completing this

Discussion: [See meeting slides.](#)

MetroGIS Policy Board officially ceases to exist at 12:00 p.m. on December 30, 2022.

Brad Henry: Asset Management comment. One of the counties took a lead in asset management to highlight to leadership and also to emulate. How can county-wide entities collaborate. Would like a presentation by MetroGIS on how County management is collaborating with other counties, especially with the one county that has a model.

#### 6) 2023 Work Plan, Projects, and Budget 30 min

- [MLCCS Project Review, budget, and approval](#) (**motion item**)

Discussion: [See meeting slides.](#) Brandt gave a summary of the proposal, including end result deliverable of a model. A lot of government and academia very interested in this project.

*Motion to approve MLCCS project for 2023: Slusarczyk      Second: Mueller      Motion carried.*

**ACTION:** Mayer will begin the process to set up an interagency agreement contract for the MLCCS Project with the MnDNR (**Mayer**)

- Lidar project update (Reinhardt) – Central Mississippi Block
  - 2022 data collected this year. Anticipated preliminary delivery to USGS this winter (2023). This will include Point Cloud, DEM/Bare-Earth Surface Raster, Lidar Swath Polygon, Hydro-break lines, Metadata & Reports. This will also include derived-products: 1-ft Contour dataset, Hill-shaded DEM, and Canopy Height Model. There is a discussion about additional unfunded derivative products. Hennepin Co. is surveying their users to determine which products are most useful, such as building footprints, land cover, land use, planimetric data, impervious surface, etc.
  - There is a **3DGeo and 3DEP products update and discussion on Tuesday, December 13<sup>th</sup> from 10-11 AM.** 3DGeo will provide an update on 3DEP deliverables, 3DGeo vetted

products and draft timelines. Join us if you have questions or interest in participating to help shape derived products. *Contact Joe Sapletal to receive an invitation.*

Discussion: Tinklenberg (SRF) – is the DEM 1 meter or submeter? Not sure.

Wiringa – who has been contacted at the U about additional derivative products? The project team informally discussed with Joe Knight and Len Kne, as well as Alison Slaats, MnGeo. Possible that some work at the U of MN could be in-kind for the benefits they receive from that data.

- 2023 Work Plan document and projects (Maas)

Discussion: [See meeting slides](#).

**External Platform project:** MnGeo talked with rep from Google at IT Symposium on 12/8/2022. Slaats let Google rep (local rep for MN) know that MN is interested in pushing statewide parcels, points, centerlines to Google. Knippel: Will they acknowledge the authoritative data source? Slaats: they will have that conversation. Slaats: noted the GAC Priority survey included this item and are awaiting results for 2023 priorities. **ACTION:** Knippel: coordinating a meeting with Slaats and Brandt on this topic (added to the carry over action item).

**9-1-1 Regional Data Viewer:** Broman discussed ongoing, daily use of the [9-1-1 Regional Data Viewer](#).

**GIS Data Provisioning for NextGen9-1-1:** Maas described proposed project next steps. Broman described focus of the data lifecycle flow of roads and addresses. It's valuable documentation for new staff and describing to leadership.

**Best Practices Guides (on-hold):** Hoekenga asked if it would it make sense for the Parcel and Addressing Best Practices Guide be developed by the state? **ACTION:** Brandt will bring this idea of developing a Parcel and Addressing Best Practices Guide to the GAC and MCGISA (**Brandt**)

- 2023 Budget (Mayer)

Discussion: Mayer walked through the MetroGIS budget line items from the Met Council I.S. budget that is included in the 2023 Work Plan. No further discussion.

- 2023 Work Plan Approval (**motion item**)

Discussion: Nothing further.

*Motion to approve [2023 Work Plan](#): Brandt                      Second: Knippel                      Motion carried.*

## 7) MetroGIS Validation Enhancements (Hoekenga) 5 min

Discussion: [See validation enhancements slides](#). Hoekenga described the validation enhancements being worked on, reasons for updates, and timeline of updates. This included Address Points validation to adhere to the GAC standard which will also help prepare it to be included in the Esri Community Maps program. Several counties have agreed to be testers of the tool enhancements. Questions? Slaats - have you (Met Council) talked to Bill Mitchell at MnGeo about address part validation? No, not yet. **ACTION:** MnGeo and Metropolitan Council will meet to discuss data validation processes, determine any complimentary/overlap. (**Slaats/Hoekenga**)

## 8) Processes and Communications regarding Addressing from City to County (Brandt) 20 min

Discussion: [See meeting slides](#). Brandt describes the Washington County Addressing Process.

**ACTION:** Brandt will share the Washington County Addressing process with other counties. (**Brandt**)

## 9) Visibility of GIS to leadership (Brandt/Maas) 30 min

- Need for more visibility of GIS work and the GIS profession
- Communicating the value of GIS/geospatial work to leadership
- External platform and 9-1-1 consumption of our data (long process, big impact)
- Present at non-GIS conferences/events
- Awards/recognition of projects/individuals/departments making contributions
- Add to listing of milestones on metrogis.org web page

Discussion: [See meeting slides.](#)

Brandt: Their opportunity to provide visibility of GIS was once a year with a presentation with County Board. That was not enough visibility to educate and highlight the value of how important GIS is to the public work that gets done. The question is, how to do this better? The list above are ideas for opportunities. Is MetroGIS interested doing something like this? Should we have an awards committee and create some awards?

Knippel: MCGISA (Minnesota County Geographic Information Systems Association) is being restarted and this has come up in their conversations too. How do we get support on common issues about GIS – staff resources, investments, understanding of what GIS is, etc. MCGISA is currently pursuing it in the county context. It's an effort to establish a better relationship between GIS professionals and IT leadership at the County and across the state. Maybe MCGISA awards? How do we help each other with success stories library for others to use? Should we be doing something in the MetroGIS context that we can share and work together, leverage very similar initiatives? If we don't tout our work, we become invisible, and it doesn't get the recognition.

Henry: MN APWA website is set up for stories like this on infrastructure/asset management. Coordinate how GIS and Engineers can work together. Tie in the GIS messaging with the Engineering messaging.

Reinhardt: Are there awards that already exist that we can nominate people, groups, projects?

Riley: Maybe look at Association of Minnesota Counties (AMC) ([mncounties.org](http://mncounties.org)) awards.

Brandt: Explore more opportunities for GIS at the IT Symposium?

## 10) Lightning Round Update (Entire group, remaining time)

- Brandt (Washington Co): Staff turnover is a major issue. Continue to work and assist on asset management in Public Works. Working with AI to look at impervious surfaces. Conservation in the parks. Helping Surveyors converting to ArcGIS Pro for editing. 2022 aerials are available online. Flying 2023 oblique with Pictometry. Working to put some governance around AGOL content management. Invited to the Western WI GIS User Group meeting. Washington County works with all 3 border WI counties because of emergency services.
- Magnuson (RWMWD): in process of moving to ArcGIS Pro.
- Riley (Carver Co): Fiber optic project continues to be a huge project. Looking towards moving GIS infrastructure to the cloud to test. With regards to GIS recognition: there is an Asset Management year-end recognition for all departments – Public Works director promotes GIS in that presentation, and they strive to get that message to leadership when they can.
- Tinklenberg (SRF): A busy year coming up for GIS at SRF. Tried to upgrade to ArcGIS 11 (from 10.8) but needed to rollback to 10.8 and move to 10.9 before 11.
- Hoekenga (Metropolitan Council): Migrating all GIS infrastructure to Azure by mid-2023. Then upgrade Enterprise from 10.8 to 10.9.1.

- Reinhart (Hennepin Co.): Conducting an aerial imagery assessment for internal users and external partners, to find the baseline imagery needs, best way to distribute and find out Lidar derivative needs. Migrating to Azure and upgrading ArcGIS Enterprise in 2023.
- Fendos (LOGIS): LOGIS working on external facing projects. Enterprise Portal on version 11, using SAML on that Portal. Have 2 standalone servers on 10.9.1. Converted to ArcGIS Pro in 2022 and provided training to city users. Helped Forest Lake implement feature services for asset management.
- Slusarczyk (Anoka Co.): Doing a lot of work for the Highway Department. With regards to GIS recognition: submitted projects for AMC awards in the past. Fortunately, they are in a good place at the county and feel like leadership understands the value.
- Knippel (Dakota Co.): MCGISA and MNCITLA (Minnesota County Information Technology Leadership Association) meeting next Friday. Imagery received and tested. Spring 6" imagery will be released publicly soon. Dakota County has a drone team/workgroup across departments, including 3 pilots in GIS office. This provides opportunities to engage with the team for any mapping implications. There is a Dakota Co. IT Manager vacancy that closes tomorrow 12/9. With regards to GIS Recognition: Provided an example of a question from his CIO about GIS (resulting from an AMC meeting) – this is when spreading the value would have been helpful.
- Broman (MESB): QA/QC work with NG911 datasets. Last few months converted Washington and Sherburne counties to MSAG. Carver County and Minneapolis next in 2023. Continue to evaluate validating 911 call location process. Looking at northern part of the area with alignment issues along boarder edges.
- Mueller (MN DOT): MnDOT effort to migrate to ArcPro. Lots of GIS work, especially asset management and construction.
- Wiringa (UMN/U-Spatial): Semester wrapping up. Running ArcGIS Pro 3 for most students this semester. This is the last semester using ArcMap for exercises. Shifting from student positions to regular employees at U Spatial. 20,700 AGOL users (10,000 active). Using ArcGIS Image (available to education institutions). Discussing backup options for AGOL content. They are on ArcGIS Enterprise 10.9.1 and waiting for 11.1 before next upgrade. Lots of interest in StoryMaps.
- Slaats (MnGeo): Parcel state-wide public opt-in data for 42 counties (75%). Looking for opt-in for the centerline and address points state-wide datasets to publish this year. MPA for Esri price list is going up 10% across all software packages. A bid prior to the end of year is good for 90 days. MN TOPO 2.0 – new version in the next few months to access/download new lidar data. Working with DEED to do address fabric work.

## 11) Adjourn

*Motion to adjourn at 2:39 p.m. Fendos      Second: Mueller      Motion carried.*

### **Next Coordinating Committee Meetings**

January 26, 2023, 1:00-3:00 pm

June 8, 2023, 1:00-3:00 pm

## Summary of Action Items

- **ACTION:** Think about getting contributions to the larger platforms (like Google Maps) from a GAC perspective, the communication or investigation with NSGIC. And secondly, just MnGeo taking that on if the GAC entrusts. 12/8/2022: No update, keep as action item. Knippel: coordinating a meeting with Slaats and Brandt regarding Google Rep conversation and other External Platform items. **(Brandt, Knippel and Slaats)**
- **ACTION:** Mayer will begin the process to set up an interagency agreement contract for the MLCCS Project with the MnDNR **(Mayer)**
- **ACTION:** Brandt will bring this idea of developing a Parcel and Addressing Best Practices Guide to the GAC and MCGISA **(Brandt)**
- **ACTION:** MnGeo and Metropolitan Council will meet to discuss data validation processes, determine any complimentary/overlap. **(Slaats/Hoekenga)**
- **ACTION:** Brandt will share the Washington County Addressing process with other counties. **(Brandt)**