

MetroGIS Coordinating Committee: Meeting Minutes **DRAFT**

Thursday, August 8, 2019, 1:00 pm – 3:30 pm

Metropolitan Counties Government Center, 2099 University Avenue, St Paul



Attendees:

Erik Dahl, MnEQB, Chair

David Brandt, Washington County, Vice Chair

Jesse Reinhardt, Hennepin County

Ben Verbick, LOGIS

Pete Wiringa, University of Minnesota

Randy Knippel, Dakota County

Dan Tinklenberg, SRF

Andra Mathews, MnDOT

Nancy Read, Metro Mosquito Control District

Mark Kotz, Metropolitan Council

Dan Ross, MnGeo

Marcia Broman, Metro Emergency Services Board

Catherine Hansen, DNR

Tami Maddio, City of Eagan

Tony Monsour, Scott County

Matt Baker, Metropolitan Airports Commission

Hal Busch, City of Bloomington

Jessi Wyatt, Great Plains Institute

Matt Koukol, Ramsey County

Carrie Magnuson, Ramsey-Washington Metro Watershed District

Chad Riley, Carver County

Jeff Matson, Center for Urban and Regional Affairs, University of Minnesota

John Slusarczyk, Anoka County

Duane Anderson, City of Woodbury

Guests:

Gerald Sjerven, Minnesota Power

Colin Lee, State of Minnesota

Sean Vaughn, State of Minnesota

Gina Bonsignore, State of Minnesota

June Mathiowetz, Washington County

Jason Husveth, Critical Connections Ecological Services

Todd Olson (he/him/his), Washington County

Sean Murphy, Metropolitan Council

Tanya Mayer, Metropolitan Council

Jon Hoekenga, Metropolitan Council

Geoff Maas, Ramsey County

Staff:

Matt McGuire, Metropolitan Council

Meeting Minutes (Draft)

1) Call to Order

Chair Dahl called the meeting to order at 1:02 p.m.;

2) Approve Today's Meeting Agenda

Motion to approved and seconded. Due to the nature of the online forum, it was difficult to track who motioned, but Geoff Maas seconded in the chat. Others seconded verbally. At future meetings we will request that motions to approve and seconding to occur in the chat.

3) Approve Minutes from last meeting on February 28, 2019

Motion to approved and seconded. Due to the nature of the online forum, it was difficult to track who motioned and seconded verbally. At future meetings we will request that motions to approve and seconding to occur in the chat.

4) Guest Presentation from Sean Vaughn, and Gerry Sjerven

Gerry Sjevern and Sean Vaughn presented the work of the 3DGeomatics committee of the GAC. They gave an overview of Lidar generally, and the technical details of the quality level they are expecting for Minnesota.

They gave an overview of the 3DGeo Lidar Plan.

<https://bit.ly/MnLidarPlanStoryMap>

There is a Central Mississippi Lidar Acquisition Block which covers the 7-County and 10-County Metro Areas (and more)

Deliverables will include:

- A Lidar Point Cloud
- DEM
- Hydro Breaklines
- Metadata
- Lidar Swath Polygon

Additional Deliverables could include:

- Higher Density Point Cloud
- Improved Hydrographic products
- Bare Earth Point Cloud
- Additional Point Classification (e.g. high veg and building)

Foundational Derived Products include:

- 1-ft Contour Dataset
- Hillshaded DEM
- Canopy Height model

3D Geomatics Committee estimates:

- \$330 per square mile for Quality Level 1
- \$440.00 per square mile for Quality Level 0

A certain amount of that is expected to come from federal sources.

Dan Ross said that he is trying to get state partnership money, but we don't know how much yet.

The presenters are looking for County-level partners.

Jesse Reinhardt asked: *Do all partners within the LA blocks have to agree on the same level of quality. or are there options for some partners to go with L1 and others with L0?*

The answer is that they are striving for QL1 and buy-up from partners.

Pete Wiringa asked: *Following from Jesse's question, has there been any sub-county interest in QL-0, e.g. a municipality, UMN, etc.? Are partners smaller than counties supported?*

Sean Vaughn answered: *Around the state, they haven't seen these types of partners. At this point, they are looking for County level partners. They expect Counties to coordinate "smaller" partners.*

Randy Knippel asked: *Is there any indication of the Metro Council contribution?*

Matt answered that there is currently not, but he will raise the issue internally.

Randy also noted that there would be a follow up meeting to discuss how to fund this.

5) Metro Conservation Network

Bart Richardson was unavailable, so the presentation was delivered by:

- Gina Bonsignore, State of Minnesota (gina.bonsignore@state.mn.us)
- Jason Husveth, Critical Connections Ecological Services
- June Mathiwicz, Washington County

They presented about an emerging Metro Conservation Network - Still an informal group. Still welcoming participants.

The Network covers the Greater Twin Cities (7-County and Surrounding).

They met in December 2020 and created a scoping document with six priority topic areas. Each goal is discussed in context of climate resilience and diversity equity and inclusion:

1. Social Dimensions
2. Data and Technology

3. Communications and Engagement
4. Land and Water Protection and Planning
5. Restoration and Management
6. Organization Implementation

Andra Mathews asked: *Are the MLCCS updates intended to be completed statewide?*

Answer from Jason Husveth: *Data that has been collected would be updated. But the whole state is not covered.*

Nancy Read asked: 2:03 PM

Is there a web site where some of these reports are available?

Gina Answered:

<https://www.dnr.state.mn.us/nrplanning/bigpicture/metro-conservation-network.html>

However, the site is not updated with December meeting.

6) Imagery Update

Matt McGuire from the Metropolitan Council presented on activities of the GAC's [Image Service Sustainability Committee](#). The Committee advises MnGeo on the layers and composite services.

The committee met recently and used their [Sustainability Plan](#) to recommend status changes of layers in the imagery. This includes a list of layers to move to inactive (unavailable for end users, but data is still stored for one more year) and a list of layers to move from active to "retirement candidate" (available for end users, but on notice)

For new layers to add:

MnGeo is soliciting Counties to contribute data that they may have collected this year.

Two layers have been added:

- 2019 FSA Color and Infrared (1 meter)
- 2020 Metro Color and Infrared (1 foot)

Composite image service changes:

- Swap FSA 2017 and 2019
- Drop Hennepin 3 inch
- Add Metro 2020
- Drop 2009 Northern Border imagery sets

The committee is also considering technical recommendations that may include ways to make the service work better in AGOL.

Pete Wringing asked: *What constitutes low usage?*

Answer: *Anything with less than 0.1% of total usage is considered low usage. However we only consider about 10 layers per year. So far, no layers with more than 0.01% of total usage have had their active status reconsidered.*

Ben Verbick asked: *Is there a process in place to notify the user community when imagery is going to be retired or inactivated?*

Answer: The Committee notifies MnGeo and the GAC. Those groups would notify the community. Dan Ross indicated that MnGeo would likely use their GovDelivery messaging platform to inform the community.

7) Update from the SECB NextGen 911 GIS Workgroup

Geoff Maas from Ramsey County reported on The Statewide Emergency Communications Board (SECB) NextGen9-1-1 GIS Work Group. The group has been convening since April 2020 to gather information, discuss and explore relevant issues and in order to provide recommendations to the SECB NextGen9-1-1 Committee on improving ways GIS data to be provisioned to the state for use in NextGen9-1-1. Maas has been chairing this Work Group through 2020 and its formal report is near complete.

- Purpose – Offer a set of recommendations to the SECB NG911 committee for GIS data for NG911 and offer recommendations for standards to MN GAC Standards Committee
- Have a draft report and set of recommendations
 - In current review within the workgroup members now
- Explore need for an emergency service boundary standard. (use GAC standards process)

8) Centerline and Address Point Schema Changes

Jon reported on some new fields added to the GAC standard for both address points and street centerlines. He presented a proposal for incorporating the changes while minimally impacting the data producers' workflow.

The action item related to this item was delegated to the 8-County data producers workgroup meeting on Wednesday Jan 13th.

9) Lightning Round Update

Ben Verbick (LOGIS)

Ben is retiring on March 1st. He expects LOGIS to fill their MetroGIS seat with his replacement. Congrats, Ben! Enjoy!

Matt McGuire (Metropolitan Council)

Matt is planning on setting up a Microsoft Team for MetroGIS

Mark Kotz (Metropolitan Council):

Mark has moved to a different position in the Met Council and will be stepping away from many GIS activities

MetroGIS coordinator position was held up in the hiring freeze but they are trying to move the position forward as best they can

Randy Knippel (Dakota County):

Randy reminds us that the 7 metro counties and Olmstead County every month

There will be a discussion today about if and how the metro counties might come together around lidar

Dan Ross (GIO): MnGeo focus most recently has been around Covid-19 support and they continue their work with Next Generation 911

11) Next Coordinating Committee Meeting is not yet scheduled. The group agreed that summer would be a good time for the next meeting. McGuire will schedule it after the Teams Team is set up.

12) Adjourn

Motion to adjourn: Kotz; second Brandt; Chair Dahl adjourned the meeting at 3:00 pm