

Geographic Information Coordinating Council
MANAGEMENT AND OPERATIONS COMMITTEE

December 16, 2019

1:00 to 3:00 PM

Center for Geographic Information and Analysis
301 North Wilmington Street, 7th Floor
Room 770A

MINUTES

1. Welcome

Alex called the meeting to order and welcomed John Farley, Hope Morgan, Dianne Enright, Dan Madding, Debbie Brannan, Bob Coats, Scott Lokken, Tim Johnson, and David Giordano. On the phone was Paul Badr.

2. Approval of Minutes of the October 14 Meeting – Alex Rankin

The minutes were approved without discussion.

3. NC Parcels Update – Tim Johnson

Tim indicated he is impressed with the NC Parcels team. The Fall update is wrapping up. The team is urging counties to update their data quarterly. About 1/3 of the counties are updating that frequently. The parcels team identified four attribute fields that are required but not consistently populated. They are SITE ADDRESS, PARCEL USE DESCRIPTION, PRESENT USE VALUE, and LAST SALE DATE. The project group will continue to stress to the counties to update their parcel data consistently. Ninety-four of the 100 counties have gone through the Fall update.

4. Census Update – Bob Coats

The new construction update is complete. This is undertaken to capture any new address since the LUCA update. NC did well in terms of local government participation. Boundary Annexation Program materials will go out by the end of January 2020. Workshops will be conducted in the Charlotte and Raleigh areas in mid-January. The Census Bureau will need the boundaries by March 2020 in order to be reflected in the 2020 Census.

In order to protect the privacy of Census information, The Census Bureau has decided implement something called Differential Privacy. It will guarantee an individual's privacy forever. It involves the addition of a Privacy Loss Coefficient included all data tables produced from all surveys from this point forward. Much of the data produced will only be available down to the county level. Those that use the data to administer local programs and distribute funds will not have that data available to them. The "noise" added to the data brings its accuracy into question. Differential Privacy will be part of the 2020 Census release, as well as the 2025 American Community Survey. It is currently being applied to the 2017 Economic Census. This policy decision will impact all the Census Bureau's data products. Bob is asking that any NC agencies or programs that have specific data needs that are required by some piece of legislation to indicate so, so that it can be passed back to the Census Bureau as to why the original, unedited data is needed.

John Farley is going to take the Differential Privacy information back to NC DOT and the SGUC. Alex would like an email sent to all GICC members alerting them to this Census Bureau decision so their voices can be heard. Tim will work with Bob Coats to identify and then distribute the materials about the issue to the full Council membership.

5. Statewide Orthoimagery – Tim Johnson

The data deliveries have taken place in the last couple of weeks. The data is available from NC OneMap and will also be given to those planning the Republican National Convention in Charlotte later this year.

The Coastal 2020 project is up and running. There are five contractors for the project. The kick-off meeting was last Thursday. Some cities have expressed an interest in piggybacking on the contracts in place. The color-infrared band will be collected for the entire project area. When talking to the cities and counties involved in the project, the project team is collecting any uses as to how local governments will use the 4th band.

Related to the orthoimagery project, Hope took a moment to discuss LiDAR. USGS is currently flying LiDAR for Phases 1 and 2 at 8 points/m² so it will match what was collected in western NC. This is data the orthoimagery project could possibly take advantage of. There are some differences in the data sets, however, with respect to classification types and types of vegetation captured.

6. Status Reports

a. Local Government Committee – Debbie Brannan

The LGC last met on November 20th. All open slots on the committee have been filled. The FY2019-2020 workplan was approved. Accomplishments have been documented for the GICC annual report. Debbie thanked Anna Verrill for her hard work on this and for filling the open slots on the committee.

Workshops will be scheduled sometime during the year for discussions on the Working Group for Enhanced Emergency Response, sharing of uses of the color-infrared orthoimagery, security for infrastructure data, and the NextGen 911 project.

b. State Government Users Group Committee – John Farley

The executive committee meeting was last week. Esri gave a presentation on enterprise agreement with NC. The committee will be working on a GIS training plan for Agencies. Dianne Enright will coordinate that. There is a statement of work available for the limited services contract.

The workplan is being finalized and will include a task for building a case for state agencies to use infrastructure data. John will work with Tim to document accomplishments from the previous fiscal year for the GICC annual report.

c. Federal Interagency Committee – Scott Lokken

There are two new members that have been added to executive committee. All seats are now occupied. Scott said he is now looking for two executive members to become Vice-Chair and Secretary. The committee workplan is in progress and accomplishments for the GICC report are in the final stages.

USGS and NOAA worked with Gary Thompson about the 3DEP needs for North Carolina. The summary has been submitted and will be available for distribution soon. USGS and NOAA also participated in hurricane response and post-hurricane evaluation with the Department of Public Safety. The two agencies are also teaming to collect LiDAR in 40 coastal counties. Hope added that Silvia Terziotti has a map that depicts the areas of data collection.

Doug Newcomb is processing phases 4 and 5 of the NC LiDAR data for canopy structure metrics. He is also co-chairing the Department of Interior's open source geospatial subcommittee. The committee will be working on a white paper.

d. Statewide Mapping Advisory Committee – Paul Badr

Paul mentioned that the year 2022 will bring new horizontal and vertical datums for North Carolina. The changes will impact county land records in the state and anyone else using or creating geospatial data. Gary Thompson and the 2022 Reference Frame Working Group are working to get the word out. Gary is also creating a summary on the pro’s and con’s of moving from US survey foot to the international foot and will make an informational-only briefing to the GICC at their February 2020 meeting. The issue will then go before the SMAC at their April 2020 meeting for deliberation and formulating of a recommendation for the GICC. After that SMAC meeting Gary and Paul will present the recommendation to the GICC for adoption at their May 2020 meeting.

The NextGen 911 project is progressing nicely. The project team has established contact with approximately 50% of the 127 PSAPs in the state. Multiple site-visits have been made and by the end of this month about 35 local government agencies will have received some form of communication from the team.

e. Technical Advisory Committee – Dan Madding

Dan is stepping down from the role of TAC chair but will remain in that position until a successor can be found. The workplan is being finalized. An item to work on is an update to the open source [document](#) to include the addition of ArcGIS Pro and other changes since its publication in December 2017. An additional technical item is to produce a short paper (or brochure) about the differences between various web services – tile services, map services, cached services, image services, WMS services, etc.

Alex would like to see the TAC focus on public access to infrastructure data. Looking at best practices and how the State could move forward in a proactive way, including costs and how the data could be accessed. Alex noted that there are most likely lots of places in state government and private companies where the lack of this information can lead to bad or incomplete decisions.

7. February 12, 2020 GICC Agenda

Topics for discussion at the next meeting: Census Bureau’s Differential Privacy, pro/con presentation on US survey foot vs. international foot by Gary Thompson, UAVs - evolved use and regulations since the GICC last discussed, and where the technology is going, and NSGIC Geospatial Maturity Assessment (a report card for each of the states for framework datasets and overall coordination efforts).

8. Other Items

a. LiDAR Data

Hope reported that Esri has offered to host dynamic web services for using the NC LiDAR data. She recently had a phone call with the Esri LiDAR/elevation data specialists that wanted to know what NCs wish list is for LiDAR data. Nothing is off the table. Hope said Esri has a tool created to provide these services and want to plug in the NC data. Esri has already sent Hope a server to copy the data to. Esri also offered to do something with the NC imagery.

b. Future M&O Meetings

March 16, June 22, October 5, December 14. All meetings start at 1pm.

9. Adjourn