

**FY 2022-2023 Work Plan  
Statewide Mapping Advisory Committee**

The purpose of the Statewide Mapping Advisory Committee (SMAC) is to work with data content standards, consolidate statewide mapping requirements, and seek financial support for cooperative programs. It advises the GICC on issues, problems, and opportunities relating to base and image mapping programs and information. The state (SGUC), local (LGC) and federal (FIC) committees appoint members to the SMAC.

**Goals**

- A. Geospatial datasets managed by state, local and regional organizations in North Carolina are consistent with state and federal data content standards, meet state mapping standards, are well documented, are current, are complete, and are of sufficient quality to add value to state, local, regional, and federal business processes.
- B. Cooperative and collaborative geospatial data and mapping programs have sufficient funding to meet expectations for data quality and accessibility.
- C. Geospatial datasets are widely shared among GIS users and accessible for viewing and download.

	<b>Objectives</b>	<b>Expected Benefits</b>
<b>1.</b>	Communicate information on SMAC work plan activities related to policy and procedures for geospatial data distribution, technical standards, funding, statewide geospatial data collection, and base and image mapping requirements.	The GICC, the Governor, the Joint Legislative Oversight Committee on Information Technology, and the Joint Legislative Commission on Governmental Operations will be well informed about the status of framework data and requirements for maintaining and enhancing the value of the data.
<b>2.</b>	Inform geospatial data users about the status of framework data and the availability of geospatial data and map products.	GIS users will be well informed about the availability, status, and qualities of framework and other geospatial datasets.
<b>3.</b>	Promote and gain support for cooperative programs for statewide geospatial data and mapping.	Cooperative programs will have acceptable stakeholder resources (expertise, business cases, funding, etc.) to create, maintain, or enhance key geospatial datasets.
<b>4.</b>	Advise the GICC and CGIA on issues, standards, problems, and opportunities.	The GICC and CGIA will be well informed on issues, standards, problems, and opportunities.

**Ongoing Responsibilities**

- 1. The SMAC Chair is responsible for reporting the work of the SMAC to the GICC quarterly.
- 2. Members are responsible for communicating the work of the SMAC to their respective committees and constituents.
- 3. Members are encouraged to communicate the work of the SMAC at meetings of regional user groups.

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**Major Tasks Numbered by Objective (\* indicates GICC priority for this fiscal year)**

<b>Objective number and task number</b>	<b>Lead Member(s)</b>	<b>Date Initiated</b>	<b>End Date</b>	<b>Status</b>
*1.1 Increase awareness and adoption of GICC initiatives and priorities through outreach and education.	Group	7/2022	6/2023	Ongoing
2.1 Assess the quality of statewide parcels, recommend enhancements to the master schema, and assist the NC Parcels Program with local participation.	WGSP team	7/2022	6/2023	Ongoing
*2.2 Draft and Implement elevation business plan to update and maintain LiDAR data and derived web services (including contours) on NC OneMap, and suggest derivative elevation products to produce.	Gary Thompson, John Lay, WGOE, NC OneMap Team	7/2021	12/2022	In progress
2.3 Members will report to SMAC on availability, status, opportunities, and quality of Geospatial Framework and other priority datasets of the GICC.	Group	7/2022	6/2023	Ongoing
*3.1 Define an approach and requirements for an enterprise dataset for surface waters as a Framework dataset, with an adopted schema to follow.	Cam McNutt, HWG	7/2021	6/2022	In progress
*3.2 Advise the AddressNC program and SMAC on address data and related address services in the context of NextGen911 data management; assist in the analysis of business requirements and benefits for application development and geospatial services related to AddressNC.	Darrin Smith	7/2022	6/2023	Monitoring NextGen 911 data development in FY 2021-22.
3.3 Review and update of GPS guidelines given the advances in technology.	Gary Thompson	7/2021	12/2022	In progress
3.4 Assemble working group to map an authoritative, single K-12 school location data set (public, private, charter). Possible stakeholders: DOT, DPS, DPI, DOA, Broadband, DHHS.	CGIA	7/2022	6/2023	In progress
*4.1 Refine a solution for data sharing and comprehensive, efficient, and timely maintenance of a statewide representation of all municipal boundaries.	Bob Coats, WGMB team	7/2021	6/2022	Complete
4.2. Provide technical advice to statewide orthoimagery and elevation projects.	Gary Thompson, WGOE	7/2022	6/2023	Ongoing
4.3 Review requests for geographic names and changes in names and advise the SMAC.	Cam McNutt, NCBGN	7/2022	6/2023	Ongoing
*4.4 Update metadata tools and documentation given change in GIS technology.	New Chair needed	7/2022	6/2023	On hold pending new chair

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4.5 Research and recommend solutions for land cover data in collaboration with NOAA.	Kenneth Taylor	7/2021	12/2022	In progress
*4.8 Present refreshed road centerline content standard to SMAC for approval and to GICC for adoption.	Eric Wilson, Erin Lesh, WGRT Team	7/2022	6/2023	Is there still a need?

*Table updated – April 18, 2023*