

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.

Objectives (* indicates priority for 2019-2020)

- 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 and promoting the value of GIS professionals (GISP) in state government and increasing the number of GISP among general members.

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.
3. Work with other State, local, and private entities to help define the GIS profession in North Carolina.
4. *Negotiate, manage, and monitor the State's Esri Enterprise License Agreement.
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.
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 saving to the citizens of North Carolina for said access.
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.
8. *Build a knowledge base for SGUC members, and contribute to 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.

Expected benefits by objective

1. 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. 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. Promote and develop a healthy GIS workforce and industry within North Carolina.
4. State agencies will have access to an Enterprise License Agreement for GIS software that enables strategic, consistent, technically-supported implementation of GIS for agency business needs, at a reasonable annual cost per license 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 we would not be able to support our customers and applications, reducing the services to citizens.

5. 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. Improve the delivery of State services to the citizens of North Carolina to including cost savings to State agencies.
7. 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 will be diminished.
8. Geospatial datasets will be more consistent with applicable standards and business needs, 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

Task	Lead Member	Begin Date	Due Date	Status
1.1. Collaborate with DIT to integrate GIS in transitions of department IT to DIT (GIS data, practices, and professionals).	John Farley	7/2019	6/2020	
1.2. Develop an enterprise strategy to manage GIS licenses for efficiency and effective application of GIS technology and practice.	Group	9/2019	9/2020	
2.1. Manage the State account for ArcGIS Online for Organizations on behalf of state users.	Dianne Enright	7/2019	6/2020	Ongoing
2.2. Identify training options and take advantage of training opportunities and resources.	Group	10/2019	6/2020	Ongoing
3.1. Participate on the Working Group for Enhanced Emergency Response for better use of data and personnel.	John Farley	7/2019	6/2020	In progress
4.1. Monitor the Esri Enterprise License Agreement (ELA) process with DIT.	John Farley, Dianne Enright and Group	7/2019	6/2020	Ongoing

Task	Lead Member	Begin Date	Due Date	Status
5.1. Collaborate with DIT to oversee limited GIS services contracting for short-term agency GIS needs.	Dianne Enright, John Farley, Marc Voss, Hope Morgan, Matthew McLamb	7/2019	6/2020	Ongoing
6.1. Support and participate in initiatives to access accurate and timely infrastructure data.	John Farley	7/2019	6/2020	Ongoing
6.2.** Build and publish a use cases document for accurate and timely infrastructure data needed by State agencies.	Group	9/2019	6/2020	
7.1.** Request all state agencies to make the Council's priority geospatial datasets discoverable and accessible through the NC OneMap.	David Giordano	7/2019	6/2020	Ongoing
7.2.** Find solutions to make data sharing local-to-state more efficient to meet the needs of multiple statewide datasets and not place undue burden on local geospatial data managers.	Group	9/2019	6/2020	
8.1. Share information and knowledge with DIT in support of enterprise data management. Contribute to review of proposed standards, and development of best practices and/or issue papers to promote a standard.	Group	7/2019	6/2020	Ongoing
8.2.** 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	9/2019	6/2020	
8.3. Hold quarterly general meetings with technical presentations and perform outreach to promote technical solutions for state users.	John Farley	7/2019	6/2020	Ongoing
8.4. Build a knowledge base for proposing, designing, implementing, managing, and documenting geospatial databases and applications.	Group	7/2019	6/2020	Ongoing
8.5. Collaborate with the GIS Technical Advisory Committee on specific technical questions as requested.	GIS TAC Chair	7/2019	6/2020	Ongoing

**From GICC Elements of Strategic Direction or GICC Priorities

Ongoing responsibilities and tasks related to other committees:

Task	Lead Member	Begin Date	Due Date	Status
Review solutions and products from working groups and committees.	Group	7/2019	6/2020	Ongoing
Prepare work plan, notes, and accomplishments for the GICC annual report.	CGIA	7/2019	6/2020	Ongoing
Report to GICC at quarterly meetings.	John Farley	7/2019	6/2020	Ongoing

Dependencies

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

All Executive Committee Members:

- Report issues, activities and accomplishments from other committees and working groups including SMAC (Hope Morgan and Sean McGuire), TAC (Dan Madding), WGRT (John Farley), WGSP (John Bridgers), Working Group for Orthoimagery and Elevation (Sean McGuire and Hope Morgan), Management & Operations (John Farley), Metadata Committee (Sarah Wray), Working Group for 2022 Reference Frame (Hope Morgan), Working Group for Enhanced Emergency Response (John Farley, Hope Morgan, Dan Madding, Dean Grantham, John Cox, Dianne Enright, David Giordano, Adam Blythe, Michael Cline, and Sarah Wray) and Working Group on Professional Licensed Surveyors and GIS (John Farley, Dan Madding and Hope Morgan).
- Communicate SGUC issues, activities and accomplishments to agency colleagues and managers.