



North Carolina
GEOGRAPHIC INFORMATION COORDINATING COUNCIL

AGENDA

February 23, 2022 1:00 pm – 3:00 pm

*Via Cisco Webex Only
 (see meeting invitation for link)*

TIME	AGENDA ITEM	GICC MEMBER or GUEST
15 min.	1. Welcome and Chair Announcements	Hope Morgan, Chair
5 min.	2. Approval of Minutes of November 3, 2021 Meeting	Hope Morgan
25 min.	3. 2021 Geospatial Maturity Assessment	Karen Rogers, Wyoming Enterprise GIS and Data Visualization Coordinator
10 min.	4. 2020 Census: Local Challenges of Census Counts	Bob Coats, OSBM
35 min.	5. GeoEnabled Elections a. GIS Supports Statewide Elections in NC b. Granville County Election Data Workflow	Ballingham Chepuri, State Board of Elections Tonya Burnette, Granville Co. Elections Director Sandy Woody, Granville County Sean Pumphrey, State Board of Elections
15 min.	6. Infrastructure Working Group: Preliminary Findings	Colleen Kiley and Tim Johnson, CGIA
10 min.	7. Committee Activity Highlights	Committee Chairs
5 min.	8. GICC Member Announcements	All

Remaining 2022 GICC Quarterly Meeting Dates
 May18, August 17, and November 16

GICC Website: <https://it.nc.gov/gicc>

Committee Reports Available as Attachments

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| <ul style="list-style-type: none"> • Statewide Mapping Advisory • Technical Advisory • Local Government • Federal Interagency • State Government GIS Users • Management & Operations | <ul style="list-style-type: none"> Paul Badr Dean Grantham Natalie Walton-Corbett Scott Lokken Melanie Williams Hope Morgan |
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Local Government Committee (LGC)

The LGC Executive Committee met on January 19, 2022. The agenda was centered around 2022 planning. The committee began with a review of its membership and working group involvement to determine if any members were stretched and if new members were needed. The executives then had a discussion on how to reach new members and especially engage new professionals and students. Some ideas included breakout sessions at professional meetings and a young professional spotlight at each quarterly meeting.

The executives discussed priorities for the 2022 calendar year which included an emphasis on framework datasets and increased outreach. The executive committee brainstormed new methods to notify local government GIS professionals about meetings, how to match governments in need with resources, and what new groups to reach. The group discussed what regular updates should occur at each quarterly meeting and decided that framework dataset updates should include a value added project, or how a local government is using the framework layers, a young professional spotlight to allow those who are new to the profession show off their work, gain experience in presenting, and network with LGC members, and opportunities for training and outreach.

Finally, the group went through an exercise to evaluate the areas of success and areas of need for improvement. Workshops and engagement were successes, and areas of work included a need for members in public works and utilities, new methods of communication to possibly include social media, and a need to hear directly from members about what kind of presentations they want at meetings.

The last general meeting occurred on November 17th and centered around updates on priority framework datasets and committees. The next general meeting will be March 3rd and will include presentations on the CQR, stormwater infrastructure, and the municipal boundary update pilot.

State GIS Users Committee (SGUC)

The last General SGUC Meeting was held on November 4th 2021 and covered the following topics.

- ESRI discussed how to obtain ESRI software and provided an information sheet about the Enterprise Agreement and contact information.
 - [ESRI Enterprise Agreement Information Sheet 2021](#)
- 2021 training results were shared by CGIA. [Curtis Quigley](#) is our ESRI contact to assist with developing custom training plans for agencies. These include free and instructor led courses (great for onboarding new staff)

22 Classes Offered	16 Agencies	161 Trained Employees	~70 Took 2+ Classes	~90 Took a Single Class
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- The ESRI User Conference will be in early July in San Diego and state employees can request complementary passes. (Contact [Dianne Enright](#) and [Colleen Kiley](#))

GICC Committee Updates 2/23/2022

- Building Footprints Working Group (new SMAC sub-committee) will begin, and stakeholders are needed as members or chair of the working group
- The committee held a roundtable discussion about agency GIS activities. The Committee began working on a place to document future, ongoing, and completed projects that participating agencies wanted to share. These are currently being shared in a Teams channel with the idea of consolidating them in a location that can be shared internal to state government.

An Executive Committee SGUC Meeting was held January 3rd, 2022. The committee held a planning and strategy session in preparation for the 2022 calendar year that included a group discussion on the following topics.

- How can agencies utilize existing data in new ways to add value to business units?
- What are agency needs for framework datasets and applications including:
 - Building Footprints and Address Points
 - GIS services for geocoding
 - Higher Resolution Landcover/ Land Use Datasets
 - Additional and higher resolution LiDAR services and access to data
 - Schools
- How are agencies currently evaluate GIS return on investment?

A General SGUC Meeting was held January 27th, 2022 and included presentations on the following topics.

- NOAA High-Resolution Land Cover Mapping Pilot Project was presented to the committee.
- Wildlife Resource Commission and Dept. of Environmental Quality presented on the use of different resources to automate GIS tasks with low or no code processes. Demos were show on workflows for these items.
- Roundtable discussions continued on progress updates of projects.

An additional Executive SGUC Meeting occurred on February 10th, 2022 to discuss a survey capturing the current uses of LiDAR data and a needs assessment to determine where priority should be placed on possible future LiDAR products. [This survey](#) is still available to any agency that would like to share their current uses and future needs for lidar and elevation data. The group discussed the possibility of sending out a second survey in the future to other non-state agencies and interest groups that use these LiDAR products.

Other SGUC accomplishments:

- An AGOL Admin Teams channel was set up for easier communication about ArcGIS Online administration and best practices.
- Meeting recordings, presentation slides, and training recording will now be available on the open SGUC Team Site. Please contact [Colleen Kiley](#) or [Melanie Williams](#) to gain access.

Technical Advisory Committee (TAC)

The TAC is finalizing its initial investigation into infrastructure data in North Carolina. Since the last GICC meeting, a meeting with Electricities was held, and progress was made on the draft final report. The key findings of the report will be presented during the GICC meeting itself, and a draft will be provided to the M&O for review in preparation for distribution to the full GICC prior to the May GICC meeting.

Federal Interagency Committee (FIC)

A FIC Executive Committee meeting was held December 8th and the next Executive Committee meeting will be held on March 9th.

At the December 8th FIC Executive Committee meeting, the FIC discussed the following topics:

- Is there funding in the Infrastructure and Jobs Bill Act that FIC members can target that would directly affect NC?
- Federal data is being produced that is useful to North Carolina such as:
 - Topobathy lidar data is being collected for 20 coastal counties.
 - NLCD is being collect every 2 -4 years instead of the old the five-year cycle.
 - Webservices such as USGS Entwine allows visualization for lidar point counts.
- Presentations and resources to aid NC local entities in the switch to international feet.
- FIC is always looking for new members.

Statewide Mapping Advisory Committee (SMAC)

The SMAC last met on January 12, 2022 and can report progress on these important issues:

1. **Orthoimagery**

The 2021 Eastern Piedmont ortho project is essentially complete. Data are available from NC OneMap. Of note are the imagery over military bases in the area, which have not been redacted as it had been in previous flyovers. Vendors for the 2022 Northern Piedmont and Mountains project area have been chosen. Imagery acquisition will begin shortly.

2. **Cadastral**

Email have been sent to county GIS coordinators reminding them to upload their parcel updates to the NC Parcel Transformer. All 100 counties have uploaded their data in the past year.

3. **Addresses**

Address points in the AddressNC data set rely on points from the NG911 project. So far, 93 counties are completely mapped. The project team has assembled a group of volunteers to test the geocoding service that will be available from NC OneMap. The goal is to finalize the service within the next few weeks so testing can begin.

4. **Hydrography**

As work progresses there will be a review of the ATLAS hydrography geometry at the April 2022 SMAC meeting. This includes the stream network, shoreline, connectors, artificial paths, and 2D waterbodies. It is anticipated that ATLAS hydrography data development will be complete by July 2022.

5. **Municipal Boundaries**

A website has been constructed so cities and towns can approve their municipal boundary. The site includes a draft version of a statewide municipal boundary data layer. The working group is recruiting people to test the site before it is released to all municipalities.

6. **NextGen 911**

There are currently 9 PSAPs that are working on their GIS data so it can reach the i3-ready status. The rest of the state is complete. Reaching that status will show that the PSAP is ready for NG911 call routing. It is expected these PSAPs will be i3-ready in the coming weeks. As the project shifts to maintaining the data, a dashboard will be developed to show when PSAPs last uploaded their data updates to NG911.