Statewide Mapping Advisory Committee

The SMAC last met on July 12, 2023 and can report progress on the following items:

- **Orthoimagery**
  - The 2023 ortho project is in full-swing in the southern piedmont and mountain area (21 counties). Four-band imagery will be developed for this phase and will result in the entire state having the fourth band. County QC training occurred July 18. The expected delivery timeframe is mid-November – December 2023.
  - The 2024 project was recently approved by the 911 Board. This will start the 4th cycle of imagery for the state. Ortho acquisition will start in late January, the earliest of all the project areas.
  - Drafting of the NC LiDAR Business Plan is well underway. Case studies have been documented and the introduction and economic impact sections to the business plan has been written. Things are on track to produce the final plan for SMAC review in December 2023, with discussion at the January 2024 SMAC meeting. If approved, it will be forwarded to the GICC for their February 2024 meeting.
- **Parcels**
  - A total of 77 counties have uploaded their current data to the parcel transformer in Q2 and Q3 of 2023.
  - Committee discussion centers around those attributes that should be deemed Required, Recommended, or Optional. A meeting was held on June 29 where the committee discussed all 65 attribute fields in the parcel data. Another meeting will follow.
  - The group continues to provide outreach at a recent LRMP workshop where Chair Katie Doherty expressed the importance of county participation and keeping this data current.
- **Municipal Boundaries**
  - The parcel update tool is in production. Twenty-eight municipal boundaries have been approved and 27 annexations submitted. So far there have been a total of 41 updates to existing boundaries in they system. Outreach efforts continue through the Secretary of State's office.
- **Building Footprints**
  - CGIA has continued to supply the AI-generated footprints to NC Emergency Management for QC. All of Phase 1 has been completed (counties from Hertford, Greene, Duplin, and Columbus eastward). It is the hope that Phase 2 will be completed by the end of August. The goal is to perform yearly updates to coincide with new orthoimagery releases.

Technical Advisory Committee

The TAC held a meeting on July 24th, 2023. The group held a brief discussion about the current status of the Infrastructure Report and potential steps moving forward. The remainder of the time was spent discussing the work item "large datasets." The conversation covered many aspects of "big data." A statement of work was created to document the scope of work and how the TAC intended to address the subject.

State Government GIS Users Committee

Executive Committee Meeting: June 6, 2023

1. Authoritative badging – Create best-use practices for tagging ArcGIS Online items with the "authoritative" designation. There is interest to convene a working group.
2. Authorized callers – There is a need to pare down the list of those in state agencies that can initiate a support call to Esri.
3. Possible Map Day at the Legislative building
4. Discuss agenda for July 27 general meeting

General Meeting: July 27, 2023

1. Agency Spotlight presentation was performed by CGIA where Ben Shelton and Darrin Smith discussed Building Footprints and AddressNC, respectively. These are two of the bigger projects CGIA is working on right now.

2. Chris Vokaty from Esri presented on adoption strategies for new technology. Chris works with the Esri account team and customers to help leverage the people-side of their strategies and initiatives. In addition, Sam Perkins, also with Esri, talked about the road ahead for Esri products and licensing.

3. There were updates and opportunities discussed centered around:
   a. The Value of GIS Story Map underway
   b. NC OneMap data updates
   c. Authoritative badging, land cover, and education working groups
   d. Hydrography working group data and issue review, and
   e. GICC data discussion

Local Government Committee

The LGC general meeting occurred on May 31st.

Members heard updates on the following subjects:

- 2022 Datum and NGAC
- New tools from NC Emergency Management
- Census data schedule and data challenges

Gerald Faulkner was voted in as a member at large representing the American Public Works Association.

The committee has a meeting next week that will include an update on the NC Flood Blueprint, a spotlight presentation from Cabarrus County in automating NG911 data uploads, and a project update on green infrastructure solutions for flood mitigation in low lying areas.

Federal Interagency Committee

A FIC General meeting was held June 5, 2003

There were three presentations for this meeting.

- Jeremy Baynes (USEPA), the new FIC chair, presented EPA's EnviroAtlas which is an interactive mapping application focused on ecosystem services and the benefits of nature.
- Doug Newcomb (USFWS) discussed his work on hydro flattening and impounded water bodies using lidar point cloud data.
- Tashya/Matt and Matt Pendleotn (NOAA) discussed NOAA Training Resources Available on the Digital Coast.

The next FIC Executive meeting will be held September 20th.