MetroGIS Coordinating Committee: Meeting Minutes

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

Location: Virtual

APPROVED

Attendees

☐	Special Expertise: Vacant	☒	Govt - Regional: Marcia Broman, MESB
☒	Govt - Co: David Brandt (Vice-Chair), Washington Co.	☐	Govt - Regional: Matt Baker, MAC
☒	Educational Sector: Pete Wiringa, UMN/U-Spatial	☒	Govt - Regional: Nancy Read, MMCD
☐	Educational Sector: Vacant	☒	Govt - Regional: Jon Hoekenga, Met. Council
☒	Govt - City: Harold Busch, City of Bloomington	☒	Govt - Regional: Carrie Magnuson, RWMWD
☐	Govt - City: Tami Maddio, City of Eagan	☒	Govt - State: Catherine Hansen, MnDNR
☐	Govt - City: Jared Haas, City of Shoreview	☒	Govt - State: Joseph Mueller, MnDOT
☒	Govt - City: Jessica Fendos, LOGIS	☒	Govt - State: Alison Slaats, MnGeo
☐	Govt - City: Vacant	☐	Non-Profit: Jeff Matson, MCN/CURA
☒	Govt - County: John Slusarczyk, Anoka County	☐	Non-Profit: Vacant
☐	Govt - County: Chad Riley, Carver County	☒	Private Sector: Dan Tinklenberg, SRF
☒	Govt - County: Randy Knippel, Dakota County	☐	Private Sector: James (Jim) Fritz, Xcel Energy
☒	Govt - County: Jesse Reinhart, Hennepin County	☐	Private Sector: Vacant
☒	Govt - County: Geoff Maas (Chair), Ramsey County	☐	Private Sector: Vacant
☐	Govt - County: Tony Monsour, Scott County	☐	Special Expertise: Brad Henry, UMN
☐	Govt - Federal: Vacant	☒	MetroGIS (ex-officio): Tanya Mayer, Met. Council

Additional Attendees: Craig Prisland, Carver County; Heather Albrecht, Hennepin County.

1) **Call to Order** (Maas)

   1:04 p.m.

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

   Additions/Changes: none.

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

3) **Approve Minutes from last meeting (December 8, 2022) (motion item)** (Maas)

   - Minutes from the last meeting are here: www.metrogis.org (top right)
     - ✓ Revise: P5. 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~~ White Bear Lake implement feature services for asset management.
   - Review action items from last meeting (Mayer)
     - o **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. 1/Knippel: coordinating a meeting with Slaats and Brandt regarding Google Rep conversation and other External Platform items. 1/23/2023: MetroGIS group met. Brandt will fill out the paperwork for a GAC committee since it is a GAC priority. This is also a NSGIC

priority. Knippel will be on the NSGIC committee and will report back from that group. **(Brandt, Knippel and Slaats)**

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

- o ==ACTION:== Brandt will bring this idea of developing a Parcel and Addressing Best Practices Guide to the GAC and MCGISA **(Brandt)**

- o **Complete:** MnGeo and Metropolitan Council will meet to discuss data validation processes, determine any complimentary/overlap. **(Slaats/Hoekenga)**

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

Motion to approve 12/08/2022 minutes as revised: Fendos   Second: Mueller   Motion carried.

4) **MetroGIS Needs Assessment Survey Results** (Maas)

- See slides for results details.

  - o Mueller: For Jurisdictional Road boundaries -- where on a road does each jurisdiction begin/end for maintenance/plowing. (Like along Snelling Ave in Roseville, aka MN-51, where does MnDOT/Ramsey County/Roseville take care of the road? Where do highways end and county roads or city roads begin? Boundaries like that. A big issue in both downtowns and where the highways end and meet cities/suburbs across the metro. Maas: suggests a pilot project to capture this information that could be used for a larger effort.

  - o Albrecht: Are there maintenance agreements in place for assets in question at the intersection of jurisdictional roads? could be a starting place.

  - o Albrecht: Watershed Management Organization boundaries are challenging (Geocommons data is old, and some areas are reported to not be correct).

  - o Maas: Suggests that MetroGIS group could help address and examine in more detail the Landmark data needs and status. Discussion on how others are defining landmarks.

  - o Wiringa: Vector tile basemaps (instead of image tile basemaps) for the metro area – like the Met Council basemaps in a vector-tile format. More efficiencies and easier to use in many cases.

  - o Hansen: Thank you Geoff. I plan to share these questions and examples with the Region 3 (Central Region) DNR Management Team leadership early February.

5) **2023 Project updates**

- Lidar (Maas)

  - o See slides for status.

- External Platform Publishing (Knippel)

  - o See slides. Update provided in Action Items above.

- MLCCS Project Update (Brandt/Mayer)

  - o Contract process started at Met Council to set up interagency agreement with DNR.

- GIS Data Provisioning for NextGen9-1-1 (Broman)

  - o See slides. ==ACTION:== Broman: Recommends renaming this to "**Regional GIS Data Provisioning**" initially targeting documentation and workflow documentation to support county efforts.

- o For example: Geoff shared flow chart/diagram (communication tool) to show workflow of a New Address assigned to implement in GIS and all the steps required by law in between. Envisions refined versions of that flow chart/diagram.
- o Fendos: Is there a new platform recommended for submitting addresses? Maas: Not at this time.
- o Knippel: Dakota Co. has agreement with cities to submit addressing information and the County assists – a collaborative arrangement – some use address editor, other connect direct to the services to update.

6) **Lightning Round Update** (Entire group, remaining time)

- Maas: Lots of GIS projects at Ramsey County. Working to improve formality of updates of data they receive from cities. Maas is taking ownership of Ramsey County parks and trails data in 2023.

- Brandt: request to have a Metro County public works asset management group meeting, suggests adding it to 8-cc or MetroGIS.

- Browman: Same work encouraging data updates with data producers, including encouraging counties to continue to stick on a schedule for updating their roads and address points to the regional data sets. We find that things fall off here and there. The holidays had some impact on that, but we'd strongly encourage counties to really get on a regular schedule of submissions so that we don't have these gaps where things go several months between updates.

- Slaats: Continues to work with GAC leadership to reach out to the Counties to share into statewide datasets of address points and centerlines. MCGISSA suggests that GAC prepare 1-2 pager of why open data is important and beneficial, so the GAC Outreach Committee is working on that.

- Wiringa: Wiringa: Spring semester started. Hazard Mitigation Planning contract. Working with cloud optimized GeoTIFFs and cloud storage connections in ArcGIS Pro to improve how we make raster products (mostly NAIP imagery) available to internal audiences, and possible serve for web apps. Exploring options and interested in what others may be doing.

- Read: Mosquito Control is very grateful for imagery shared by counties. Working on mosquito control data updates. MMCD is updating all of our wetland maps right now (wetlands and structures that hold water) which probably overlap with other's assets, but MMCD isn't concerned about who owns it, they just treats it. MMCD has catch basins all cleaned up and is coordinating with cities. Also – attended a talk at the International Open-Source meeting by the organizer for Open Street Map. She might be willing to do a talk if anyone thinks would be of interest.

- Knippel: Starting deployment of ArcGIS Pro to all Dakota County GIS users, leveraging as much free online Esri training that is available. They have developed a short-list of recommend training for their users. Struggling with Esri licensing with their new licensing model (do not have Enterprise License Agreement) because of the move from concurrent use model to subscription model (named user license), which will increase their cost by 50% without any change in their usages. Currently assessing costs with other metro counties to compare. 8-CC continues to meet monthly to discuss various common topics and work. Let Randy know if you have any topics.

- John S.: We are creating a lot of custom apps for their Highway Department, including building a traffic counts application for the spring and just recently created an adopt A highway app. Busy working with Near Map to correct some projection issues (not working in CAD) with the spring and fall imagery data. Also doing a lot of updates with Central Square CAD. We provide all the support from the GIS perspective to our 911 Central Communications Department. They

are getting a new phone system down there and you know, with new systems, they require the data in different schemas or dropping data for that and requested that we create a whole system of Hwy points. Basically, kind of landmark points along the major highways and major roads so that dispatchers can reference areas like 35W just south of Lake Street or 35W at Lake St overpass to make it quicker for dispatching and for voice recognition with police officers on the freeways. 911 is always an area that uses up a lot of time. We've been doing lots of projects and data updates for them.

- Hoekenga: Currently Met Council is working with metro counties on validation enhancement project, to help improve sub-address information and move tools to ArcGIS Pro. In testing now.

- Bush: FYI - Bob O'Neil retiring in May. Will be reviewing and hiring coordinator position soon.

- Hansen: MNIT DNR updating all services and applications and migrating them to the cloud environment. Moving forward with a web GDRS and enabling more of an ArcGIS Portal implementation. MNIT DNR is also moving everyone to ArcGIS Pro 3.0 and to ArcMap 10.8.2. Happy to help with any training questions, or any insight on ArcGIS Pro training with Esri.

- Tinklenberg: SRF requesting help with creating custom Projection/Datum transformations. The issues encountered are not visible. However, for certain applications like looking at individual intersections for design work, they are noticing a bit of a shift because the transformation is not properly being accounted for. I'm trying to create a custom projection based on parameters that Mn Geo publishes or MN DOT publishes in a PDF with some of those parameters, but I think I applied it wrong and I may have been doing things backwards so. I would like to discuss with anybody that has any experience with it.

7) Adjourn

Motion to adjourn at 2:07 p.m.: Knippel   Second: Tinklenberg   Motion carried.

Next Coordinating Committee Meetings
June 8, 2023, 1:00-3:00 pm
October 26, 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. 1/Knippel: coordinating a meeting with Slaats and Brandt regarding Google Rep conversation and other External Platform items. 1/23/2023: MetroGIS group met. Brandt will fill out the paperwork for a GAC committee since it is a GAC priority. This is also a NSGIC priority. Knippel will be on the NSGIC committee and will report back from that group. **(Brandt, Knippel and Slaats)**

- **ACTION:** Brandt will bring this idea of developing a Parcel and Addressing Best Practices Guide to the GAC and MCGISA **(Brandt)**

- **ACTION**: Rename "**GIS Data Provisioning for NextGen9-1-1**" project to "**Regional GIS Data Provisioning**" **(Mayer)**