

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

Background Information

1	Please Choose the primary contact
Erik Nelson	

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

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

5	Enter the name of your agency/organization.
State of South Dakota/Bureau of Information and Telecommunication	

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.](#)
Hosted first state GIS conference in four years.
[Accomplishment 2.](#)
Consolidated GIS software licenses to a centralized license server.
[Accomplishment 3.](#)
Five new state agencies or bureau's adopted the use of GIS technology.

12	Describe your state's top three geospatial goals for the coming year. (200 character limit per line)
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[Goal 1.](#)
Continue improvements towards an entriprize GIS solution.
[Goal 2.](#)
Improvements to our statewide address layer with collaboration from counties and local E911 coordinators.
[Goal 3.](#)
Completion of GIS data and metadata inventory.

13	Describe the three most significant geospatial challenges for your state. (200 character limit per line)
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[Challenge 1.](#)
Communication and cooperation between entities needing, creating and using data.
[Challenge 2.](#)
Funding for new data creation and maintenance of existing datasets.
[Challenge 3.](#)
Finding data stewards.

14	Describe any significant cooperative efforts with federal, state or local partners. (200 character limit per line)
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[Cooperative Effort 1.](#)
South Dakota Cadastral Initiative. <http://www.coactivate.org/projects/south-dakota-cadastral-initiative/project-home>
[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.](#)
At the state level we consolidated all of our GIS software licenses. The end result is we now provide more software to more users for less money.
[Activity 2.](#)
Empty
[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.
Don't Have a Mission Statement	

17	Please provide the URL link for your state GIS Coordination Office.
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URL: http://arcgis.sd.gov/IMS/sdgis/	
18	Please provide the URL link for your state GIS Coordination Council Web Page.
No Coordination Council	
19	Please provide the URL link for your state GIS Clearinghouse Node.
URL: http://arcgis.sd.gov/IMS/sdgis/Data.aspx	
20	Is your Clearinghouse Node set up to be harvested by the GOS Portal?
No	
21	Please provide the URL link to a list of GIS data stewards for your state.
No List Available	
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.
No State Data Distribution Policy	
24	Please provide the URL link for your state GIS Data Standards.
No Data Standards	

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.	-	-	-	3	-	-
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.	-	-	-	3	-	-
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.	-	-	2	-	-	-
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	-	-	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	-	-
Tribal Governments	-	-	Invited to participate in general meetings of our Council
Federal Agencies	Actively participates on our Council	-	-
Utilities	-	-	Invited to participate in general meetings of our Council
Academic (Colleges & Universities)	Actively participates on 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	-	-	Invited to participate in general meetings of our Council

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	Under what authority was your State Council created?
Voluntary/Informal Council	

7	Please provide the URL link to the Law or Executive Order that established your GIS Coordination Office and/or Council.
Not Applicable - No Executive Order or Law Available	

8	Please provide a URL link to your state's law(s) related to privacy issues as they affect data and information technology.
Not Applicable - No Law in Effect	

9	Please provide a URL link to your state's law(s) related to data security issues.
Not Applicable - No Law in Effect	

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.)
Not Funded	

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

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

13	Does your state make its own GIS Inventory tool available to users?
Yes - Government Users Only	

14	Does your state actively develop and promote the use of data sharing agreements?
Other (please specify) As needed	

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) We share all Orthoimagery data collected with all levels of government and private industry as requested.	

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)
Yes	

8	Is this database based on individual addresses or address ranges? (pick one)
Address ranges	

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.
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CIO/Technology Department

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 Chief Information Officer

4 What choice best describes how closely you are aligned with the State CIO?
The CIO is My Boss

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

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.)
Other (please specify)
Operational costs are billed back to participating agencies.

7 What fund sources does your Coordination Office use to support its operations? (Check all that apply)
State Special Funds
Agency Contributions As Required
Federal Funds Appropriated in State Budget
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	-	-	-	Very Important	-
Political Savvy	-	-	Important	-	-
Technological Savvy	-	-	-	Very Important	-
General Management Skills	-	-	-	Very Important	-
Procurement/Contracting Skills	-	-	Important	-	-
People Skills	-	-	-	Very Important	-
Understanding the Business Needs of Your Customers	-	-	-	Very Important	-