

National States Geographic Information Council 2008 State Summary  
 2008 State Summary  
 State of North Carolina

Background Information

1	Please Choose the primary contact
Zsolt Nagy	

3	Please select the answer that most closely describes your role in statewide GIS coordination.
Officially Recognized Statewide GIS Coordinator	

4	What is your job title?
State Geographic Information Systems Coordinator	

5	Enter the name of your agency/organization.
North Carolina Center for Geographic Information and Analysis	

6	Please select the answer that best describes the affiliation of your office/agency in state government.
Department of Natural Resources or Environmental Protection	

11	Describe your state's top three geospatial accomplishments during the past year. (200 character limit per line)
----	---

[Accomplishment 1.](#)

Stream Mapping for nineteen counties is complete. The local resolution NHD database was created with local imagery and LIDAR data. Compared to the 24K NHD, feature count is increased 800%, feature stream length is increased 200%

[Accomplishment 2.](#)

The second and third year of a four year cost share initiative to refresh local imagery was funded and implemented in partnership with USGS. Provisions of each local contract includes funding and adoption of best practices for NC OneMap/National Map

[Accomplishment 3.](#)

The General Assembly appropriated NC OneMap funds for an additional recurring staff position. The position will complement the work of the NC OneMap DBA and focus on Application Development, improving access to statewide geospatial assets

12	Describe your state's top three geospatial goals for the coming year. (200 character limit per line)
----	--

[Goal 1.](#)

Support Office of State Budget and Management in a GIS Study, as directed in House Bill 1473 Section 6.14.(a)(b)(c). Recommendations to address governance, organization, and staffing across agencies; and a coherent, effective investment strategy

[Goal 2.](#)

Identify sustained funding for NC OneMap cost share initiative to refresh local framework imagery in partnership with federal and local government. Per Council direction, goal is to refresh imagery in every county once every four years, at minimum

[Goal 3.](#)

Develop and evolve the NC OneMap system by increasing community participation, and enhancing system functionality

13	Describe the three most significant geospatial challenges for your state. (200 character limit per line)
----	--

[Challenge 1.](#)

Develop business case and identify sustained funding for statewide coordination and NC OneMap development and maintenance

[Challenge 2.](#)

Refresh business case and identify resources to continue local resolution stream mapping project for remaining 81 counties in the state, with specific emphasis on high priority areas

[Challenge 3.](#)

Adopt and implement ten data sharing recommendations by statewide community as part of NC OneMap initiative

14	Describe any significant cooperative efforts with federal, state or local partners. (200 character limit per line)
----	--

[Cooperative Effort 1.](#)

The Working Group for Roads and Transportation (WGRT) is developing a portal site for local and regional governments to share updated centerline data. This portal will support the maintenance of a statewide transportation layer

[Cooperative Effort 2.](#)

Leveraging the NC OneMap collaborative network, Library of Congress, NC State University Libraries, and statewide stakeholders continue a partnership to assess conditions and requirements for preservation of at-risk geospatial data

[Cooperative Effort 3.](#)

More than 60 local agencies are receiving federal assistance for aerial imagery and implementing best practices as part of the NC OneMap NSDI Partnership Agreement

[Cooperative Effort 4.](#)

Sustainable Sandhills and the Base Realignment and Closure Regional Task Force is collaborating to develop models and tools to communicate suitability and opportunities for sustainable land use in an 11-county area with a military base

[Cooperative Effort 5.](#)

More than 100 government data providers, logged more than 1600 entries onto the NC OneMap Inventory via NSGIC's RAMONA tool

[Cooperative Effort 6.](#)

An on-line facility for public access and free download of more than 100 statewide data sets was put into place as part of the NC OneMap program

15	Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc. that are on-going or that you have begun over the past year. (200 character limit per line)
----	--

[Activity 1.](#)

The Landslide Mapping Program is in the process of completing hazard maps for three counties in Western North Carolina. These maps will help home owners and local officials plan effectively and mitigate the effects of landslide hazards

[Activity 2.](#)

To help implement the Phase II stormwater program, CGIA collaborated with the NC Division of Water Quality to represent a complex set of state and local permitting responsibilities in an interactive web map viewer

[Activity 3.](#)

CGIA utilized moderate-resolution land cover change detection data generated by US EPA's National Exposure Research Laboratory to select areas for a higher-resolution

Activity 4.

Empty

Activity 5.

Activity 6.

Empty

16	Please provide the URL link for the mission statement of your state GIS Council.
URL: <a href="http://www.ncgicc.org/">http://www.ncgicc.org/</a>	
17	Please provide the URL link for your state GIS Coordination Office.
URL: <a href="http://www.cgia.state.nc.us/">http://www.cgia.state.nc.us/</a>	
18	Please provide the URL link for your state GIS Coordination Council Web Page.
URL: <a href="http://www.ncgicc.org/">http://www.ncgicc.org/</a>	
19	Please provide the URL link for your state GIS Clearinghouse Node.
URL: <a href="http://www.nconemap.net/">http://www.nconemap.net/</a>	
20	Is your Clearinghouse Node set up to be harvested by the GOS Portal?
Yes	
21	Please provide the URL link to a list of GIS data stewards for your state.
URL: <a href="http://www.nconemap.net/">http://www.nconemap.net/</a>	
22	Please provide the URL link to your state GIS Personnel Classifications.
No Specific GIS Classifications	
23	Please provide the URL link for your state GIS data distribution policies.
URL: <a href="http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html">http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html</a>	
24	Please provide the URL link for your state GIS Data Standards.
URL: <a href="http://www.ncgicc.org/">http://www.ncgicc.org/</a>	

## Score Card for the fifty states initiative

1	Which of the following NSGIC Coordination Criteria are in effect in your state?					
	1 = We previously had this function and lost it over the past year					
	2 = No plans at this time for implementing this criteria					
	3 = We currently are planning to implement this within the next 12 to 18 months					
	4 = Progress has been made and we reasonably expect this to be fully implemented within the next 12 months					
	5 = Implemented at this time					
	Not Applicable	1	2	3	4	5
1. A full-time, paid coordinator position is designated and has the authority to implement the state's business and strategic plans.	-	-	-	-	-	5
2. A clearly defined authority exists for statewide coordination of geospatial information technologies and data production.	-	-	-	-	-	5
3. The statewide coordination office has a formal relationship with the state's Chief Information Officer (or similar office).	-	-	-	-	-	5
4. A champion (politician or executive decision-maker) is aware and involved in the process of coordination.	-	-	-	-	-	5

5. Responsibilities for developing the National Spatial Data Infrastructure and a State Clearinghouse are assigned.	-	-	-	-	-	5
6. The ability exists to work and coordinate with local governments, academia, and the private sector.	-	-	-	-	-	5
7. Sustainable funding sources exist to meet projected needs.	-	-	-	3	-	-
8. Coordinators have the authority to enter into contracts and become capable of receiving and expending funds.	-	-	-	-	-	5
9. The Federal government works through the statewide coordinating authority.	-	-	-	-	4	-

2   Please identify the stakeholder groups that participate on your GIS Coordination Council and their level of participation.			
	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	Invited to participate in general meetings of our Council
Cities and Towns	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Statewide City Organization	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Counties and Parishes	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Statewide County Organization	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Regional Government Organizations	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
State Agencies	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Tribal Governments	-	-	-
Federal Agencies	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Utilities	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Academic (Colleges & Universities)	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Education (K-12)	-	Has an official 'seat' or voting privileges on our Council	-
Private Sector (GIS Industry Vendors and Users)	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
General Business Community	-	-	-
Surveying Community	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	-
Non-Profit Organizations	-	Has an official 'seat' or voting privileges on our Council	-
General Public	-	Has an official 'seat' or voting privileges on our Council	-
Local URISA Chapter	-	-	-
Local ASPRS Chapter	-	-	-

3   Please provide the URL link to your current Statewide Strategic Plan for GIS.
Under Development - Not Available at this Time

4   Please provide the URL link to your current Statewide Business Plan for GIS.
Under Development - Not Available at this Time

5   Please provide the URL link to your current Statewide Marketing Plan for GIS.
No Marketing Plan Available

6   Please provide the URL link to the Law or Executive Order that established your GIS Coordination Office and/or Council.
---

URL:  
[http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter\\_143.html](http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_143.html)

7 | Please provide a URL link to your state's law(s) related to privacy issues as they affect data and information technology.  
URL:  
[http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter\\_132.html](http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html)

8 | Please provide a URL link to your state's law(s) related to data security issues.  
URL:  
[http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter\\_132.html](http://www.ncleg.net/EnactedLegislation/Statutes/HTML/ByChapter/Chapter_132.html)

9 | Does your GIS Coordination Council have adequate funding to support its operation? (This refers only to the activities of the Council and not to your Coordination Office or projects like data development.)  
Not Funded

10 | What fund sources does your Coordination Council use to support its operations? (Check all that apply)  
The CGIA Coordination Program provides staff and administrative support to the Council. These activities are supported through receipts generated by the CGIA Services Program

11 | Does your GIS Council officially endorse the use of appropriate OGC, FGDC, ANSI or ISO standards as appropriate?  
Yes

12 | Does your state make its own GIS Inventory tool available to users?  
No, but we actively support use of the Ramona System

13 | Does your state actively develop and promote the use of data sharing agreements?  
Yes, but only for limited operational needs

14 | Does your GIS Council or State Coordination Office actively participate in The National Map?  
Yes

## Hot Topics

1 | Does your state have a shared Orthoimagery Program that involves local and state agencies?  
Yes

2 | Have you completed a Return on Investment (ROI) Study or Cost Benefit Analysis (CBA) to justify a shared Orthoimagery Program?  
No

3 | Please provide a URL link so we can obtain a copy of your ROI or CBA study.  
Not Applicable

4 | Does your state have a shared Road Centerline file project that involves local and state agencies?  
Yes

5 | Have you completed a Return on Investment (ROI) Study or Cost Benefit Analysis (CBA) to justify a shared Road Centerline File program?  
No

6 | Please provide a URL link so we can obtain a copy of your ROI or CBA study.  
Not Applicable

7 | Does your state have a statewide (or multi-jurisdictional) address database? (pick one)  
No

8 | Is this database based on individual addresses or address ranges? (pick one)  
Not Applicable

9	Have you completed a Return on Investment (ROI) or Cost Benefit Analysis (CBA) to justify this Address program? (pick one)
Not Applicable	

10	If applicable, please provide a URL link so we can obtain a copy of your ROI or CBA study. (fill-in if applicable)

## Role of State GIS Coordinators

1	Please choose the mechanism that created your position.
Agency Administrative Decision	

2	Please provide the URL link for the document(s) that created your position (Legislation, Executive Order or Other Action).
No Statutory Authority, Executive Order, or Other Action	

3	Which choice most closely matches the title of your boss?
State Department/Agency Division Director	

4	What choice best describes how closely you are aligned with the State CIO?

5	Please select the number of staff that you supervise.
Less than 3	

6	Does your GIS Coordination Office have adequate funding to support its operation? (This refers only to the activities of your office and not to the Coordination Council, or projects like data development.)
Not Funded	

7	What fund sources does your Coordination Office use to support its operations? (Check all that apply)
Administrative and staff activities are funded as overhead from CGIA agency receipts generated by paying clients for services	

8	When an administration change occurs following a statewide election is your position?
Not Likely to be Affected	

9	Please rank the importance of these characteristics/skills to the effective performance of your job.				
	Not Important	Not Very Important	Important	Very Important	Critical
GIS Evangelist/Cheerleader	-	-	-	-	Critical
GIS Architect	-	-	Important	-	-
Political Savvy	-	-	-	-	Critical
Technological Savvy	-	-	Important	-	-
General Management Skills	-	-	-	Very Important	-
Procurement/Contracting Skills	-	-	-	-	Critical
People Skills	-	-	-	-	Critical
Understanding the Business Needs of Your Customers	-	-	-	-	Critical