

### **Technical Advisory Committee**

The purpose of the Technical Advisory Committee (TAC) is to review and recommend specifications related to interoperability of hardware, software and databases to enable data sharing, as well as approaches or guidelines for developing, installing, and managing the components of GIS infrastructure. The state (SGUC), local (LGC) and federal (FIC) user committees appoint members to the TAC. The committee also includes representatives from the Office of the State Chief Information Officer, from the NC Secretary of State's Land Records Management Program, from the GICC (appointed by the Chair), and from CGIA.

#### **Goals**

- A. Under direction of the GICC, support the mission of the Council by responding to GIS technical opportunities and issues affecting state and local governments in North Carolina.
- B. Provide guidance on technical issues related to geospatial data and GIS as a component of the statewide technical architecture.
- C. Exercise foresight and leadership, and approach technical matters in a competent and timely manner.

#### **Objectives for Fiscal Year 2011-2012**

1. Advise an agile development process based on prioritized requirements for the NC OneMap revitalization project in collaboration with the NC OneMap project team and the Management and Operations Committee.
2. Review specific solutions, prioritize solutions, and recommend steps to accomplish information technology improvements to NC OneMap.
3. Provide technical advice, expertise and leadership to the Council for specific technical issues of concern to the Council.
4. Provide an assessment of the statewide technical architecture for GIS in an annual report to the Council.
5. Align findings and recommendations of the GIS TAC, when practical, with the policies and standards of the National Spatial Data Infrastructure (NSDI).

#### **Expected benefits by objective**

1. Requirements for the NC OneMap revitalization project that can be achieved without additional funding will be applied to technical solutions.
2. The NC OneMap technical revitalization project will benefit from TAC guidance in developing agile solutions to achieve near term enhancements consistent with long term goals.
3. Questions and concerns from GICC members will be considered and answered in a timely way.
4. The GICC and its committees will be better informed on technical architecture issues in North Carolina.
5. North Carolina will be well positioned for federal grant proposals, cooperative agreements, and collaborative projects with the US Geological Survey, other federal agencies, the Library of Congress, and other states.

#### **Ongoing Responsibilities**

- Members are responsible for communicating the work of the TAC to their respective committees and constituents.

**Major Tasks Numbered by Objective 2011-2012 (\* indicates priority for this fiscal year)**

<b>Objective number and task number</b>	<b>Lead Member</b>	<b>Date Initiated</b>	<b>End Date</b>	<b>Status</b>
*1.1. Advise an agile development process for NC OneMap revitalization based on priority requirements in collaboration with M&O and NC OneMap team	Colleen Sharpe	7/1/11	Early 2012	In process
*2.1. Advise the NC OneMap team on specific technical solutions in an agile development process for enhancements to NC OneMap	John Farley and Colleen Sharpe	8/23/11	Early 2012	In process
*2.2. Evaluate solutions with respect to longer term solutions for enhancements to NC OneMap to satisfy user requirements	Colleen Sharpe	8/23/11	Mid-2012	In process
3.1. Review GICC concerns and develop responses; review requests and solutions in the context of NSDI	Colleen Sharpe	7/1/11		ongoing
4.1. Prepare an annual report on technical architecture for GIS in NC	TBD	3/1/12	5/9/12	
5.1. Inform the GICC of tasks and progress	Colleen Sharpe	8/10/11	5/9/12	

**Timetable for Numbered Tasks**

July to September	October to December	January to March	April to June
1.1 NC OneMap enhancement	1.1 NC OneMap req.		
2.1. NC OneMap agile solutions	2.1. NC OneMap agile solutions	2.1. NC OneMap agile solutions	
2.2 Evaluate solutions	2.2 Evaluate solutions	2.2 Evaluate solutions	2.2 Evaluate solutions
3.1. Respond to GICC requests	3.1. Respond to GICC requests	3.1. Respond to GICC requests	3.1. Respond to GICC requests
		4.1. Tech. Architecture	4.1. Tech. Architecture
5.1. Report to GICC	5.1. Report to GICC	5.1. Report to GICC	5.1. Report to GICC

**Dependencies**

GICC initiatives and concerns during the year may alter priorities.