

National States Geographic Information Council 2009 State Summary  
2009 State Summary  
State of North Dakota

## Background Information

1	Please Choose the primary contact
Bob Nutsch	

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.
Information Technology Department	

6	Please select the answer that best describes the affiliation of your office/agency in state government.
Information Technology Agency	

11	Describe your state's top three geospatial accomplishments during the past year. (200 character limit per line)
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[Accomplishment 1.](#)

Worked with the U.S. Geological Survey to complete the statewide coverage of digital elevation model data.

[Accomplishment 2.](#)

Detailed hydrologic unit boundaries became fully certified in January.

[Accomplishment 3.](#)

The GIS Hub supported flood fighting efforts during the spring of 2009. Record usage was made of the web services.

12	Describe your state's top three geospatial goals for the coming year. (200 character limit per line)
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[Goal 1.](#)

Development of a statewide emergency services dataset consisting of centerlines and address points.

[Goal 2.](#)

Upgrade of the GIS Hub infrastructure including redundancy and increased data storage.

[Goal 3.](#)

Development and implementation of a service level agreement which includes a disaster recovery plan.

13	Describe the three most significant geospatial challenges for your state. (200 character limit per line)
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[Challenge 1.](#)

Additional funding for application development and data/application hosting

[Challenge 2.](#)

Development of statewide road centerline and address point data

[Challenge 3.](#)

Development of statewide cadastral data

14	Describe any significant cooperative efforts with federal, state or local partners. (200 character limit per line)
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[Cooperative Effort 1.](#)

Continuation of partnership with U.S.G.S. to develop data.

[Cooperative Effort 2.](#)

Empty

[Cooperative Effort 3.](#)

Empty

[Cooperative Effort 4.](#)

Empty

[Cooperative Effort 5.](#)

Empty

[Cooperative Effort 6.](#)

Empty

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)
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[Activity 1.](#)

We have evaluated using PostgreSQL coupled with ArcSDE and intend to include that into our infrastructure.

[Activity 2.](#)

The new North Dakota GIS Hub Data Portal is about to be released. This application is used to locate spatial data and is based on GeoNetwork opensource.

[Activity 3.](#)

Empty

[Activity 4.](#)

Empty

[Activity 5.](#)

Empty

[Activity 6.](#)

Empty

16	Please provide the URL link for the mission statement of your state GIS Council.
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URL:

<http://www.nd.gov/gis/about/enabling/execorder200106/index.html>

17	Please provide the URL link for your state GIS Coordination Office.
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URL: <a href="http://www.nd.gov/gis/">http://www.nd.gov/gis/</a>	
18	Please provide the URL link for your state GIS Coordination Council Web Page.
URL: <a href="http://www.nd.gov/gis/about/gistech/index.html">http://www.nd.gov/gis/about/gistech/index.html</a>	
19	Please provide the URL link for your state GIS Clearinghouse Node.
URL: <a href="http://www.nd.gov/gis/">http://www.nd.gov/gis/</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.
Hard Copy Only	
22	Please provide the URL link to your state GIS Personnel Classifications.
URL: <a href="http://www.nd.gov/hrms/comp/index/classes.asp">http://www.nd.gov/hrms/comp/index/classes.asp</a> - search on 'geographic' for title	
23	Please provide the URL link for your state GIS data distribution policies.
No State Data Distribution Policy	
24	Please provide the URL link for your state GIS Data Standards.
URL: <a href="http://www.nd.gov/gis/resources/standards/">http://www.nd.gov/gis/resources/standards/</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.	-	-	2	-	-	-
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.	-	-	-	-	-	5
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.	-	-	-	-	-	5
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	-	-	Invited to participate in general meetings of our Council
Statewide City Organization	-	-	Invited to participate in general meetings of our Council
Counties and Parishes	-	-	Invited to participate in general meetings of our Council
Statewide County Organization	-	-	Invited to participate in general meetings of our Council
Regional Government Organizations	-	-	Invited to participate in general meetings of our Council
State Agencies	Actively participates on our Council	Has an official 'seat' or voting privileges on our Council	Invited to participate in general meetings of our Council
Tribal Governments	-	-	Invited to participate in general meetings of our Council
Federal Agencies	-	-	Invited to participate in general meetings of our Council
Utilities	-	-	Invited to participate in general meetings of our Council
Academic (Colleges & Universities)	-	-	Invited to participate in general meetings of our Council
Education (K-12)	-	-	Invited to participate in general meetings of our Council
Private Sector (GIS Industry Vendors and Users)	-	-	Invited to participate in general meetings of our Council
General Business Community	-	-	Invited to participate in general meetings of our Council
Surveying Community	-	-	Invited to participate in general meetings of our Council
Non-Profit Organizations	-	-	-
General Public	-	-	-
Local URISA Chapter	-	-	-
Local ASPRS Chapter	-	-	-

3	Please provide the URL link to your current Statewide Strategic Plan for GIS. URL: <a href="http://www.nd.gov/gis/about/plan/">http://www.nd.gov/gis/about/plan/</a>
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4	Please provide the URL link to your current Statewide Business Plan for GIS. URL: <a href="http://www.nd.gov/gis/about/plan/">http://www.nd.gov/gis/about/plan/</a>
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5	Please provide the URL link to your current Statewide Marketing Plan for GIS. No Marketing Plan Available
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6	Under what authority was your State Council created? Governor/Executive Order
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7	Please provide the URL link to the Law or Executive Order that established your GIS Coordination Office and/or Council. URL: <a href="http://www.nd.gov/gis/about/enabling/">http://www.nd.gov/gis/about/enabling/</a>
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8	Please provide a URL link to your state's law(s) related to privacy issues as they affect data and information technology. URL: <a href="http://www.nd.gov/itd/pri-pol.html">http://www.nd.gov/itd/pri-pol.html</a>
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9	Please provide a URL link to your state's law(s) related to data security issues.
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URL:  
<http://www.nfoic.org/web/resource/nordak/nordak.htm>

10 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.)  
Fully Funded

11 What fund sources does your Coordination Council use to support its operations? (Check all that apply)  
State General Funds  
Agency Contributions As Required  
Federal Grants

12 Does your GIS Council officially endorse the use of appropriate OGC, FGDC, ANSI or ISO standards as appropriate?  
Not Applicable

13 Does your state make its own GIS Inventory tool available to users?  
Other (please specify)  
We utilize a metadata searching tool

14 Does your state actively develop and promote the use of data sharing agreements?  
No

15 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?  
Other (please specify)  
On a case by case basis

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?  
No, but we plan to start one in the next 12 months

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)

11	Please tell us who was identified as the designated entity to apply for grant funds to map broadband access in your state.
CIO/Technology Department	

## Role of State GIS Coordinators

1	Please choose the mechanism that created your position.
Governor's Executive Order	

2	Please provide the URL link for the document(s) that created your position (Legislation, Executive Order or Other Action).
URL: <a href="http://www.nd.gov/gis/about/enabling/">http://www.nd.gov/gis/about/enabling/</a>	

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

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

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.)
Fully Funded	

7	What fund sources does your Coordination Office use to support its operations? (Check all that apply)
State General Funds Federal Grants	

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	-	-	-	Very Important	-
GIS Architect	-	-	Important	-	-
Political Savvy	-	-	-	-	Critical
Technological Savvy	-	-	-	Very Important	-
General Management Skills	-	-	-	Very Important	-
Procurement/Contracting Skills	-	-	Important	-	-
People Skills	-	-	-	-	Critical
Understanding the Business Needs of Your Customers	-	-	-	-	Critical