North Carolina State Government GIS User Committee

FY 2021-2022 Work Plan

Background

The purpose of the North Carolina State Government GIS User Committee (SGUC) is to monitor, evaluate, and make recommendations to the Geographic Information Coordinating Council on the needs, direction, priorities, standards, funding, and responsibilities for GIS projects and initiatives in state government, and assist in the coordination of geospatial data activities in North Carolina. The SGUC's role is to serve as the collective voice of the leaders in the state government GIS community to influence and inform the utilization of geospatial resources. The vision of the committee is that State agencies in North Carolina will fully utilize geospatial information in support of each agency's mission.

The SGUC appoints members to the Statewide Mapping Advisory Committee (SMAC) and the Technical Advisory Committee (TAC). The SGUC chair is a voting member of the GICC and serves on the Management & Operations (M&O) Committee. Membership is open to all interested State government employees. Members of the Executive Committee are appointed by department officials who serve ex officio on the GICC. The SGUC chair is appointed by the Chair of the GICC.

Goals

A. Inform development of GIS strategies as part of the State Strategic Plan for Information Technology and identify standards for acceptable GIS system architecture.
B. Support GIS professionals and GIS users in State Government.
C. Help develop, support, and sustain GIS-related enterprise license agreements for State Government.
D. Develop, support, and sustain GIS-related training across State Government.
E. Participate in the GICC and its committees and communicate effectively within and between agencies.
F. Share geospatial data among state agencies and with the public to support full utilization of information.

Reporting and Communication

All Executive Committee members should keep the SGUC aware of issues, activities, and accomplishments occurring within their departments. Likewise, they should also alert their colleagues and managers in their departments of the same. Below are the groups and people that should convey information:

Statewide Mapping Advisory Committee (Christian Vose and Sean McGuire), **GIS Technical Advisory Committee** (Dianne Enright), **Working Group for Roads and Transportation** (Erin Lesh), **Working Group for Seamless Parcels** (John Bridgers and Bob Coats), **Working Group for Orthoimagery and Elevation** (Christian Vose and Sean McGuire), **Management and Operations** (Melanie Williams), **Metadata Committee** (Sarah Wray), **Working Group for 2022 Reference Frame** (Gary Thompson), and **Working Group for Enhanced Emergency Response** (Colleen Kiley).

Objectives and Expected Benefits

	Objectives (* indicates FY2021-2022 priority)	Expected Benefits by Objective
1.	* Continue current collaboration among agencies regarding technology, data sharing, applications, and support of public business processes. Collaboration may include informing departmental GIS strategies and State GIS strategies in support of a State Strategic Plan for Information Technology.	Current collaboration and coordination among State agencies will continue to enable agencies to do more and sustain quality in data and applications. GIS strategies will create new opportunities to collaborate and achieve efficiencies in data development, data management, geospatial analysis, and mapping.
2.	Continue to identify ways for state workers who are not GIS professionals to take advantage of geospatial data in support of public business processes.	Geospatial data developed and managed by state agencies will be used more widely in state business processes and generate more benefits in the form of saving time and money and doing more. Professionals and users will be more efficient and effective in applying GIS by acquiring a common knowledge base, identifying best practices, creating opportunities for collaboration, sharing access to data and tools, and promoting data standards.
3.	Work with other State, local, and private entities to help define the GIS profession in North Carolina and promote the value and number of GIS professionals (GISP) in state government.	Promote and develop a healthy GIS workforce and industry within North Carolina while promoting the value of the GISP.
4.	Negotiate, manage, and monitor the State's Esri Enterprise License Agreement (ELA).	State agencies will have access to an ELA for GIS software that enables strategic, consistent, technically-supported implementation of GIS for agency business needs, at a reasonable annual cost over the period of the agreement. The availability of an ELA allows agencies to commit to developing solutions knowing that a long-term agreement is in place. Without the software there would be diminished support customers and applications, reducing the services to citizens.
5.	Work with DIT to maintain the contract for GIS services whereby selected vendors may provide services on a task order basis for short-term agency needs.	Agencies will have the capability to obtain GIS services quickly in order to meet short-term demands such as, but not limited to, legislative mandates.
6.	* Build and maintain business use cases for State Government agencies for access to accurate and timely infrastructure data across North Carolina. Articulate the criticality and cost savings to the citizens of North Carolina for said access.	Improve the delivery of State services to the citizens of North Carolina by including cost savings to State agencies.

	Objectives (* indicates FY2021-2022 priority)	Expected Benefits by Objective
7.	* Share geospatial datasets for public discovery and access through the NC OneMap. Identify data sharing/efficiency opportunities among State agencies. Seek ways to make local to state data sharing more efficient.	NC OneMap will have more value for state users and the public, individual agencies will receive fewer requests to distribute datasets, and the chances of redundant data development and dissemination will be reduced.
8.	* Build a knowledge base for SGUC members to contribute documentation and promotion of standards and recommended practices in geospatial data development, data management, application development, project management and enterprise data management. Collaborate with the GIS Technical Advisory Committee on specific technical questions. Emphasize technical demonstrations in general meetings that inform members about how to apply software and data to solve problems. Increase awareness and adoption of GICC initiatives and priorities through outreach and education.	Geospatial datasets will be more consistent with applicable standards, more complete, and better documented for discovery, access, integration, and application. GIS projects will be consistent with a common knowledge base, recommended practices, and current technology. State GIS users will expand common knowledge of baseline tools, techniques, and datasets to apply geospatial data to agency business needs.

Major Tasks or Milestones by Objective for FY 2021-2022

Task	Lead Member	Begin Date	Due Date	Status	FY21-23 GICC goal
1.1 Support an enterprise license agreement to foster efficiency and effective application of GIS technology and practice.	Group	7/2021	6/2022	Ongoing	
1.2 Review solutions and products from working groups and committees.	Group	7/2021	6/2022	Ongoing	
1.3 Prepare work plan, notes, and accomplishments for the GICC annual report.	CGIA	7/2021	6/2022	Ongoing	
1.4 Report to GICC at quarterly meetings.	Melanie Williams	7/2021	6/2022	Ongoing	
1.5** Identify common opportunities and requirements that support applications that derive business value from geospatial data assets and analysis	Group	7/2021	6/2023	Ongoing	1.7

Task	Lead Member	Begin Date	Due Date	Status	FY21-23 GICC goal
2.1 Manage the State account for ArcGIS Online for Organizations on behalf of state users.	Dianne Enright	7/2021	6/2022	Ongoing	
2.2 Identify training options and take advantage of training opportunities and resources.	Group	7/2021	6/2022	Ongoing	
3.1 Participate on the Working Group for Enhanced Emergency Response for better use of data and personnel.	Colleen Kiley, Brett Spivey, Group	7/2021	6/2022	Ongoing	
5.1 Collaborate with DIT to oversee limited GIS services contracting for short-term agency GIS needs. Check with Kristen Burnett.	Melanie Williams, Matthew McLamb	7/2021	6/2022	Ongoing	
6.1 Support and participate in initiatives to access accurate and timely infrastructure data.	Dean Grantham, Group	7/2021	6/2022	Ongoing	
7.1** Request all state agencies to make the Council's priority geospatial datasets discoverable and accessible through the NC OneMap. Also, support development of derivative data sets from framework data (data developed from LiDAR or land cover, for example).	David Giordano	7/2021	6/2022	Ongoing	1.5
7.2** Find solutions to make local-to-state data sharing more efficient to meet the needs of multiple statewide datasets, and not place undue burden on local geospatial data managers.	Group	7/2021	6/2022	Ongoing	1.4
8.1** Identify opportunities to collaborate on GIS solutions in state departments and divisions not directly represented on the Council to add value to state business processes.	Group	7/2021	6/2022	Ongoing	2.1
8.2 Hold quarterly general meetings with technical presentations and perform outreach to promote technical solutions for state users.	Melanie Williams	7/2021	6/2022	Ongoing	
8.3** Share opportunities for collaboration, promote initiatives and the value of GIS.	Group	7/2021	6/2022	Ongoing	2.4
8.4 Coordinate data development and knowledge sharing for mobile and UAV/drone emerging technologies, as	DOT, DEQ, and SGUC Executive	7/2021	6/2022	Ongoing	

Task	Lead Member	Begin Date	Due Date	Status	FY21-23 GICC goal
well as others. Facilitate communication and cost-sharing knowledge among state agencies relative to these technologies. Rely on GIS TAC for a deep-dive into a specific technology.	Committee Members				

*** From GICC Elements of Strategic Direction or GICC Priorities*

Dependencies

State IT strategy and IT restructuring may have an impact on the objectives of the committee.