



North Carolina
Geographic Information Coordinating Council
Local Government Committee

NCGICC

MINUTES

LOCAL GOVERNMENT COMMITTEE

August 26, 2020, 2:00PM

PROCEEDINGS

The quarterly meeting of the Local Government Committee (LGC), a committee of the Geographic Information Coordinating Council (GICC), was held on August 26, 2020.

PRESENT

LGC members:

Pam Carver, Henderson County, CURISA representative

Todd Shanley, Cabarrus County, GICC Appointee

Aarti Sharma, Centralina COG, ACRED

Ben Strauss, Wake County, NCACC

Natalie Walton-Corbett, City of Greenville, NCLM

Alice Wilson, City of New Bern, NC-APA (LGC Chair)

Others:

Tobin Bradley, Mecklenburg County, Technical Advisory Committee

Marlena Isley, Alamance County, Hydrography Working Group

David Nash, City of Fayetteville, Working Group for Census Geospatial Data

Sallie Vaughn, Person County, Working Group for Enhance Emergency Response

Hope Morgan, GIS Specialist/Project Manager, AECOM

Amanda Patton, GIS Technician, Maser Consulting

Tim Johnson, CGIA, Director

David Giordano, CGIA, Staff to the GICC

Colleen Kiley, CGIA, GIS Coordination Program Manager

Matthew McLamb, CGIA, Assistance Director

Ben Shelton, CGIA, Project Manager

Brett Spivey, CGIA, Staff to the Technical Advisory Committee

Anna Verrill, CGIA, Staff to the LGC

Absent members:

Crystal Burnett, Brunswick County, NCPMA

Josh Norwood, Pender County, NCLGISA

WELCOME

Alice Wilson called the meeting to order and welcomed members and representatives.

MINUTES

Motions and voting for approval May 20, 2020 Meeting Minutes occurred.

MEMBER ANNOUNCEMENTS

Alice Wilson is the new Chair of the Local Government Committee (LGC).

Crystal Burnett is now the Vice Chair and is also the new NCPMA representative. She has replaced Robin Etheridge of Dare County.

Josh Norwood is replacing George Brown as the NCLGISA representative.

Ben Strauss is renewing his term representing the NCACC.

Debbie Brannan, the previous GICC Appointee, did not renew her term. Alex Rankin the Chair of the GICC has appointed Todd Shanley, the CIO of Cabarrus County, to represent this role.

Alice then requested those in attendance to review the list of GICC Committees and Working Groups on the reverse side of the agenda for accuracy. Alice requested if anyone no longer wants to serve or does not have time to commit to the group(s), to let herself or Anna Verrill know.

WORKING GROUP FOR ENHANCED EMERGENCY RESPONSE: STATUS UPDATE

Alice turned the meeting over to Hope Morgan and Colleen Kiley for the status update on the Working Group for Enhanced Emergency Response (WGEER). The WGEER was started a little over a year ago in March of 2019. This was put together by the Management and Operations Committee due to the amount of hurricanes North Carolina experiences and the immense amount of work being done by different groups. The working group would potentially try to organize and coordinate these efforts. This coordinated effort became the Working Group for Enhanced Emergency Response. The goals would be to coordinate the data being produced along with those producing the data as well as ensuring data that was already being provided was not being duplicated. The data produced are not intended to be public information. This information is for planning and response purposes for hurricanes and other emergency events. If something were to occur, anyone responding to these events would have access to the most current data. Finally, any old data for previous events would be removed.

There is a second purpose for WGEER that will not be shared in great detail today, but that is if there is a need for assistance you have access to information and resources that may be available to you. This is something that has not been forgotten and is being worked on. This capability does currently exist within NC Division of Emergency Management and can be used if people need assistance. The request does have to go through the county, and this goes into WebEOC for the State. The State can then assign out people who are available to assist. The WGEER is working through the process of changing this a little bit so that other county staff and other State staff could have the opportunity to respond and help.

The WGEER Hub is up and running. This was built as a Hub on ArcGIS Online by Brett Spivey who also coordinated with Esri. Users do need an ArcGIS Online account. Either you can use your existing account, or you can put in a request through CGIA for a new account. It supports two types of users: View Only or Provider. If you produce event driven data and you would like to provide that to other people either because people keep requesting it or you think it would be helpful to other around you or to the State, you can provide access to the data through this [WGEER Hub](#).

Once you log onto the site, you can search for data that is accessible through the hub. When accessing data on the site keep in mind this is not general data, this is data built specifically for events. The local government community is the second phase of release of the WGEER hub. Phase 1 included providing access to all the WGEER members. Phase 2 is for other government responders including the local government community. Phase 3 is looking to be rolled out next year and this will be providing access to other responders outside of government. The WGEER still needs to work through who these other responders would be and what access they would have to the data found inside the hub.

The workflow to get access would be to send you ArcGIS Online account information to CGIA. CGIA would invite your account to the group and you will get a notification. For those who do not currently have an ArcGIS Online account, you would request this from CGIA. CGIA would coordinate getting you an account in the State's organizational account. CGIA would then invite you to the WGEER Hub and you would get a notification of this invite.

A Teams Site has been created to communicate on this effort as well as store and distribute documentation for this effort. WGEER meeting notes can currently be found there. The WGEER is also created processes for how to access the hub, how to upload data, and how to provide any other information. To gain access to the Teams Site, send a request to anyone at CGIA either Colleen Kiley, Anna Verrill, David Giordano, or Brett Spivey. CGIA will give you access to the Teams Site and this is where you find a spreadsheet to fill out for gaining access to the WGEER Hub site.

The goal is to be able to have anyone needing to access the site find and grab data or share data within five minutes. WGEER is also looking for feedback on what other data would be useful to have linked to on the site. There is a base web map with some of the base data already thought to be useful for events. Where you can grab a map and save this in your own ArcGIS Online content and add your own layers.

For those who may eventually share content or search for content, it really is key to have good tags on the items. The ArcGIS Online search tools also look through the title and the description.

It was asked if there is a limit to the number of users the State can setup for those who do not currently have an ArcGIS Online account. It is believed the State currently has unlimited accounts, although this could change in the future, they believe Esri tends to be lenient with licenses when it comes to emergency events.

The WGEER is needing content definitions. In the starter maps, on the home page of the WGEER Hub, where initial data is provided, they really need to know what the local government community needs. Think of the top 4 or 5 things you need in a map and let the WGEER know.

OTHER GICC TOPICS

Alice introduced the GICC topics relating to this committee from the August 12th GICC meeting.

Update on 2020 Census

Mike Cline reported to the group about the self-response rate for the 2020 Census as of August 5th North Carolina was only at 59.2% and the United States as a whole was at 63.1%. He did indicate that Union and Harnett counties were leading the way with participation and Haywood county is the county with the least participation so far. As of August 5th, 40.8% have not responded. That equates to 1.6 million houses and approximately 4 million uncounted North Carolina residents. North Carolina is at risk of losing 7.4 million dollars in annual funding.

Mike Cline did make note of a presidential memorandum to exclude illegal aliens from the apportionment base that was signed in July. At the end of July, there was an injunction case filed at the US District Court by 21 states including the State of North Carolina, There was supposed to be a hearing on this case on August 13th. Alice checked in with Bob Coats on the progress of the injunction and this was still ongoing with nothing having been settled.

Because of the pandemic, there has been an adjustment to the timeline. The self-response will end at the end of September. The mobile questionnaire assistance is under review. All responses need to be in by September 30th. Census.gov has a newsroom site to keep updated on any new changes. For group quarters there is also an adjusted timeline, this ends September 3rd. In terms of delivery of the data, the Census apportionment should be on track for December 30th. The redistricting data will be available for April 1, 2021. These timelines could change due to the pandemic. There is still the risk for under counting due to differential privacy being applied to the data. The State of North Carolina is so far behind with the count; we really need to push and get people to participate in the Census.

NEXT GENERATION 911 UPDATE

Matthew McLamb shared an update on the Next Generation 911 project. Matt shared the [GIS Data Hub Status Dashboard](#). All the 115 public safety answering points (PSAPs) all have been onboarded into the GIS Data Hub. This means they have received a login and have received training on the GIS requirements for the project. There are 41 PSAPs that are now considered i3-Ready. On the dashboard there are two designations showing i3-readiness. The "Data i3 Ready – EGDMS" means the data has met all the i3 checks in GeoComm's GIS Data Hub and is also met all the checks by AT&T and Intrado and the data now resides in the AT&T EDGMS database. The "Data i3 Ready – GDH" designation means the data has met all the i3 checks in GeoComm's GIS Data Hub but has not yet been pushed into AT&T's EDGMS database. Once the data is in the AT&T EDGMS system the PSAP is ready to go live on the ESInet. This dashboard is updated on a weekly basis. This allows everyone to see where everyone stands in terms of Next Generation 911 GIS.

The team has also continued to work with the neighboring states to discuss borders and share data. The Virginia – North Carolina border is very close to being completely agreed upon, there are just a few more counties needing to be finalized. With Tennessee we continue to share data back and forth on an as needed basis to either adjust our side to match them or have them adjust their boundary to match ours. We recently met with Georgia. They are a little bit earlier in the process for Next Generation 911 than North Carolina or the other bordering states, but we do share some of very similar processes and workflows. For South Carolina, we have agreed to use the NC Geodetic Survey boundary with them. There are some instances that have cropped up that will need slight adjustments, but that is being handle on a case-by-case basis.

We encourage everyone who is responsible for the GIS data in this project to continue working towards being i3-ready. If you have questions, please feel free to reach out to either Matt McLamb, Anna Verrill, or GeoComm. We can setup a screen share session and work directly with you to make sure you understand the process. If you have your error report, we can provide tips and tricks on next steps. We are here to help in any way we can. The response has been great. We appreciate everyone's hard work on this thus far. We would not be as far along without everyone's input and continued work and success.

More information will be coming out soon on this as we get this finalized, but we are potentially targeting an end of January 2021 data for all agencies to have their data be i3-ready. Right now, if you are going live your data is due about 70-75 days before you go live. We are looking to hopefully get everyone completed regarding data preparation by the end of January. This discussion is ongoing, once something is finalized, we will send out more information on this. For now, continue to make progress as you can.

We are continuing to track the data for use in statewide datasets both with NCDOT for the roads data, AddressNC which Anna is overseeing, and we have also had discussion with the Department of Insurance to discuss the fire boundaries.

We appreciate everyone who has made progress thus far and we encourage everyone who has not started the process to do so.

Alice asked if there have been any issues with coordinating the effort given travel has been put on hold due to the pandemic. Traveling for the project was put on hold for a while. The 911 Board actually paused migrating any of the PSAPs to the ESInet for a couple of months, but those have since resumed. For the GIS coordination, we never really paused we switched our meetings to the virtual environment with screen shares and conference calls. Most of the data stewards across the state have been able to continue work and making progress on this project.

LGC OUTREACH UPDATE

Alice shared a LGC outreach update. There is a group that has been working on outreach to reach out to local governments and other agencies to project information on what we have been working on. We are participating in the North Carolina Arc Users Group (NCAUG) fall conference happening next week. We are on the agenda on Thursday, September 3rd from 4:00-5:15 pm. We are also looking to participate at

the NCLGISA Fall symposium in late October. We decided rather than planning and hosting our own virtual session that we participate in groups that already have things being planned this fall.

We are also working on getting a Teams Site for anyone on this call or who works in the local government community to share information, communicate, and collaborate on things that are happening in the local government GIS community. If anyone is interested in joining the Teams Site, please let Anna Verrill or Colleen Kiley know and they will be sure to extend you an invite to the site. The LGC Members will automatically be invited, but we also want to make sure anyone in the local government GIS community is aware they are welcome to join.

LGC 2020-2021 WORK PLAN

Alice asked the LGC Members to please review the draft LGC work plan shared by Anna. We are hoping to have this finalized by the end of September. If there is anything you see your name on, please let us know if you have any concerns with this. If you know of any other projects that should be listed, please mention those as well. If any of the working groups are not actually active, please bring this to our attention.

The work plan is formatted very much the same as it has been in the past, so this should look familiar. It is something we establish every year to accomplish this collaboration throughout the local government community. Review and finalization will be facilitated through email by Anna over the month of September.

If there are any questions about the tasks, now is the time to get clarification on those things. We want the tasks to actually reflect and be relevant to things that are actually going on this year. Please provide feedback to Anna, Colleen, or Alice. This also helps highlight accomplishments for the annual report. If there is something important going on, it is good to have it captured in the work plan so it can be reported on later.

BRIEF UPDATES FROM COMMITTEES AND WORKING GROUPS

Alice moved into the next topic, the updates from committees and working groups.

Working Group for Enhanced Emergency Response

Alice and Sally are the local government representatives on the WGEER. With the update that was given at the beginning of the meeting there was no other business to discuss. Alice has tested the WGEER Hub and thinks it is a great tool for accessing and sharing data during an event. It will be really good to have this resource available during or after an event to handle the amount of emergency data requests that occur during and after an event.

Working Group for Seamless Parcels

For 2019 all 100 counties did provide updates. We have begun encouraging quarterly updates in 2020. For the first quarter of this year, 66 counties were updated. For the second quarter, 87 counties were updated. For the third quarter so far, 50 counties have been updated. We have begun contacting individual counties to remind them to provide an update for the third quarter.

We have also started a different effort to see if we can deem different fields within the data as required, recommended, or optional. Of course, this is something that will have to be brought to different groups before we implement anything. We are in the beginning phases of this discussion. Pam did have a meeting with a representative from Henderson County's vendor for their CAMA system and they have agreed to participate. They have weekly user group meetings with that vendor, and this is going to be on the agenda very soon. The hope is to have this table in their system that can be easily joined with the county's parcels and uploaded into the parcels transformer. There are twenty counties who use this one vendor, so this will be a really good sample to get other counties involved.

Pam was asked who her CAMA vendor is. Henderson County's CAMA vendor is Farragut and the system is called NCPTS. Regarding the field work there are others the working group will be reaching out to. This includes the Association of County Commissioners, the Association of Assessing Officers, as well as the Department of Revenue. NCPTS is owned by the NC Association of County Commissioners and we are hopeful this connection can help take this effort in the right direction quicker.

Working Group for Orthoimagery and Elevation

Natalie gave a few updates from the last Working Group for Orthoimagery and Elevation meeting. The USDA is currently capturing the statewide NAIP imagery which they will be distributing through their data gateway website. This will be in SID format for each county mosaic. The data includes the fourth band product for the color infrared imagery products. They are still anticipating a November delivery timeframe. There are third-party vendors who create and publish a 2-meter resolution product as web services that counties can individually purchase as a buy up.

The third phase of the county review for the twenty-seven coastal counties will end on August 28th. The deliverables will be distributed in November. The dates for this will be announced soon. The 911 Board has approved the next project for the Eastern Piedmont region. Efforts for this project are starting to ramp and acquisition will be starting this coming January. For the local government buy-up program this will begin in November once the vendors are selected. The local governments can work directly with the vendors on this. The deadline for the buy-up has not been established yet, so stay tuned for that announcement.

For the NOAA and USGS coastal imagery projects, the USGS did a 2020 QL1 Lidar collection along the coast by NOAA/USGS which extends west to Johnston, Sampson, Nash, Franklin, Warren, and Robeson counties and is looking at a May 2021 delivery. NOAA also collected topobathy Lidar in water along the coast which is looking to be completed in the first quarter of 2021.

The NC contours have been created by NC DPS. They are currently going through the QC process. These are expected to be completed in the last quarter of 2020. Regarding the 2022 Reference Frame this has been officially delayed to either 2024 or 2025. This is due to a multitude of reasons COVID being a significant one. Those changes will be a bit slower coming out than expected.

On behalf of the working group, Natalie thanked the 911 Board for the early release of the coastal imagery for response to Hurricane Isaias.

Alice added that it was nice to have access to that imagery. She also added that related to the reference frame discussion, the US Survey Foot is still being retired and this will now be a separate effort from the reference frame.

Hydrography Working Group

Marlena gave an update for the Hydrography Working Group. NCDEQ is getting ready for a review of the twenty- and ten-foot surface flow models for the resolution geometry in the Eno River area. After reviewing that and identifying any issues with that they will be able to process with more of the HUC ten and expand the review of the geometry. After that process is complete, they will do an internal review. Another hydrography working group meeting will be setup to determine next steps.

Colleen added that we should have Cam McNutt, the chair for the Hydrography Working Group, speak at the next LGC meeting to present on their progress. This is one of those groups where we really need input from the local governments on what your needs are for the attributes and accuracy for the streamlines in general. DEQ is working on a product right now but be thinking about what you need because we need to make sure that local input is fed into the final product.

Alice agreed and mentioned that New Bern is looking at how they can build a better, smarter stormwater management system. Having a high-quality stream network system is really important for local governments.

Census 2020

David Nash gave an update on the 2020 Census. The North Carolina response rate is lagging. The Census Bureau's new deadline is September 30th. Locally you may be seeing the highest elected officials to verify maps through the boundary validation project. We are now in the final phase of that process. They are supposed to verify whether the boundaries are correct or not. If they are not, you are supposed to make the correction through the Boundary and Annexation Survey (BAS) procedures.

There has been a really interesting map made available by the Census Bureau that showed the number of addresses by census block and number of group quarters by census block. The map had very recent aerial photography maybe from a satellite service. This is a good resource if you want to see where the Census is saying addresses are right now on the ground. There has also been another map posted by the Census Bureau on its Participant Statistical Areas Program (PSAP) site. This is the site where people were allowed to suggest changes in census tracts over the past year. Fayetteville learned that they have many new tracts being designated in Cumberland County for the 2020 Census.

Locally the complete count committees have been affected by COVID where they cannot have live meetings. They have had some Zoom meetings, but the attention right now seems to be putting out some yard signs like at recreation centers. The signs encourage people to fill out the forms or go online and participate. At the Fayetteville city council meeting the other night council members encouraged citizens to please participate and fill out the forms.

There has been some information sent out on the listservs regarding if the census data is delayed how this could play out and affect the redistricting that needs to occur in the year 2021.

Statewide Mapping Advisory Committee

Alice reported on things covered in the last Statewide Mapping Advisory committee that has not yet been mentioned in this meeting. DOT has cut back on some stuff and is only working on priority projects, but the ISRN product is still moving forward. Anna reported that the AddressNC team will be creating a new dataset for addresses with data coming out of the Next Generation 911 project. David Giordano reported that the migration of the NC OneMap services to the Amazon web services has been progressing well. One big hurdle that was overcome was converting the imagery from 2010 and later to a format that could be used in the cloud. Steve Averett brought up the topic of metadata documentation being out of date which has motivated that group to begin meeting again.

Technical Advisory Committee

Sallie Vaughn reported on the last meeting of the Technical Advisory Committee's Infrastructure Working Group. They are in the beginning stages of things, but the goal is to open the lines of communication at all levels of government with water, sewer, electric, gas, communications, and stormwater utility holders (whether these be private utilities or public utility holders) to try and figure out how we can better share information and what sort of information is needed and required. A lot of this comes from a development standpoint and a DOT standpoint where this sort of information is really needed to develop projects and to move them forward and for cost estimation. This data has always been really hard to get and depending on what organization you are working with, whether it be a government or a private entity, what people are willing to share changes. The quality of their data is highly varied.

Right now, they are developing basic lists of data that would be necessary in those six utility categories mentioned previously. The group will eventually drill down into the details of that. They are also working on developing some case studies where this sort of information has been used or would be needed for a particular use case either at the local level or at the developer level.

Colleen mentioned at some point in the future they may be coming back to the LGC for additional case studies. The local governments have a lot of internal knowledge about their local utilities. They are putting together case studies for state agencies and private developers that they are talking to, but they also want to talk to local governments about anything they may have missed from the local government perspective or any requests coming in where people are needing infrastructure data.

Alice asked if the group has considered reaching out to the American Public Works Association. There is certainly a breadth of people involved in the working group. Representatives from counties, cities, and utility companies. This is still growing as it ramps up so engaging with them may be a good idea.

OTHER ISSUES AND CONCERNS

Alice asked for any other issues or concerns to bring to the group. Anna asked to request something of the group. As mentioned previously, the AddressNC data is being reenergized with an update coming from the data coming out of the Next Generation 911 project. There is a steering committee that has begun meeting to help guide the approach to update the data. The steering committee would like to survey the local government community to answer some questions we have regarding the data

maintenance and other things around the address data to get a better understanding of how this data is being maintained by the local entities. A draft of the survey is being finalized and we are looking for local government volunteers to review the survey to determine whether or not the questions are clear, easily answerable, and take the survey to time how long it takes to gather all the information needed to answer the questions.

Todd Shanley introduced himself as the new member. He is the CIO in Cabarrus County. He is excited to be a part of the group and hear all the exciting things we are working on. He will review the work plan and find where he can be of benefit to the group. He mentioned it is a great opportunity to give back to the State and he appreciates being part of the group.

PROFESSIONAL DEVELOPMENT OPPORTUNITIES

NCAUG Fall Conference is the first week of September.

NCLGISA Fall Symposium runs from October 20-23.

We will be creating a training channel on the LGC Teams site where anyone can post training opportunities.

ADJOURN

There being no other business, the meeting was adjourned at 3:26 pm.

LGC's web page on the GICC website: <http://it.nc.gov/gicc-local-government-committee-lgc>.