

2005 NSGIC STATE SUMMARIES

NSGIC



National States Geographic Information Council
2105 Laurel Bush Road, Suite 200
Bel Air, MD 21015

<http://www.nsgic.org>

2005 NSGIC STATE SUMMARIES

Prepared by the:

**National
States
Geographic
Information
Council**

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National States Geographic Information Council
2105 Laurel Bush Road, Suite 200
Bel Air, MD 21015
Phone: (443) 640-1075 • Fax: (443) 640-1031
E-mail: nsgic@ksqgroup.org
<http://www.nsgic.org>

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ALABAMA

Contact Information:

Berry H. (Nick) Tew
State Geologist
Geological Survey of Alabama
PO Box 869999
420 Hackberry Lane
Tuscaloosa, AL 35486-6999
Phone: 205.349.2852
Fax: 205.349.3861
Email: ntew@gsa.state.al.us



State GIS Clearinghouse URL: (Metadata Clearinghouse node maintained by Geological Survey of Alabama): <http://www.gsa.state.al.us>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Initiation of development of a State GIS data and metadata portal (Alabama Emergency Management Agency and Geological Survey of Alabama).
2. Establishment of State government GIS classifications within the State Personnel Department.
3. Continuation of development of a GIS strategic/business plan for AL (AL Dept. of Revenue, Property Tax Division).

B. Describe your state's top 3 geospatial goals for the coming year:

1. Deployment of the GIS data and metadata portal.
2. Continued progress in coordination and cooperation within the state.
3. Development of funding and other resources for geospatial activities.

C. Describe the 3 most significant geospatial challenges for your state:

1. Funding and other resources for GIS development and activities.
2. Coordination and communication.
3. Education of decision makers relative to the significant benefits associated with geospatial technologies and data.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

There are numerous cooperative efforts in Alabama, among partners at all levels. Generally, these are driven by specific needs or projects. The data portal project, a cooperative effort of the Alabama Emergency Management and the Geological Survey of Alabama, is proving to be particularly beneficial.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

N/A

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: N/A

2. GIS Statutory authority: N/A
3. GIS Coordinator: N/A
4. GIS Coordinating Body: N/A
5. GIS Personnel Classifications: Being finalized at the present time.
6. GIS Data Distribution Policy: varies among entities and levels of government
7. GIS Data Standards: N/A
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: N/A
- 9.

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available:

N/A

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

N/A

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

N/A

Contact Information:

Richard McMahon
Information Technology Manager
Alaska Dept. of Natural Resources
Land Records Information Section
550 W. 7th Ave., Suite 706
Anchorage, AK 99501
Phone: 907-269-8836
Fax: 907-269-8920
Email: Richard.McMahon@dnr.state.ak.us



ASGDC
 Alaska State
 Geo-Spatial Data
 Clearinghouse

State GIS Clearinghouses URL: **State-Local Node:** <http://asgdc.state.ak.us>
Federal Node: <http://agdc.usgs.gov>
University Node: <http://www.gina.alaska.edu/>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Collection and deployment of Community Profiles in Southwest Alaska by Dept. of Commerce & Economic Development – used for community planning, flood control, emergency response, public safety, land management.
2. Publication of Anadromous Waters Catalog by Dept of Fish & Game (i.e. salmon streams on-line, helps with permit process, public recreation and commercial fisheries management).
3. Migration GIS databases from coverages and files to Oracle Spatial in Natural Resources; begin integration of GIS with business data; e.g. enables SQL queries against spatial data.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Advancing the Transportation differential GPS road centerline mapping project with new data published to the web.
2. Implementing Web Mapping Services, connections to GeoSpatial One Stop, and the National Map; initially through a new version of the Land Records Mapping Application.
3. Updating Federal Emergency Management Agency (FEMA) floodplain maps per national standards.

C. Describe the 3 most significant geospatial challenges for your state:

1. Securing statewide digital elevation models and orthos; collecting adequate vertical control.
2. Integrating parcel geospatial data with legacy land administration business systems.
3. Creating organizational infrastructure for coordination of geographic data and systems.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

Alaska Land Records	http://plats.landrecords.info	Federal and State site
Alaska Oil & Gas Geotechnical Data	http://alaska.gov/aogcc/publicdb.htm	Web Service model for GIS basemap
Anadromous Waters	http://gis.sf.adfg.state.ak.us/AWC_IMS/viewer.htm	Salmon Steam Mapping
Alaska Mining	http://akmining.info	Federal + State Claims
Alaska Minerals Data	http://akgeology.info	Federal, State Resource
State Recorder's Office	http://www.dnr.state.ak.us/recorders/search.cfm	Statewide Recording Data with plats on-line

Interior Alaska Ortho Project	http://www.tananachiefs.org/maps/	State and Native Corp Coop Ortho 6mm acres
Forest Health	http://www.dnr.state.ak.us/forestry/insects/surveys.htm	Federal + State Insect & disease mapping
Alaska Cadastral Project	http://cadastral.info	State, local gov parcel project listings.

E. Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc.:

- Dept. of Energy Grant was awarded to expand public access to geo-technical oil and gas well data and to help streamline surface use permitting associated with oil and gas activities.
- Univ. of Alaska SAR Facility: New versions of viewers with WMS ability used to provide inter-active access to statewide remote sensing data.
- Geographic Information Network of Alaska (GINA): Recent innovative application connects two local government property records databases to the State Recorder's database at a parcel level via a web services model.
- Cost savings from multiple Internet map servers accessing a single basemap series stored in Oracle Spatial.
- Alaska representative from the Dept. of Health and Social Services Chairs the GIS Committee of the North American Association of Central Cancer Registries (NAACCR): <http://www.naacr.org/GIS>. The committee sets standards for the use of cancer data with GIS in the United States and Canada.

F. Please provide the following information; (enter N/A if not applicable or unknown; also enter a URL if available on the Internet)

1. GIS mission statement: <http://agdc.usgs.gov> ; <http://asgdc.state.ak.us>
2. GIS Statutory authority: Alaska Statute 09.25.110-09.25.220
3. GIS Coordinator: State & Federal Co-Chair AGDC
4. GIS Coordinating Body: Alaska Geographic Data Committee (AGDC)
5. GIS Personnel Classifications: mixed (Cartographers, Analyst/Programmers, etc.)
<http://www.jobs.state.ak.us/>
6. GIS Data Distribution Policy: regulation: 6AAC Chapter 96 Public Information
7. GIS Data Standards: <http://agdc.usgs.gov>
8. GIS Budget (including grants, etc.):
9. Other policies, publications, RFP's, etc.:

Contact Information:

Gene Trobia
State Cartographer
Arizona State Cartographer's Office
1616 West Adams Street
Phoenix, AZ 85007
Phone: 602-542-3190
Fax: 602-542-2600
Email: gtrobia@land.az.gov



State GIS Clearinghouse URL: <http://www.land.state.az.us/alris/>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Establishing and maintaining the Arizona FIRE MAP.
2. Creating a state portal to allow data sharing and GIS services.
3. Establishing geodetic control to integrate state and local data.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Acquiring and distributing statewide digital ortho imagery.
2. Establishing the Arizona GIS Map and AGIC Portal.
3. Establishing an Arizona Height Modernization Program.

C. Describe the 3 most significant geospatial challenges for your state:

1. Updating state statutes and policies to promote data sharing.
2. Developing updated and spatially accurate street centerlines with address ranges and linear referencing.
3. Developing and implementing adequate enterprise architecture standards.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

- IPA with USGS to work on the NSGIC/NACo/USGS National Map Partnership Project.
- CTM grant to create an Arizona clearinghouse as part of the National Map.
- NGS State Advisor Program.
- Working with the Arizona Professional Land Surveyor's Association to develop a new designation of Geospatial professional.
- Cooperative effort with US Bureau of Census, USGS, federal, state and local agencies to acquire statewide digital ortho imagery.
- Cooperative project with State Foresters Office, USFS, University of Arizona Center for Remote Sensing, Dept. of Emergency & Military Affairs, Governor's Office and other agencies to implement and maintain The Arizona FIRE MAP.
- Working with USGS to complete the National Map Hydro dataset for Arizona.

E. Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc.:

- The creation of the Arizona FIREMAP to manage forest health and fuels treatment programs and a Spatial Analysis Project to assess fire risks statewide.
- AGIC Portal will be the State's first clearinghouse to allow data downloads.
- Coordinating with USGS to partner on the Census contract to acquire digital ortho imagery and put it into Public Domain.

F. Please provide the following information; (enter N/A if not applicable or unknown; also enter a URL if available on the Internet)

1. GIS mission statement: The mission of the Arizona Geographic Information Council (AGIC) is to coordinate the development and management of geographic information in Arizona. AGIC promotes the use of GIS and related technologies to address problems, develop plans, and manage the natural, economic and infrastructure resources of the state.
2. GIS Statutory authority: The Arizona Land Resources Information System and the Arizona State Cartographer's Office are established by Arizona Revised Statutes and Arizona Geographic Information Council was established by Executive Order.
3. GIS Coordinator: Arizona State Cartographer's Office.
4. GIS Coordinating Body: Arizona Geographic Information Council (AGIC).
5. GIS Personnel Classifications: GIS position descriptions have been incorporated into generic IT positions. When recruiting, specific GIS characteristics may be identified.
6. GIS Data Distribution Policy: State statute currently prohibits distribution of data without considering the commercial value of the data. Data sharing between agencies and sharing some data via a Portal with the public are being pursued.
7. GIS Data Standards: FGDC standards are adopted by the State (unless a specific standard is deemed not in the best interests of the state).
8. GIS Budget (including grants, etc.): The budget for the Arizona Land Resources Information System, the State Cartographer's Office and the Arizona Geographic Information Council (statewide GIS) is approximately \$660,000. There is approximately \$120,000 in a non-lapsing Revolving Account for data development and acquisition and to hold an annual State GIS Conference. There is also about \$300,000 in current grant funding. This only includes statewide GIS budgets and does not include budgets for state agencies conducting departmental GIS.
9. Other policies, publications, RFP's, etc.: Mapping Arizona 2005 is in print and available on-line and the current AGIC Annual Work Plan is available on-line.

Contact Information:

Shelby D Johnson
State Geographic Information Coordinator
Arkansas Geographic Information Office
Office of Information Technology
124 West Capitol Ave, Suite 200
Little Rock, AR 72201
Phone: 501-682-2767
Fax: 501-682-2040
Email: shelby.johnson@arkansas.gov



State GIS Clearinghouse URL: <http://www.gis.state.ar.us>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. General revenue funding was renewed by the 85th session of the Arkansas General Assembly. This was in part a result of high profile GIS activity in support of statewide public education reforms taking place in the state. The Office organized, prepared, and analyzed data for members of the legislature and the Governor's Office. Website: <http://www.facilitymaps.state.ar.us/>
2. The GIS data clearinghouse location was moved and a major revision to the user interface is near complete.
3. Completed two successful National Map pilot projects.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Complete a revision of the State's GIS Strategic Plan.
2. Continued education of state and local policy makers about the strategic use of GIS.
3. Aligning local, state and federal data development objectives.

C. Describe the 3 most significant geospatial challenges for your state:

1. Identifying a sustainable source of revenue for local data development and maintenance.
2. Continued education of state and local policy makers about the strategic use of GIS.
3. Aligning local, state and federal data development objectives.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

The state is revising digital orthoimagery statewide through a major cooperative effort beginning in 2006. Arkansas continues strong geospatial partnerships with the USGS, Census Bureau, and FEMA. At the state level many state agencies are building state and local level data for a variety of applications. These activities are frequently highlighted under the News section located at <http://www.gis.state.ar.us>

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

State Stakeholders believe we have one of the best GIS data clearinghouses in the nation.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown):

1. GIS mission statement: The Arkansas State Land Information Board coordinates geographic information programs and delivers data products and education, improving resource management, health, safety, and decision making for economic development across Arkansas.
2. GIS Statutory authority: Arkansas Code 15-21-501, http://www.gis.state.ar.us/ASLIB_index.htm
3. GIS Coordinator: Arkansas Code 15-21-503
4. GIS Coordinating Body: Arkansas Code 15-21-503
5. GIS Personnel Classifications: Classifications pending final approval by the Office of Personnel Management
6. GIS Data Distribution Policy: The AGIO has recommended to the State Land Information Board to adopt the FGDC Guidelines for Providing Appropriate Access to Geospatial Data in Response to Security Concerns as a state guideline for distributing data.
7. GIS Data Standards: http://www.gis.state.ar.us/Documents/Standards_index.htm
8. GIS Budget (including grants, etc.): \$719,066

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No, the state does not publish a newsletter at this time. Frequently, GIS related news and information is published on the state's web site at <http://www.gis.state.ar.us>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

The State released a request for proposals to acquire an updated digital orthoimagery covering all of Arkansas. The project is slated to begin in early 2006. Pending funding and approval, the state is preparing to initiate a grant program for counties to develop standard road centerline data in order to accelerate the completion of road centerline throughout Arkansas.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

The Arkansas State Land Information Board has not designated an official custodian for each framework layer. The responses indicated represent knowledgeable contacts.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Learon Dalby	AGIO	501-628-2929	learon.dalby@arkansas.gov
Elevation	Kim Bogart	AGIO	501-682-2932	kim.bogart@arkansas.gov
Geodetic Control	Cotton Green	State Surveyor	501-324-9168	landsurvey@aristotle.net
Transportation	Sharon Baker	AHTD	501-569-2066	sharon.baker@arkansashighways.com
Boundaries	Sharon Baker	AHTD	501-569-2066	sharon.baker@arkansashighways.com
Hydrology	N/A			
Cadastral	Richie Pierce	AGIO	501-682-2937	richie.pierce@arkansas.gov

Contact Information:

John Ellison
Agency Information Technology Officer
California Resources Agency
1416 9th St., Suite 1311
Sacramento, CA 95814
Phone: (916) 653-2238
Fax: (916) 653-7738
Email: john.ellison@resources.ca.gov



State GIS Clearinghouse URL: <http://gis.ca.gov>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Brokered collaborative purchase of statewide, 1-meter, natural color (NAIP) orthoimagery.
2. GIS governance and coordination addressed in State IT Strategic Plan.
3. California GIS Council survived another year.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Appoint a State Geospatial Information Officer.
2. Expand participation in and activity of California GIS Council.
3. Develop GIS data plan for California.

C. Describe the 3 most significant geospatial challenges for your state:

1. Obtain executive sponsorship for GIS council.
2. Obtain funding for enterprise GIS efforts and initiatives.
3. Foster robust and productive engagement of local interests through regional collaboratives.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

State agencies partnered with USGS and USDA on collaborative purchase of statewide orthoimagery. The USDA's National Agricultural Imagery Program offered this opportunity.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

Released Request for Information for Emergency Response Imagery Service (see announcement at www.gio.ca.gov).

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: See <http://gis.ca.gov/council/> for details.
2. GIS Statutory authority: None.
3. GIS Coordinator: No official appointment at this time. CERES Director is currently acting in this capacity (www.ceres.ca.gov).
4. GIS Coordinating Body: California GIS Council (<http://gis.ca.gov/council/>)
5. GIS Personnel Classifications: Research Analyst (GIS) I and II, Research Program Specialist (GIS) I – III, Research Manager (GIS) I – III; see http://www.spb.ca.gov/employment/class_specs.htm for details.

6. GIS Data Distribution Policy: We support the Open Data Consortium by way of developing and promoting the use of data distribution policies (www.opendataconsortium.org).
7. GIS Data Standards: FGDC metadata standards for clearinghouse (www.ceres.ca.gov). There is an attempt to adhere to Federal standards where possible and appropriate. Otherwise, "standards" applied on organization by organization basis.
8. GIS Budget (including grants, etc.): There is no specific GIS budget for California State agencies. Costs related to GIS are typically buried in program budgets. Other GIS policies, publications, RFP's, etc.:

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Not really. Statewide GIS news is offered on one of three web sites (www.ceres.ca.gov , <http://gis.ca.gov/council/>, <http://gio.ca.gov/>, and www.cgia.org).

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

See answer to "D" above.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

California has no official custodians for framework layers at this time.

J. Other comments:

California has ample opportunity to improve coordination of its enterprise GIS efforts. Significant work is being accomplished by regional groups and organizations like the California Geographic Information Council (www.cgia.org), Urban and Regional Information Systems Association (www.urisa.org), Bay Area Automated Mapping Association (www.baama.org), and others.

Contact Information:

Jon Gottsegen
State GIS Coordinator
Colorado Department of Local Affairs
1313 Sherman Street
Room 423
Denver, CO 80203
Phone: 303-866-3925
Fax:
Email: jon.gottsegen@state.co.us



State GIS Clearinghouse URL: www.aclin.org

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. State GIS Coordinator began work in October, reinstated state agency GIS group, and became an FTE position.
2. NAIP photography partnership.
3. Initiated National Map site at Department of Natural Resources.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Stand up state GIS portal starting with directory of GIS projects and data.
2. Initiate GIS council composed of public and private sectors.
3. Develop data exchange agreements with counties.

C. Describe the 3 most significant geospatial challenges for your state:

1. Lack of consistent budget.
2. Lack of staff and resources.
3. "State is bad" mentality among local governments.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

Colorado Dept. of Natural Resources is deploying a National Map node, and the State will be signing an NSDI agreement with USGS. We are entering into data exchange agreements of various sorts with counties ranging from providing data as needed to state coordinator signing one agreement with county and brokering data to other agencies.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

The state is investigating and testing methods and protocols for sharing data with local governments for emergency management using the Project Homeland model. The Dept. of Public Health and Environment is testing using the EPA's data exchange node for spatial data. We will be signing single data sharing agreements between local entities and the State as an entity rather than multiple agreements for various agencies on the state side.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: N/A

2. GIS Statutory authority: Some limited rule-making authority exists in the Information Management Commission (IMC) although it hasn't been used for GIS policy or guidelines.
3. GIS Coordinator: Jon Gottsegen
4. GIS Coordinating Body: An informal group of state agency GIS staff meets quarterly to discuss pertinent GIS issues in state government. We are considering expanding this group to be more formally recognized (www.covl.org/sagis) and/or developing a council composed of public and private sector representatives
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: The policy developed by an older incarnation of the state agency group, and relying on voluntary "compliance" rather than any official authority, is listed on www.covl.org/sagis/dataexchange.htm. The newly formed group should reevaluate the existing standard for information exchange.
7. GIS Data Standards: www.covl.org/sagis/standards.htm
8. GIS Budget (including grants, etc.): Approximately \$350,000 in grant money this year
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

We are currently in a state-federal cooperative project to acquire NAIP imagery (statewide, 1 meter natural color). Another project under consideration is a multi-agency purchase of TeleAtlas or other addressable centerline database.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Colorado has no official custodians for framework layers at this time.

J. Other comments:

Colorado now has a fulltime, permanent State GIS Coordinator. We hope that this will allow the state to exert leadership on coordinating projects between agencies and among different levels of government.

Contact Information:

Steven O. Fish
Director
CT Department of Environmental Protection
79 Elm Street
Hartford, CT 06106
Phone: 860-424-3642
Fax: 860-424-4058
Email: steve.fish@po.state.ct.us



State GIS Clearinghouse URL: Planned for deployment within the next three months, a website for the newly formed statewide coordinating council known as the CT Geospatial Information Systems Council.

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Establishment of formal state geospatial council for Connecticut, first through issuance of Governor's order in January '05 creating 13 member "Governor's Interim Geospatial Council," followed in July '05 by passage of legislation creating permanent "Geospatial Information Systems Council" with minimum of 21 members, primarily representing state agencies, plus public universities, municipalities, and regional planning organizations.
2. Completion of TOPOFF 3 Homeland Security exercise in April '05; systems developed for exercise allowed participants to display and analyze variety of geospatial data from both public and private sources.
3. Delivery of statewide orthophotography from 2004 flight (first time since 1992 Connecticut has had public domain statewide imagery).

B. Describe your state's top 3 geospatial goals for the coming year:

1. Proceed with development of state geospatial portal (project initiated as part of TOPOFF 3 exercise).
2. Conclude formal business of interim Council and deliver report to Governor; begin work of permanent Council, and prepare that group's first report for legislature.
3. Complete development of standard viewing and downloading channels for '04 statewide orthophotography, plus associated elevation data.

C. Describe the 3 most significant geospatial challenges for your state:

1. Balancing recent state Supreme Court's ruling in favor of public access to geospatial data with need for legitimate security-based restrictions.
2. Funding development of additional framework data layers that complement and build on state's new orthophotography.
3. Achieving smooth transition from interim Council to permanent Council.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

"High Res" NHD work with USGS ongoing; several state agencies and Federal Highway Administration participating in funding of 2004 orthophotography flight.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

DEP has begun major new project to link and standardize information on regulated facilities. Project includes developing new and improved version of DEP's Intranet web mapping application (ECO).

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: Established by Executive Order No. 4, the Governor's Interim Geospatial Council is charged to coordinate and promote technology and sharing of geospatial information. Specifically, the mission of the Governor's Interim Geospatial Council, hereafter referred to as the GIGC, is to promote technology and sharing of geospatial information.
2. GIS Statutory authority: Section 84 of Public Act 05-3 created permanent Geospatial Information Systems Council, established July '05
3. GIS Coordinator: Steve Fish, Chair, Governor's Interim Geospatial Council
4. GIS Coordinating Body: Governor's Interim Geospatial Council, established Jan. '05, to be replaced by Geospatial Information Systems Council
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: N/A
7. GIS Data Standards: N/A
8. GIS Budget (including grants, etc.): No standard budget; funding from various sources within different agencies
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Nothing specific at this time.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

The following is suggested contact info; the agencies have to decide if we want to set a precedent for this.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Deborah Dumin and/or Robert Baron	DEP/DOT		
Elevation	see above	DEP/DOT		
Geodetic Control	Robert Baron	DOT		
Transportation	James Spencer	DOT		
Boundaries		N/A		
Hydrology	Diana Danenberg	DEP		
Cadastral		N/A		

Contact Information:

Michael B. Mahaffie
Principal Planner
Delaware Office of State Planning Coordination
540 S. DuPont Hwy
3rd Floor, Suite 7
Dover, DE 19901
Phone: (302) 739-3090
Fax: (302) 739-6958
Email: mike.mahaffie@state.de.us



State GIS Clearinghouse URL: <http://www.nsd.edu>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Completed migration of Delaware DataMIL (Framework Data Portal) from development site at University of Delaware to production environment within Department of Technology and Information.
2. With USGS, funded and completed NHD for all CU's that include Delaware and deployed NHD data as part of Framework.
3. Won approval from several levels of state government administration for draft legislation (See Question J.) to formalize GIS coordination in the state.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Completion of statewide, county-maintained address point data to supplement road centerline address-range data.
2. Completion of a public/private partnership with TeleAtlas to conflate local, state, and private sector road centerline and address data into a regularly updated addressed centerline data set (to supplement point address data).
3. Re-evaluation of existing Delaware Spatial Data Framework.

C. Describe the 3 most significant geospatial challenges for your state:

1. Lack of central directed geospatial data funding.
2. Lack of clear spatial data coordination authority.
3. Need to create a centrally managed, yet dispersed enterprise-like set of geospatial data tools and resources.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

We continue to partner with the USGS on major data projects involving elevation data and hydrological data.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

The Delaware Dept. of Transportation, working with GeoDecisions, is implementing web-mapping tools to organize road planning and maintenance across the entire department.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: A "Problem Statement" approved by the Delaware Spatial Data Framework Implementation Team:
http://www.state.de.us/planning/coord/dgdc/it_problem.htm
2. GIS Statutory authority: 29 Delaware Code, §9101(g)(4) Delaware Geographic Data Committee and Comprehensive State Planning Database System.
http://www.delcode.state.de.us/title29/c091/sc01/index.htm#P15_157
3. GIS Coordinator: Michael B. Mahaffie
4. GIS Coordinating Body: Delaware Spatial Data Implementation Team and the Delaware Geographic Data Committee
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: No defined policy, other than legislative mandate
7. GIS Data Standards: In development
8. GIS Budget (including grants, etc.): None.
9. Other GIS policies, publications, RFP's, etc.: Senate Bill 186 was introduced to further formalize and codify GIS coordination activities in the state.
<http://www.legis.state.de.us/LIS/lis143.nsf/vwLegislation/SB+186?Opendocument>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

The Delaware Geographic Data Committee listserve and web site (www.state.de.us/planning/dgdc/) serves as a continually updated on-line news source.

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)?

Agreement with EarthData International to collect statewide orthophotography in the spring of 2007 and to derive land use and land cover from that photography.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Mike Mahaffie	State Planning Office/	302-739-3090	mike.mahaffie@state.de.us www.state.de.us/planning/info/ortho.shtml
Elevation and Geodetic Control	Sandy Schenck	DE Geological Survey	302-831-8262	rockman@udel.edu www.udel.edu/dgs
Transportation	Don Burris	Delaware DOT	302-760-2629	don.burris@state.de.us www.deldot.net/static/pubs_forms/GIS/centerline/
Boundaries	Miriam Pomilio	Delaware Geological Survey	302-831-8967	pomilio@UDel.Edu www.state.de.us/planning/info/outline.shtml
Hydrology	Deborah Sullivan	DE DNREC	302-739-9021	deborah.sullivan@state.de.us
Cadastral	Pat Susi	New Castle Co.	302-395-5557	pwsusi@co.new-castle.de.us
	Mike Ward	Kent Co.	302-744-2417	mike.ward@co.kent.de.us
	Matt Laick	Sussex Co.	302-855-1176	mlaick@sussexcounty.net

DISTRICT OF COLUMBIA

Contact Information:

Barney Krucoff
GIS Director
Office of the Chief Technology Officer (OCTO)
441 4th Street NW, Suite 930
Washington, DC 20001
Phone: 202-727-9307
Fax: 202-727-9307
Email: barney.krucoff@dc.gov



State GIS Clearinghouse URL: <http://dcgis.dc.gov>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Established a master address repository.
2. Deployed first enterprise web services.
3. Formalized a federated data model.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Create a GIS portal/clearing house by improving <http://dcgis.dc.gov>
2. Implement the federated data model.
3. Complete a vector property map, add units to the master address repository, and complete a planimetric update (1:1200).

C. Describe the 3 most significant geospatial challenges for your state:

1. Integrating GIS into agency business processes.
2. Emergency preparedness/homeland security: Is the GIS really ready for what could happen here?
3. Distributed (federated) data editing that maintains accuracy and topological relationships between data sets maintained by disparate agencies.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

1. National Capital Region Geospatial Interoperability Project through the Washington Metropolitan Council of Governments.
2. Ongoing cooperation with the United States Geological Survey on framework layers.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

The Office of the Chief Technology Officer GIS group is expanding the reach of GIS technology in the District's business processes by launching a series of light-weight, stateless web services developed with .NET. These services take in simple strings and return XML. Service include basic GIS functions such as address geocoding using our master address repository, map requests, and spatial operations such a as point-in-polygon queries. We are also demonstrating delivery of these services through an enterprise service bus using a US Department of Homeland Security ITEP grant.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: Improve the delivery of services by District of Columbia agencies by helping them to efficiently utilize GIS technology
2. GIS Statutory authority: Mayor's Order #2002-27, dated February 4, 2002, establishing the District of Columbia GIS Steering Committee.
3. GIS Coordinator: Barney Krucoff, GIS Director, Office of the Chief Technology Officer
4. GIS Coordinating Body: GIS Steering Committee
5. GIS Personnel Classifications: Under development
6. GIS Data Distribution Policy: OCTO GIS serves as the central repository data for all published District data, and provides web distribution services. The DC Office of Planning (OP) also provides data at low cost and provides CD data distribution and hard copy mapping services. Consistent with the District of Columbia Official Code (2001 Edition, Division I. Government of District. Title 2. Government Administration. Chapter 5. Administrative Procedure. Subchapter II. Freedom of Information), DC GIS shall normally make digital data available to all District and Federal agencies and the public at large at no cost, subject to security, confidentiality and licensing restrictions. When substantial costs are incurred, agencies may charge fees up to the amount of those costs. This policy sets up three levels of data distributions: public, government, and restricted.
7. GIS Data Standards: District of Columbia GIS Federated Data Model document.
8. GIS Budget (including grants, etc.): Approximately \$3 million per year.

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes, <http://dcgis.dc.gov>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

DC is a densely developed jurisdiction of approximately 69 square miles. As a result, our major geospatial datasets are relatively mature. Almost all framework layers are in their second or third generation of regular production. Please consult our data catalog for the latest information.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

DC operates a one-stop shop for geospatial data. For all geospatial data inquires, including framework layers, please contact:

Mario Field
 GIS Data Coordinator
 Office of the Chief Technology Officer
 441 4th Street NW, Suite 930
 Washington, DC 20001
 Phone: 202-727-1761
 Email: Mario.Field@dc.gov

J. Other comments:

The District of Columbia is a unique government that incorporates state, county, and municipal functions. It is our belief that this unique perspective will prove valuable to our partners in NSGIC.

Contact Information:

Michael Perdue
Assistant Administrator
Division of IT, Georgia DOT
Office of IT Applications
276 Memorial Drive SW
Atlanta, Georgia 30303
Phone: 404.463.2860, x105
Fax:
Email: Mike.Perdue@dot.state.ga.us



State GIS Clearinghouse URL: www.gis.state.ga.us

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Created the Natural, Archeological and Historic Resource GIS (NAHRGIS). NAHRGIS is an online reporting and maintenance tool used for planning and data gathering.
2. Updated the DLG-F Road Centerline data and synced it with GDOT Road Characteristics File.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Establish a state GIO Position.
2. Establish a statewide contracting mechanism for GIS software.
3. Create higher resolution DEMs for the state.

C. Describe the 3 most significant geospatial challenges for your state:

1. Funding remains a general challenge for all State activities as tax revenue continues to decline and Georgia, like many other states, is faced with budget cuts and fiscal constraints.
2. Intergovernmental coordination. A continuing challenge for the State is coordinating the successes of the local government GIS programs with those of State agencies and our federal partners.
3. Interagency coordination. With so many mandates to collect information coming down to the state agencies many are finding it difficult not to be replicating information. This is where we feel that a GIO will improve communication.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- Coordination with the U.S. Bureau of the Census on the Boundary & Annexation Survey, and the TIGER Modernization project.
- The NAHRGIS information system was created from funding by the FHWA, oversight was provided by the States GIS Coordinating Committee which set up a technical advisory board of agency stakeholders for that purpose.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

The GISCC is working with Georgia Technology Authority procurement staff to establish enterprise contract for procurement of off the shelf imagery products and for GIS software. It is anticipated that this effort will greatly reduce overall expenditures for GIS-related

purchases.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: The GIS Data Clearinghouse will make the application of spatial information technologies within the State of Georgia more efficient by eliminating the duplication of spatial data production and distribution through effective cooperation, standardization, communication, and coordination.
<http://gis.state.ga.us/Clearinghouse/Resources/Mission/mission.html>
2. GIS Statutory authority: Georgia Technology Authority
3. GIS Coordinator: Michael Perdue
4. GIS Coordinating Body: GISCC
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy:
<http://gis.state.ga.us/Coordination/Documents/documents.html>
7. GIS Data Standards:
<http://gis.state.ga.us/Coordination/Documents/documents.html>
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

N/A

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

We are in preliminary discussions to partner with the USGS to create at least a 10-meter DEM statewide.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	N/A			
Elevation	N/A			
Geodetic Control	N/A			
Transportation	Jane Smith	GDOT	770-986-1360	Jane.Smith2@dot.state.ga.us
Boundaries	Terry Jackson	DCA	404-679-4946	tjackson@dca.state.ga.us
Hydrology	N/A			

Contact Information:

Craig Tasaka
GIS Program Manager
Dept. of Business, Economic Development
and Tourism
Office of Planning
PO Box 2359
Honolulu, HI 96804
Phone: (808) 587-2894
Fax: (808) 587-2899
Email: ctasaka@dbedt.hawaii.gov



State GIS Clearinghouse URL: <http://clearinghouse3.fgdc.gov/> (click fgdc node)

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Updating of the State of Hawaii I-Plan (still in progress).
2. Continued to fill in DOQQ gaps.
3. Some aerial photography and LiDAR data collected under a NOAA grant.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Raising our profile to gain recognition at all levels of state government.
2. Finding funding sources to update and improve data layers.
3. Planning and coordinating a Statewide GIS Conference.

C. Describe the 3 most significant geospatial challenges for your state:

1. Cloud cover – inhibits collection of remotely sensed data (e.g. imagery, LiDAR).
2. Consistent sources of funding.
3. Administrative support.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

The National Map, the Hawaii I-Plan and Height Modernization Project

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

N/A

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown):

1. GIS mission statement: The Office of Planning GIS Program leads a multi-agency effort to establish, promote, and coordinate the use of geographic information systems (GIS) technology among Hawaii State Government agencies. The State Office of Planning is responsible for the planning and coordination of activities that are critical to the State's enterprise GIS. The primary goal of the Statewide GIS Program is to improve overall efficiency and effectiveness in government decision-making.
2. GIS Statutory authority: Chapter 225M, Hawaii Revised Statutes
3. GIS Coordinator: Craig Tasaka
4. GIS Coordinating Body: Hawaii Geographic Information Coordinating Council

5. GIS Personnel Classifications: N/A at the State level; three of the four counties have classifications in place.
6. GIS Data Distribution Policy: Anything considered public information is free.
7. GIS Data Standards: Loosely follow National Map Accuracy standards.
8. GIS Budget (including grants, etc.): Minimal
9. Other GIS policies, publications, RFP's, etc.

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Budget requests to carry out such activities have not been approved at this time.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Pat Shade	USDA/NRCS	808-541-2600	Patricia.shade@hi.usda.gov
	Henry Wolter	USGS	808-587-2409	hwolter@usgs.gov
Elevation	Ed Carlson	NGS	808-532-3205	Ed.Carlson@noaa.gov
Geodetic Control	Ed Carlson	NGS	808-532-3205	Ed.Carlson@noaa.gov
Transportation	Goro Sulijoadikusumo	Hawaii DOT	808-587-1839	Goro.Sulijoadikusumo@hawaii.gov
Boundaries	Henry Wolter	USGS	808-587-2409	hwolter@usgs.gov
	Craig Tasaka	Office of Planning	808-587-2894	ctasaka@dbedt.hawaii.gov
Hydrology	Henry Wolter	USGS	808-587-2409	hwolter@usgs.gov
Cadastral	Ken Schmidt	Honolulu	808-527-6012	kschmidt@honolulu.gov
	Bill Medeiros	Mauai County	808-270-7518	mauigis@maui.net
	Lisa Nahoopii	Hawaii County	808-327-3630	lnahoopii@co.hawaii.hi.us
	Harry Beatty	Kauai County	808-41-6273	hbeatty@kauai.hawaii.gov

Contact Information:

Nathan Bentley
State GIS Coordinator
Department of Administration – ITRMC Staff
650 West State Street Room 100
PO Box 0042
Boise, ID 83720-0042
Phone: 208-332-1879
Fax: 208-334-2307
Email: nbentley@adm.idaho.gov



State GIS Clearinghouse URL: <http://www.insideidaho.org>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Review and Acceptance of the FSA Idaho 2004 NAIP imagery.
2. Completed draft NHD line work for nearly all of Idaho.
3. Integrated GIS importance into State IT Enterprise Plan.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Welcome a new USGS liaison to Idaho.
2. Completed the feasibility study of creating a State GIS Service Center.
3. Modernizing the State I-Plan.

C. Describe the 3 most significant geospatial challenges for your state:

1. Data Sharing between Local, State and Federal Governments.
2. Funding of core data development and Geospatial Clearinghouse.
3. Areas of Authority or Responsibility.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- A Regional partnership with Coeur d'Alene Tribe, Benewah County Kootenai County USGS and others on the collection and processing of LiDAR data for the Tribal Lands.
- Partnered with IDWR, USGS and others on the completion and maintenance of NHD in Idaho.
- Nez Perce Tribe participation in National Map.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

2005 has been a quiet year with the focus on getting data to our partners from the 2004 NAIP Flights.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown ;)

1. GIS mission statement: The mission of the Idaho Geospatial Committee is to provide a forum for the GIS community to facilitate the use, development, sharing and management of geospatial data; and to communicate the value of geospatial information to citizens and decision-makers.

2. GIS Statutory authority: Ground Water Protection Act of 1989 states that IDWR “has the responsibility to maintain the natural resource GIS for the state.” (Idaho Code 39-120) Governor Executive order 2001-07 established the Idaho Geospatial Committee.
3. GIS Coordinator: Nathan Bentley – www.itrmc.idaho.gov
4. GIS Coordinating Body: Idaho Geospatial Committee formed by Executive Order 2001-07. http://www2.state.id.us/gov/mediacenter/execorders/eo01/eo_2001_07.htm and <http://www2.state.id.us/itrmc/committees.htm#IGC>
5. GIS Personnel Classifications: <http://www.dhr.state.id.us/jobdescriptions.asp?letter=G>
6. GIS Data Distribution Policy: N/A
7. GIS Data Standards: <http://www2.state.id.us/itrmc/plan&policies/standards.htm>
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP’s, etc.: <http://www2.state.id.us/itrmc/plan&policies/policies.htm>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

None

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

None that are planned yet.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC “framework” layer in your state. If there are no official custodians for a particular layer, please use N/A.

There are no official custodians for any but Hydrology and PLSS all others are Framework Technical working group chairs.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Nathan Bentley	ITRMC		Nathan.bentley@adm.idaho.gov
Elevation	Tracy Fuller	USGS		tfuller@usgs.gov
Geodetic Control	Tom Spencer	BLM		tspencer@id.blm.gov
Transportation	Dave Christianson	Kootenai County GIS		dchristianson@co.kootenai.id.us
Boundaries	Sheldon Bluestein	Ada County Assessors Office		asbluesr@adaweb.net
Hydrology	Linda Davis	IDWR		Linda.davis@idwr.idaho.gov
Cadastral	Michael Ciscell	IDWR		Michael.ciscell@idwr.idaho.gov

Contact Information:

Sheryl Oliver
 GIS Coordinator, Illinois Geographic Information Council
 and State GIS Domain Leader
 Illinois Department of Natural Resources
 One Natural Resources Way
 Springfield, Illinois 62702
 Phone: 217-785-8586
 Fax: 217-782-5016
 Email: soliver@dnrmail.sate.il.us

**State GIS Clearinghouse URL:**

<http://www.isqs.uiuc.edu/nsdihome/ISGSindex.html>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. GIT is a component of the recent IT Consolidation, Governance and Rationalization Initiative for the State of Illinois. The GIS Domain is preparing an Enterprise GIS Strategic Plan for the State that is comprised of Business, Data, Service and Technical Reference Models as well as the NSGIC nine criteria for Coordination.
2. Imagery Activities:
 - a. Successful acquisition of statewide 2005 leaf-off aerial photography. The completed digital orthophotography will be delivered to the state in late 2005, and includes 1x1 foot ground resolution natural color orthos for the 6-county Chicago metro area, with 1½ x1½ foot ground resolution black-and-white orthos for the remaining 96 Illinois counties.
 - b. The USDA-FSA acquired first-time statewide National Agricultural Imagery Program (NAIP) color infrared digital orthoimagery for Illinois during the 2004 summer months.
3. Continued digitization on-line distribution of Illinois historical aerial photographs from the late 1930's/early 1940's facilitated by a federal Institute for Museum and Library Services grant (45 of 102 counties have been scanned and digitized in high-precision).
4. The Illinois Department of Transportation is engaged in developing I-ROADS. This Transportation Framework dataset, and all the processes and procedures involved is the prototype for implementing the Data Stewardship concept for intra and inter-agency needs. IDOT has also purchased a State license for road data.

B. Describe your state's top 3 geospatial goals for the coming year:

1. After the Enterprise GIS Strategic Plan is complete (September 2005), we will begin to strengthen coordination activities through ILGIC; define/expand the "Data Stewardship concept to develop and maintain more Framework datasets; and, through the Enterprise develop a GIS Portal.
2. Begin on-line distribution of 2005 DOQs via the Illinois Clearinghouse web site. New orthoimagery for Illinois was collected in the early months of 2005 and initial funding has been secured from State agencies (Illinois Environmental Protection Agency and Illinois Dept. of Public Health) to support data distribution.
3. Continue to raise the level of awareness within state government about the importance of long-term program support for GIT activities within the State of Illinois.

C. Describe the 3 most significant geospatial challenges for your state:

1. Established NSGIC 9 criteria for State coordination (people, programs, position and funding).
2. Implement data Stewardship concept.
3. GIT visibility in new IT Governance and Rationalization Initiative for the State.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

The effort to obtain and distribute 2005 DOQs for the entire State of Illinois has involved collaboration of fifteen Federal, State and Local partners. Also, in response to the 2005 NSDI Cooperative Agreements Program (CAP) call for proposals, the Illinois State Geological Survey (ISGS) submitted a proposal (DOQ Distribution efforts-Collar Counties in Illinois) to the FGDC. The proposal was endorsed by the Illinois Mapping Advisory Committee and the Illinois Geographic Information Council.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

N/A

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: <http://www.illinois.gov/ilgic>
2. GIS Statutory authority: <http://www.illinois.gov/ilgic>
3. GIS Coordinator: <http://www.illinois.gov/ilgic>
4. GIS Coordinating Body: <http://www.illinois.gov/ilgic>
5. GIS Personnel Classifications: <http://www.state.il.us/cms>
6. GIS Data Distribution Policy:
7. GIS Data Standards:
8. GIS Budget (including grants, etc.):
9. 9. Other GIS policies, publications, RFP's, etc. www.ilgisa.org

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Online edition at www.ilgisa.org.

H. Is your state planning any major data development or data acquisition projects in the next two years)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

A flurry of geocoding to produce new databases for the majority of agencies.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Don Luman	ISGS	217-244-2179	luman@isgs.uiuc.edu www.isgs.uiuc.edu/nsdihome/
Elevation				
Geodetic Control	Chris Pearson	IDOT		Chris.pearson@noaa.gov
Transportation	Mark Kincaid	IDOT		kincaidmd@dot.il.gov
Boundaries	Ken Lovett	Revenue		klovett@revenue.state.il.us
Hydrology	Chris Jennings	State Water Survey		cpher@uiuc.edu
Cadastral	N/A			

Contact Information:

Jill Saligoe-Simmel, Ph.D.
 Executive Director
 Indiana Geographic Information Council, Inc.
 140 North Senate Avenue, Room 306
 Indiana State Library, GIS
 Indianapolis, IN 46204
 Phone: 317-234-2924
 Fax:
 Email: jsaligoe@iupui.edu



State GIS Clearinghouse URL: www.igic.org

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. In 2005, completed acquisition of statewide color high-resolution orthophotography and elevation models <http://www.in.gov/ingisi/projects/ortho/indexorthos.html>
2. Implementation of the [IndianaMap Viewer](#) (demonstration project - part of The National Map), [IndianaMap Map Services](#) (offering open web map services of our statewide framework data), [IndianaMap Data Library](#) (NSDI Data Clearinghouse) and significant progress regarding [IndianaMap Framework Data](#). See www.indianamap.org
3. Education and outreach activities including a monthly GIS Seminar Series, GIS Road Show <http://www.in.gov/ingisi/class/index.html>, Annual GIS Conference, production of Indiana GIS "Real World" Success Stories <http://www.in.gov/ingisi/realworld/index.html>, and a major overhaul of our web organization and content.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Execute IndianaMap Data Sharing Agreements and integrate additional local data into the IndianaMap.
2. Make accessible over 7Tb of 2005 orthophotography and elevation model data through geodatabase and Web Map Services, as part of the IndianaMap.
3. In 2004 NSGIC released its [State Model for Coordination of Geographic Information Technology](#). Make at least 20% improvement toward meeting all nine of the NSGIC Coordination Criteria for our statewide coordinating council.

C. Describe the 3 most significant geospatial challenges for your state:

1. IGIC does not meet 4 (or 5) of the 9 NSGIC Coordination Criteria. Most significantly, IGIC lacks sustainable funding sources to meet projected needs; and
2. Integrating local government data into the IndianaMap presents significant policy and technology challenges.
3. Maintaining the IndianaMap framework data and services for all users presents significant financial challenges.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

IGIC has significant partnerships (MOU's in place or in-progress) with the Indiana State Library, IUPUI University Library, Indiana Geological Survey, Indiana University UITS, and the U.S. Geological Survey. IGIC is a partnership of all the public and private entities that

sit on the IGIC Board of Directors and participate in our committees and workgroups (IGIC participants log over 3000 volunteer hours per year).

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

Indiana's 2005 Orthophotography Project was an innovative approach to pooled funding, resulting in an estimated 30-40% cost-savings over individual county acquisition of like product.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement:
 - a. Mission: The Indiana GIS Council will lead the effective application of GIS in Indiana for an improved quality of life.
 - b. Vision: All Indiana communities will be safer, healthier, wealthier and wiser because they are part of a robust statewide GIS infrastructure.
 - c. Goals: Coordination of Indiana GIS through dissemination of data and data products, education and outreach, adoption of standards, building partnerships and the IndianaMap.
2. GIS Statutory authority: None
3. GIS Coordinator: Jill Saligoe-Simmel, IGIC Statewide Coordinator
4. GIS Coordinating Body: IGIC
5. GIS Personnel Classifications: None.
6. GIS Data Distribution Policy: N/A
7. GIS Data Standards: <http://www.in.gov/ingisi/standards/index.html>
8. GIS Budget (including grants, etc.):
9. 9. Other GIS policies, publications, RFP's, etc.:

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes, <http://www.in.gov/ingisi/news/>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Refer to: <http://www.in.gov/ingisi/projects/indianamap/frameworkdata.html>

Contact Information:

Alan D. Jensen
 IGIC State GIS Coordinator
 Iowa State University Extension
 105 W. Adams St.
 Suite A
 Creston, IA 50801
 Phone: (641) 782-8426
 Fax: (641) 782-7213
 Email: adjensen@iastate.edu



State GIS Clearinghouse URL: <http://maps.gis.iastate.edu/clearinghouse/>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Online 2004 NAIP ortho-photography, a collaborated effort among the USDA-NRCS, Iowa State University GIS Facility and IGIC.
2. Grant funded metadata (CAP) and remote sensing (NASA/NSGIC) workshop throughout the state.
3. Local Government Innovation Fund Committee (LCIFC) Grant of \$100,000 to an IGIC partner, ICIT (Iowa Counties Information Technology Affiliate) to create a data repository to store and share EMA data.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Partnering with state, federal and local agencies on data acquisition and deployment projects, such as orthophotography and LiDAR.
2. County partnerships with the Iowa DOT's road centerline project.
3. Merge county GIS data repository with IGIC metadata server and links to existing available statewide GIS data.

C. Describe the 3 most significant geospatial challenges for your state:

1. Data and organizational coordination among various levels of government and among agencies.
2. Funding for state-wide data acquisition initiatives, especially orthoimagery and LiDAR possibility.
3. Funding.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

Multiple GIS Conference and workshops throughout the state that are demonstrating the expansive growth and wide application of GIS technology.

- SLUG-fest in Sioux City. SiouxLand Users Group with 125+ attending.
- Eastern Iowa GIS Conference in Waterloo, Iowa, with 150+ attending.
- ICIT 3rd Annual Mid-Year Conference in Des Moines with 130 attendees.
- The Biennial IGIC GIS Conference, August 30-September 2, in Ames, Iowa. (150-200 expected attendance)

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

N/A

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown):

1. GIS mission statement: <http://igic.gis.iastate.edu/>
2. GIS Statutory authority: <http://igic.gis.iastate.edu/>
3. GIS Coordinator: <http://igic.gis.iastate.edu/>
4. GIS Coordinating Body: Iowa Geographic Information Council
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: determined by individual agencies, and state information access law
7. GIS Data Standards: N/A
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

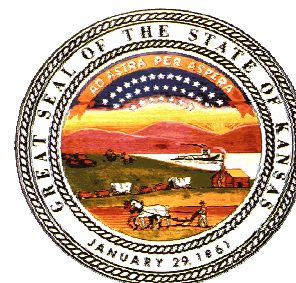
We are presently organizing for statewide orthoimagery acquisition.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Patrick Brown, GIS Analyst	Iowa State University GIS Facility	515-294-7312	http://ortho.gis.iastate.edu/ patrickb@iastate.edu
Elevation	Casey Kohrt, NRGIS Library Manager	Iowa Department of Natural Resources	319-335-1575	http://www.igsb.uiowa.edu/nrgis/libx/ ckahle@igsb.uiowa.edu
Geodetic Control	County by county	County Assessors' Offices		http://www.iowaassessors.com/
Transportation	Thomas Samson, GIS Manager	Iowa DOT	515-239-1828	http://www.dot.state.ia.us/gis/gis_data.htm thomas.samson@dot.state.ia.us
Boundaries	Casey Kohrt, NRGIS Library Manager	Iowa DNR	319-335-1575	http://www.igsb.uiowa.edu/nrgis/libx/ ckahle@igsb.uiowa.edu
Hydrology	Casey Kohrt, NRGIS Library Manager	Iowa DNR	319-335-1575	http://www.igsb.uiowa.edu/nrgis/libx/ ckahle@igsb.uiowa.edu
Cadastral	County by county	County Assessors' Offices		http://www.iowaassessors.com/

Contact Information:

Ivan L. Weichert
GIS Director
Kansas Information Technology Office
900 SW Jackson ST
Room 751
Topeka KS 66612-1275
Phone: (785) 296.0257
Fax: (785) 296.1168
Email: Ivan.Weichert@da.state.ks.us



State GIS Clearinghouse URL: <http://gisdasc.kgs.ku.edu>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Enabled additional web services via Kansas NSDI Clearinghouse.
2. Funded completion of NHD data update and editing.
3. Completed USGS National Map implementation.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Increase adoption of IMS Map Services.
2. Initiate additional framework data updates.
3. Increase adoption of distributed editing of state and local data.

C. Describe the 3 most significant geospatial challenges for your state:

1. Securing adequate and stable funding.
2. Achieve broader cross-agency collaboration.
3. Achieve broader local-state-federal collaboration.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- USGS National Map
- Kansas Geospatial Community Commons

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: <http://da.state.ks.us/gis>
2. GIS Statutory authority: <http://da.state.ks.us/gis>
3. GIS Coordinator: <http://da.state.ks.us/gis>
4. GIS Coordinating Body: <http://da.state.ks.us/gis>
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: <http://gisdasc.kgs.ku.edu>
7. GIS Data Standards: http://gisdasc.kgs.ku.edu/kgss/docs/browse_docs.cfm
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: <http://da.state.ks.us/gis>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Refer to the Kansas Geospatial Community Commons: <http://gisdasc.kgs.ku.edu>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Kansas will be making significant efforts to complete a statewide all-roads network database and encourage counties to share parcel data to a statewide database.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC “framework” layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Ken Nelson	DASC	785-864-2164	nelson@kgs.ku.edu
Elevation	N/A			
Geodetic Control	N/A			
Transportation	Nancy Mattson	KDOT	785-296-2575	nancym@ksdot.org
Boundaries	Wayne Page	KCC	785-271-3299	w.page@kcc.state.ks.us
Hydrology	Travis Rome	NRCS		Travis.rome@ks.nrcs.usda.gov
Cadastral	N/A			

J. Other comments:

Continued participation in NSGIC and our regional groups, MidAmerica GIS Consortium (MAGIC) and MidAmerica Regional Council (MARC), enables Kansas to play a vital role in the collection and distribution of all types of geospatial data and services to Kansas citizens and our many local and federal partners.

Contact Information:

Gary R. Harp
Director
Division of Geographic Information
1025 Capitol Center Drive
Frankfort, KY 40601
Phone: (502) 573-1450
Fax: (502) 573-6549
Email: garyr.harp@ky.gov



State GIS Clearinghouse URL: <http://kygeonet.ky.gov/>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Implementation of KYRASTER/KYVECTOR for GIS Professionals on the State's WAN.
2. Linkage of the Commonwealth Map to the National Map.
3. Increasing usage and awareness of KYGEONET (over 2 million hits in June and July '05).

B. Describe your state's top 3 geospatial goals for the coming year:

1. Improve the offering of GIS as a utility within State Government.
2. Reach out to regional and local forms of government with GIS needs.
3. Increasing the awareness and usage of the KYGEONET and all related resources.

C. Describe the 3 most significant geospatial challenges for your state:

1. Acquisition of local GIS data for inclusion in the KY Geospatial Data Clearinghouse.
2. Integration of GIS Services within state government's business processes.
3. Scaling of enterprise services to meet the ever-increasing demands.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

The Commonwealth of Kentucky through the Division of Geographic Information (DGI) has partnerships with city and county level entities, regional planning entities, all state agencies, as well as the USGS, FSA, NASA, EPA, and other related federal programs. The primary focus is that of taking care of state agencies with secondary emphasis on all levels of government within the Commonwealth.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

- Kentucky's implementation of KYRASTER/KYVECTOR has significantly changed how GIS data is delivered to users on the state's WAN. It stands in mirrored instances in the Commonwealth's Computing Center and provides data to the desktop at blazing speeds. It has made access to GIS data nearly plug and play!
- The Kentucky Event Mapping & Analysis Portal (KEMAP) has been implemented for Kentucky National Guard, Emergency Management, State Police, Homeland Security and other entities. This Portal contains almost 100 layers of critical infrastructure and base mapping data and has been embraced as the centerpiece of the EOC and all response operations.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: Can provide strategic plan upon request
2. GIS Statutory authority: <http://gis.ky.gov/KRS.htm>
3. GIS Coordinator: Division of Geographic Information Director, Gary R. Harp
4. GIS Coordinating Body: DGI and Kentucky Geospatial Board (Advisory Only)
5. GIS Personnel Classifications: 3 Total (Geoprocessing Specialist I-III)
6. GIS Data Distribution Policy: Must have metadata on KYGEONET
7. GIS Data Standards: Five published attribute and coordinate standards
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

DGI maintains a website and GIS listserv for the Commonwealth. <http://gis.ky.gov/>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Yes, the Commonwealth has an ongoing centerline update project; statewide address ranges should be available by early 2006; more than 100 counties of parcels are complete; and update orthoimagery acquisition is being strongly considered.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

See <http://gis.ky.gov/documents/tcmlayer.pdf> for information regarding the framework layers in Kentucky.

LOUISIANA

Contact Information:

Joe Holmes
IT Geographic Manager
LA Dept. of Environmental Quality
OMF/IT/GIS Center
602 North 5th Street
Baton Rouge, LA 70802
Phone: 225-219-3348
Fax: 225-219-3374
Email: Joe.Holmes@LA.gov



Alternate:

Craig Johnson
Director
Louisiana Geographic Information Center (LAGIC)
E-313 Howe Russell Bldg.
Louisiana State University
Baton Rouge, LA. 70803
Phone: (225) 578-3479
Fax: (225) 578-7289
Email: cjohnson@lsu.edu

State GIS Clearinghouse URL: Node on the NSDI: <http://lagic.lsu.edu/datacatalog>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Completion of a new set of 1-meter DOQQ's for the entire state (will be complete in October 2005).
2. Completion of LIDAR data set for the entire state (will be complete in November 2005).

B. Describe your state's top 3 geospatial goals for the coming year:

1. Complete new state strategic plan for geospatial development.
2. Increase in funding for state geospatial coordination effort.
3. Work to complete Hi-Res NHD for state, and delimit the 10 and 12 digit HUC's.

C. Describe the 3 most significant geospatial challenges for your state:

1. Increase awareness among decision makers of the importance of geospatial activities.
2. Find long-term funding sources for Louisiana Geographic Information Center (LAGIC).
3. Metadata development by all state agencies having geospatial data sets.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

1. New DOQQ Project is a cooperative effort among federal and state partners.
2. LIDAR project is a cooperative effort among federal and state partners.
3. RS/GIS Workshop is a cooperative project among local, state and federal partners.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

1. LAGIC completed a study of the major geo-coding vendors and service providers.
2. DEQ contracted to update its TEMPO Database to improve location information.

- Update of statewide GIS Software purchasing agreements, inclusion of local government.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown):

- GIS mission statement: "Eliminate duplication of effort and unnecessary redundancy in data collections and systems and to provide for integration of geographically-related data bases to facilitate the policy and planning purposes of the state of Louisiana." (La R.S. 49:1051-1057; Acts 1995, No.922 amended by Act 772 of 2001)
- GIS Statutory authority: Act 922 of 1995 and amended by Act 772 of 2001:
<http://www.doa.state.la.us/lqisc/index.htm>
- GIS Coordinator: LAGIC assists in geospatial data coordination: <http://logic.lsu.edu/>
- GIS Coordinating Body: Louisiana GIS Council
<http://www.doa.state.la.us/lqisc/index.htm>
- GIS Personnel Classifications: <http://www.dscs.state.la.us>: (Job Specifications: IT Geographic)
- GIS Data Distribution Policy: Varies by Agency
- GIS Data Standards: FGDC Data Standards and metadata Standard (CSGDM).
- GIS Budget (including grants, etc.): varies by Agency
- Other policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities.

Yes, the LAGIC website provides that service: <http://logic.lsu.edu>

H. Is your state planning any major data development or data acquisition projects in the next two years

Yes, completion of 2004 DOQQ flight, and LIDAR data acquisition by the end of 2005, Census updating of street centerline information statewide by 2007, Non-point source project by DNR and DEQ in 2006, new Louisiana coastal imagery fall of 2005.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
2004 Ortho-Imagery	Pat O'Neil and Larry Handley	NWRC/USGS	337-266-8699	pat_o'neil@usgs.gov
Elevation (LIDAR)	David Gisclair	LOSCO	225-219-5816	dgisclair@lsu.edu
Geodetic Control	Denis Riordan.	National Geodetic Survey	225-578-2975	djr@c4g.lsu.edu
Transportation	Dr Jim Mitchell	LA DOTD	225-379-1881	JimMitchell@dotd.state.la.us
Governmental Units	Dr Bill Blair	LA House	225-342-2591	Blairb@legis.state.la.us
Hydrology	Joe Holmes	LA DEQ	225-219-3348	Joe.Holmes@LA.GOV
Cadastral	Celeste Moss	LA Tax Comm.	225-925-7830, x 210	CMoss@latax.state.la.us
	Marty Beasley	State Lands Office	225-342-445	marty.beasley@la.gov

Contact Information:

Dan Walters
GIS Administrator
Maine Office of GIS
145 State House Station
Augusta, Maine 04333-0145
Phone: 207-624-9435
Fax: 207-287-3842
Email: dan.walters@maine.gov



State GIS Clearinghouse URL: <http://megis.maine.gov>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Establishing grant program for towns to digitize parcels.
2. Statewide high resolution color orthoimagery.
3. Strengthened enterprise GIS including central pool of GIS licenses and formation of internet mapping subcommittee to guide standard development.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Coordinate activities of state agencies with TIGER modernization.
2. Full involvement with FEMA Map Modernization.
3. Finalize core internet map services and registration with USGS.

C. Describe the 3 most significant geospatial challenges for your state:

1. Developing funding model to pay for enterprise GIS including data storage and clearinghouse.
2. Coordinating multiple data development projects involving municipalities.
3. Implementing new OGC standards based GIS portal.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

- Joint funding agreements with USGS to develop DEMs, aerial photography and high resolution orthoimagery.
- Entered DHS FEMA Cooperative Technical Partner program and received grant to begin the preparation of DFIRMS.

E. Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc.:

F. Please provide the following information; (enter N/A if not applicable or unknown; also enter a URL if available on the Internet);

1. GIS mission statement:
 - a. GIS Executive Council Strategic Plan
<http://megis.maine.gov/executive/ecstratplanfin2.doc>
 - b. Maine Library of Geographic Information
<http://janus.state.me.us/legis/ros/lom/lom120th/4pub601%2D650/pub601%2D650%2D48.htm>
2. GIS Statutory authority: <http://janus.state.me.us/legis/ros/meconlaw.htm>
3. GIS Coordinator: Dan Walters

4. GIS Coordinating Body: GIS Executive Council <http://www.maine.gov/gisexe/>
5. Maine Library of Geographic Information Board <http://www.maine.gov/geolib/>
6. GIS Personnel Classifications:
7. <http://www.informe.org/cgi-bin/bhrsalar/description.pl>
8. GIS Data Distribution Policy: <http://megis.maine.gov/catalog/>
9. GIS Data Standards: <http://megis.maine.gov/standards/>
10. GIS Budget (including grants, etc.): \$500,000
11. Other policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes on front page of MEGIS website: <http://megis.maine.gov>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Larry Harwood	MEGIS	207-624-8879	Larry.harwood@maine.gov
Elevation	N/A			
Geodetic Control	Tim LeSeige	DOT	207-624-3493	Tim.leseige@maine.gov
Transportation	Anji Redmond Tom Marcotte	MEGIS DOT	207-624-9487 207-624-3183	Anji.redmond@maine.gov Thomas.marcotte@maine.gov
Boundaries	Kate King	MEGIS	207-624-9403	Kate.kine@maine.gov
Hydrology	Dave Kirouac	MEGIS	207-624-9404	david.kirouac@maine.gov
Cadastral	N/A			

Contact Information:

Kenneth M. Miller
Director, Watershed Information Center
Maryland Department of Natural Resources
580 Taylor Avenue
Tawes State Office Building E-2
Annapolis, Maryland 21401
Phone: 410.260.8751
Fax: 410.260.8759
Email: kenmiller@dnr.state.md.us



State GIS Clearinghouse URL: <http://www.MarylandGIS.net>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Collected or contracted for detailed digital elevation data using LIDAR suitable for mapping floodplains for 75% of the state.
2. Cooperative Road Centerline Project – 4 of 24 jurisdictions completed, with 16 more in pipeline.
3. Received DHS grant to build and deploy the Maryland Emergency Geographic Information Network (MEGIN).

B. Describe your state's top 3 geospatial goals for the coming year:

1. Recognized statewide GIS authority.
2. Participation in MSGIC from state and federal agencies.
3. Yearly needs assessment and implementation plan update.

C. Describe the 3 most significant geospatial challenges for your state:

1. Recognized statewide GIS authority.
2. Funding source.
3. Adopting and embracing data collection/sharing standards.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- Cooperative Road Centerline Project – partnership between a state and county and municipal governments to share road centerline data, preserving each custodian's unique attributes data. Data sharing standards critical to program's success. The data is being made available to The National Map.
- Partnership between the Maryland Emergency Management Agency, Towson University, local Emergency Operation Centers and state and county agencies to provide geospatial data and geospatial visualization tools to the emergency response community.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

Maryland received a \$998,000 Homeland Security grant through Maryland Emergency Management Agency and Towson University to develop the Maryland Emergency Geographic Information Network. This secure Internet system, adhering to Open GIS Consortium standards for web mapping services and other FGDC standards, will facilitate data discovery and access to and local government data for the emergency management and homeland security community.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: www.msgic.state.md.us/msgicinf/index.htm
2. GIS Statutory authority: N/A
3. GIS Coordinator: N/A
4. GIS Coordinating Body: www.msgic.state.md.us
5. GIS Personnel Classifications: draft www.msgic.state.md.us/publicat/index.htm
6. GIS Data Distribution Policy: none – data sharing standards in development
7. GIS Data Standards: www.msgic.state.md.us/publicat/index.htm#standards
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.:
www.msgic.state.md.us/publicat/index.htm

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Cooperative Road Centerline Project currently in progress. See Transportation below.
 Cooperative Streams Project under development. See Hydrology below.
 LIDAR, orthoimagery and other feature acquisitions will continue as funding and partnerships permit. See Elevation and Orthoimagery below.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC “framework” layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Ken Miller	MD Dept. Natural Resources	410.260.8751	kenmiller@dnr.state.md.us
Elevation	Ken Miller	MD DNR	410.260.8751	kenmiller@dnr.state.md.us
Geodetic Control	N/A			
Transportation	Jack Martin	MD State Highway Admin.	410.545.5537	jmartin1@sha.state.md.us
Boundaries	Jack Martin	MD SHA	410.545.5537	jmartin1@sha.state.md.us
Hydrology	Frank Siano	MD Dept Environment	410.537.3684	fsiano@mde.state.md.us
Cadastral	Mike Lettre	MD Dept. Planning	410.767.4460	mlettre@mdp.state.md.us

MASSACHUSETTS

Contact Information:

Christian Jacqz
Director
MassGIS, Exec. Office of Environmental Affairs
251 Causeway St.
Boston, MA 02114
Phone: 617- 626-1056
Fax: 617- 626-1249
Email: Christian.Jacqz@state.ma.us



State GIS Clearinghouse URL: <http://www.mass.gov.mgis>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Public health, environmental and transportation funded a statewide orthophoto project. RGB + IR at .5 meter was captured digitally in May with incremental delivery through Feb 06.
2. Public safety and transportation cooperatively licensed NAVTEQ for use by all state, regional and local government agencies. MassGIS will forward enhancement requests to vendor based on geocoding Emergency Service Listing (all land-line addresses) maintained by Verizon E911.
3. Agencies such as Massachusetts emergency management (for local Comprehensive Emergency Management Plans) have begun to collect mission critical geospatial information using distributed mapping services to provide the base for interactive data entry via the Internet.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Standardize GIS data review and data entry via the web and develop a code base for custom interactive applications to be easily developed based on OGC web mapping standards.
2. Better coordinate data development activities at a very granular level – MEMA and MassGIS have proposed a live project tracking application using “prospective” metadata to allow for efficient searching of proposed and ongoing project descriptions.
3. A dedicated funding source to provide incentives for the creation and/or update of standardized parcel mapping.

C. Describe the 3 most significant geospatial challenges for your state:

1. Lack of funding for coordination, centralized data acquisition and data repository functions.
2. Variety of scales at which GIS is being developed.
3. Lack of public awareness of GIS resources and applications.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- Some major intra-state cooperative projects listed under (A). Other cooperative efforts:
- EOPS and regional planning agencies on Homeland Security related data, and localities for emergency management related data.
 - EOEAs and regional planning agencies for water resources and infrastructure mapping; EOEAs and UMASS and USGS/WRD for surficial geology map conversion;

EOEA and NRCS on soils conversion; EOEA and USGS on National Map; EOEA and MEMA and FEMA on Map Modernization.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

Web mapping (OLIVER at http://maps.massgis.state.ma.us/massgis_viewer/index.htm)

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown);

1. GIS mission statement: and,
2. GIS Statutory authority: at <http://www.mass.gov/legis/laws/mgl/21a-4b.htm>
3. GIS Coordinator: and,
4. GIS Coordinating Body: and,
5. GIS Data Distribution Policy: and,
6. GIS Data Standards: all at <http://www.mass.gov/mgis>
7. GIS Personnel Classifications: various under System Analyst and Planner categories
8. GIS Budget (including grants, etc.): from all sources including capital \$2,460,233
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes, <http://www.mass.gov/mgis/GISette.htm>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

1. Includes elevation dataset update to meet 2m standard.
2. Street centerline and address range update starting fall 05.
3. Parcel mapping ongoing by community for SE Mass fall 05.
4. Open space mapping ongoing.
5. Zoning map update planned.

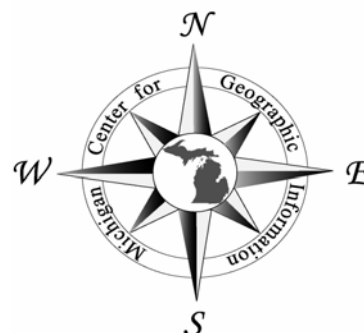
I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Philip John	MassGIS / EOEA	617.626.1185	Philip.John@state.ma.us
Elevation	Philip John	MassGIS / EOEA	617.626.1185	Philip.John@state.ma.us
Geodetic Control	Curt Crow	MassHighway / EOT	617.973.8466	curt.crow@noaa.gov
Transportation	Mark Berger	Office Trans. Planning / EOT	617.973.7340	mark.berger@state.ma.us
Boundaries	Michael Trust	MassGIS / EOEA	617.626.1195	Michael.trust@state.ma.us
Hydrology	Michael Trust	MassGIS / EOEA	617.626.1195	Michael.trust@state.ma.us
Cadastral	Neil MacGaffey	MassGIS / EOEA	617.626.1057	neil.macgaffey@state.ma.us

MICHIGAN

Contact Information:

Eric Swanson
Director
Michigan Center for Geographic Information
111 S. Capitol Avenue
Lansing, MI 48867
Phone: 517-373-7910
Fax: 517-373-2939
Email: swansone@michigan.gov



State GIS Clearinghouse URL: www.michigan.gov/cgi

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Framework Version V.
2. Web mapping infrastructure established.
3. High resolution imagery program established.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Staff skills enhancement.
2. Framework development platform migration.
3. Enterprise data hosting.

C. Describe the 3 most significant geospatial challenges for your state:

1. Leveraged investment (pooled funding).
2. Rapid technology change "data-driven development."
3. "New GIS" service demand.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

1. Framework development (six state funding partners).
2. NHD USGS/MDNR support.
3. High resolution imagery (state, local, and federal funding cooperative).

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

- Dynamic application development
 - Applications developed and/or supported
 - Committed to development
- CGI Supported Infrastructure Past 9 Months
 - Number of hits: 51,592,025 (207,197/day)
 - Number of pageviews: 6,360,205 (25,543/day)
 - Number of sessions: 541,028 (2,172/day)
 - Data served: 1.55 GB/day
 - Five most requested web sites:
 - Map Michigan: 624,000 requests (2,237/day)
 - Michigan Recreational Boating Information Sys: 276,000 requests (989/day)
 - Michigan Geographic Data Library: 250,000 requests (898/day)
 - Michigan School Information: 131,000 (470/day)

- MDOT PR Finder: 60,000 requests (222/day)

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

All categories can be found at: www.michigan.gov/cgi

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes, www.michigan.gov/cgi

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Yes, high resolution imagery. For more information go to: www.michigan.gov/cgi

I. Please list the name, affiliation, and contact information for the custodians of each FGDC “framework” layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Rob Surber	CGI	517-373-7910	surberr@michigan.gov
Elevation	N/A			
Geodetic Control	Maynerd Dyer	DLEG	517-241-6319	mrdyer@michigan.gov
Transportation	Rob Surber	CGI	517-373-7910	surberr@michigan.gov
Boundaries	Rob Surber	CGI	517-373-7910	surberr@michigan.gov
Hydrology	Rob Surber	CGI	517-373-7910	surberr@michigan.gov
Cadastral	N/A			

Contact Information:

David Arbeit
Director
Land Management Information Center
Room 300
658 Cedar Street
Saint Paul, MN 55155
Phone: (651) 201-2460
Fax: (651) 296-3698
Email: david.arbeit@state.mn.us



State GIS Clearinghouse URL: <http://www.lmic.state.mn.us/chouse>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Expanded upon the state's strategic plan for GIS by developing a proposed data and application sharing conceptual architecture (<http://server.admin.state.mn.us/resource.html?id=17091>).
2. Executed a new metro parcel data sharing agreement that streamlines licensing and expands data access to governments and academics throughout the U.S.
3. Implemented a popular web mapping application that offers quick access to high quality scans of Minnesota's original Public Land Survey plat maps for the Secretary of State.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Gain executive and legislative branch support for recommendations in "A Foundation for Coordinated GIS: Minnesota's Spatial Data Infrastructure."
2. Complete a FEMA-funded web survey and inventory tool to monitor LIDAR and orthoimagery projects statewide – those completed, in progress and planned.
3. Complete development of the NSF-funded National Historic GIS – a comprehensive U.S. census database for geographic and attribute data from 1790 to 2000.

C. Describe the 3 most significant geospatial challenges for your state:

1. Improving integration among state GIS programs, increasing efficiency and effectiveness.
2. Developing and implementing a solution for responsive GIS support for emergencies.
3. Improving institutional and financial support for statewide GIS coordination as the new state Office of Enterprise Technology takes shape.

D. Describe significant cooperative efforts with Federal, State, Tribal, or Local partners:

Minnesota has been a cooperating partner with federal agencies for many years through agreements executed by the Land Management Information Center. In March 2005, full state coverage of the high-resolution National Hydrography Dataset was completed. The state also participates in regional cooperative programs, and encourages cooperative efforts of local units of government.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

- A web-based Statewide Parcel Map Inventory designed to provide a snapshot of parcel data development across Minnesota:
<http://www.lmic.state.mn.us/chouse/SPMI/Reporting>

- Redesign of the DNR's data access service, Data Deli, now supporting OGC WMS protocols (<http://deli.dnr.state.mn.us>)
- A unique web mapping service designed to rapidly display statewide NAIP orthoimagery and provide raster clipping tools for user-controlled extraction (<http://www.lmic.state.mn.us/chouse/clipship.html>)

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: <http://www.gis.state.mn.us/about.htm#mission>
2. GIS Statutory authority: Executive Order
3. GIS Coordinator: David Arbeit, Director, Office of Geographic and Demographic Analysis
4. GIS Coordinating Body: Minnesota Governor's Council on Geographic Information (<http://www.gis.state.mn.us/>)
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: Almost all government data is considered public data under the provisions of the Minnesota Data Practices Act. Most government developed geospatial data is available at little or no cost and available through web services.
7. GIS Data Standards: <http://www.gis.state.mn.us/committe/stand/>
8. GIS Budget: No statewide compilation of GIS budgets is maintained. State funding for GIS is budgeted through individual agencies. The budget for the Minnesota Governor's Council on Geographic Information is about \$30,000/year.
9. Other policies: No formal state GIS policies have been adopted. Many of Minnesota's GIS products, services and publications are listed at <http://server.admin.state.mn.us/Resources.html?Subject=Geographic%20Information%20Systems>

G. Does your state regularly publish a newsletter about its GIS activities?

Yes, <http://www.mngislis.org/newsletter.htm>

H. Is your state planning any major data development or data acquisition projects in the next two years? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

- LIDAR: Norman and Mahnomen Counties through a grant from FEMA.
- Comprehensive municipal boundaries update reflecting annexation activity as reported by the Municipal Boundaries Adjustments Group (<http://www.mba.state.mn.us>).
- Hydrologic events indexed to NHD through a grant from EPA and begin NHD update process.

I. Please list contact information for the custodians of each FGDC "framework" layer in your state.

Knowledgeable contacts exist for all framework data layers. Below are the names of those who currently perform official (bold) and ad hoc custodial roles.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Chris Cialek	Admin/LMIC	651.201.2481	chris.cialek@state.mn.us
Elevation	N/A			
Geodetic Control	John Barke	Transportation	651.296.8804	john.barke@state.mn.us
Transportation	Dennis Brott	Transportation	651.296.1680	denny.brott@state.mn.us
Boundaries	N/A			
Hydrology	N/A			
Cadastral	N/A			

MISSISSIPPI

Contact Information:

Jim Steil
Director
MARIS (Mississippi Automated Resource Information System)
MS Institutions of Higher Learning
3825 Ridgewood Road
Jackson, MS 39211-6453
Phone: (601) 432-6354
Fax: (601) 432-6893
Email: jsteil@ihl.state.ms.us



State GIS Clearinghouse URL: <http://www.maris.state.ms.us>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Integration of Homeland Security, the Tax Commission and MARIS to the process.
2. Bond money for clearinghouse infrastructure.
3. Widespread recognition of the importance of addressing.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Implementation of a statewide ortho effort.
2. Development of a business plan.
3. Implementation of clearinghouse infrastructure.

C. Describe the 3 most significant geospatial challenges for your state:

1. Funding (lack of).
2. Education.
3. Unified centerline and addressing schema.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

Height Modernization, DFIRM, Highway Watch.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

N/A

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: N/A
2. GIS Statutory authority:
<http://www.ms.gov/frameset.jsp?URL=http%3A%2F%2Fwww.ls.state.ms.us>
3. GIS Coordinator: N/A
4. GIS Coordinating Body: Mississippi Coordinating Council for Remote Sensing and Geographic Information Systems <http://www.giscouncil.ms.gov>
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: Working
7. GIS Data Standards: Completed for framework layers (FGDC-GOS)
8. GIS Budget (including grants, etc.): N/A

9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

N/A

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Orthoimagery

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Cragin Knox	MDEQ	601-961-5086	Cragin_Knox@deg.state.ms.us
Elevation	Cragin Knox	MDEQ	601-961-5086	Cragin_Knox@deg.state.ms.us
Geodetic Control	Cragin Knox	MDEQ	601-961-5086	Cragin_Knox@deg.state.ms.us
Transportation	Cragin Knox	MDEQ	601-961-5086	Cragin_Knox@deg.state.ms.us
Boundaries	Cragin Knox	MDEQ	601-961-5086	Cragin_Knox@deg.state.ms.us
Hydrology	Cragin Knox	MDEQ	601-961-5086	Cragin_Knox@deg.state.ms.us
Cadastral	Cragin Knox	MDEQ	601-961-5086	Cragin_Knox@deg.state.ms.us

Contact Information:

Tony Spicci
GIS Coordinator
Missouri Department of Conservation
1110 South College Avenue
Columbia, MO 65201
Phone: 573.882.9909 x3295
Fax: 573.882.4517
Email: Tony.Spicci@mdc.mo.gov



State GIS Clearinghouse URL: <http://msdisweb.missouri.edu/> - spatial data clearinghouse
<http://www.mgisac.org> – Missouri GIS Advisory Committee

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Completion of the Missouri / FGDC Cooperative Agreement Program '04 (MOCAP04) in which 53 local government staff members received a three-day GIS course to encourage the provision of local data for The National Map with all 16 regional councils of government signing a sharing agreement.
2. The continued establishment of state geospatial standards through the Missouri Adaptive Enterprise Architecture.
3. Major improvements in server hardware, data storage, discovery and access to data at the state's geospatial data clearinghouse - the Missouri Spatial Data Information Service.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Establish the position of statewide GIS Coordinator and establish a Geospatial office.
2. Provide cost effective geospatial training in Missouri.
3. Building stronger relationships within the local government community and within the broader state/local/federal geospatial community.

C. Describe the 3 most significant geospatial challenges for your state:

1. Lack of a full-time State GIS Coordinator Position with contracting and funding authority.
2. Coordination between local government and state agencies is improving but still has room for significant improvement.
3. Lack of funding for large-scale data development projects such as street centerlines and high-resolution elevation data.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

MOCAP04, GIS pilot projects with county assessors, creation of a Local Government GIS committee, conducted a local government GIS survey, continued development of USGS National Map Partnerships, development of the Missouri Adaptive Enterprise Architecture - GIT component, participation in MAGIC, participation on Geospatial Profile teams for geospatial enterprise architecture with the Federal CIO Council and the FGDC, Start up of FEMA Map Modernization program in Missouri. Just received an FGDC CAP grant for 2005.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

The Missouri Department of Transportation is continuing their GPS equipment loan program to counties for the development of county-based street centerline data. Developed a business case for a state GI Coordinator. Developing a maturity model for geospatial implementation with Geospatial Profile team.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown):

1. GIS mission statement: <http://www.mgisac.org/bylaws.htm>
2. GIS Statutory authority: N/A
3. GIS Coordinator: No formal position. There is a chair of the advisory committee and a NSGIC liaison.
4. GIS Coordinating Body: Missouri GIS Advisory Committee <http://www.mgisac.org/>
5. GIS Personnel Classifications: http://www.oe.mo.gov/pers/ClassSpecs/List_G-O.htm#G
6. GIS Data Distribution Policy: <http://msdisweb.missouri.edu/services/index.htm>
7. GIS Data Standards: <http://www.mgisac.org/standards.htm>
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: <http://www.mgisac.org>
10. GIT Architecture - <http://oit.mo.gov/architecture/Domains/Information/index.htm>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Missouri initiated a Flood Plain Modernization Program, in collaboration with two University centers, USGS, State Emergency Management, and FEMA. This project will rework hydrology centerlines, elevation data, and many base map layers county by county over the next three to five years, and will permit local government sharing agreements to be brokered with the MSDIS. USGS is working on acquiring leaf-off orthoimagery. MODoT is progressively collecting street centerline data statewide.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Elizabeth Cook	USDA-NRCS	573-876-9396	elizabeth.cook@mo.usda.gov
Elevation	N/A			
Geodetic Control	N/A			
Transportation	Arnold Williams	MoDOT	573-751-7012	arnold.williams@modot.mo.gov
Boundaries	C. Diane True	MoRAP	573-441-2791	truecd@missouri.edu
Hydrology	Scott Sowa	MoRAP	573-441-2794	sowasp@missouri.edu
Cadastral	Bob Norris	OA	573 751-1729	bnorris@mail.state.mo.us

J. Other comments:

In fall of 2004, the University of Missouri was awarded start-up funding to begin the Missouri Geospatial Extension Program

Contact Information:

Stewart Kirkpatrick
GIS Bureau Chief / State GIS Coordinator
MT Dept. of Administration
Information Technology Services Division
Weinstein Bldg., Suite 2
101 N. Rodney
Helena, MT 59601
Phone: 406-444-9013
Fax: 406-444-1255
Email: skirkpatrick@mt.gov



State GIS Clearinghouse URL: <http://nris.state.mt.us/>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Passing the Montana Land Information Act that will provide some stable funding for GIS coordination, data development and data maintenance through a \$1.00 fee on document recordings.
2. Receiving a FGDC CAP Grant to write a geospatial strategic plan.
3. Successful partnership based work on transportation, addressing and critical infrastructure/structures data models that have common threads between them.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Completion of a state geospatial strategic plan.
2. Completion of a yearly business plan – the Montana Land Information Plan as required by the Montana Land Information Act .
3. Implementation of the transportation, addressing, and critical infrastructure/structures data models across state and local agencies.

C. Describe the 3 most significant geospatial challenges for your state:

1. Keeping up with changing technology.
2. Obtaining additional funding for work on the Montana framework and priority databases.
3. Building applications that actually increase the efficiency of government.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- National Map partnerships.
- ODP Homeland Security grants that have provided funding for imagery and other data collection.
- Federal, state and local partnerships in data modeling efforts.
- Successful NAIP 1-meter state-wide partnership.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

A multi-jurisdictional critical infrastructure/structures data model that through the use of unique identifiers links to our transportation and addressing models.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: N/A
2. GIS Statutory authority: several different statutes apply
3. GIS Coordinator: Stewart Kirkpatrick, MT Dept. of Administration
4. GIS Coordinating Body: Montana Land Information Advisory Council
5. GIS Personnel Classifications: These differ between agencies – most state agencies use IT classifications
6. GIS Data Distribution Policy: Based on state FOI laws – considering adoption of the recent FGDC guidelines
7. GIS Data Standards: Have been gravitating to the use of standard database models rather than standards
8. GIS Budget (including grants, etc.): Agency specific
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes, this is done by the Montana Association of Geographic Information Professionals (MAGIP) – the following is a temporary URL until the new website is finished:
<http://maps2.nris.state.mt.us/magip/>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

We would like to put together a partnership to acquire CIR from the NAIP imagery.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC “framework” layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Stu Kirkpatrick	MT DOA/ITSD	406-444-9013	skirkpatrick@mt.gov
Elevation	Lance Clampitt	USGS/NGPO	406-994-6919	lsclampitt@usgs.gov
Geodetic Control	R. J. Zimmer	City of Helena/Lewis & Clark County	406-447-8367	rjzimmer@co.lewis-clark.mt.us
Transportation	Mark Tripp	MT DOA/ITSD	406-444-7930	mtripp@mt.gov
Boundaries	Stu Kirkpatrick	MT DOA/ITSD	406-444-9013	skirkpatrick@mt.gov
Hydrology	Sybil Govan	MSL/NRIS	406-444-5356	sgovan@mt.gov
Cadastral	Stu Kirkpatrick	MTDOA/ITSD	406-444-9013	skirkpatrick@mt.gov

Contact Information:

Larry K. Zink
Coordinator
Nebraska GIS Steering Committee
Communications Division - DAS
521 S. 14th St., Suite 300
Lincoln, NE 68508
Phone: 402-471-3206
Fax: 402-471-3339
Email: lzink@notes.state.ne.us



State GIS Clearinghouse URL: <http://www.dnr.state.ne.us/databank/geospatial.html>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Adoption of a metadata standard for state and local governmental agencies.
2. Secured a commitment from Nebraska Dept. of Roads to assume responsibility for developing and maintaining a "best available" street centerline-address statewide public database for Nebraska combining local, state and federal data.
3. Interagency, intergovernmental collaborative effort to purchase high-resolution imagery for several Nebraska municipalities.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Pass legislation establishing a state/local partnership to develop and maintain cadastres as part of a Nebraska Land Information System Program.
2. Reorganization of state GIS coordination structures and resources to better meet objectives outlined in NSGIC/FGDC 50 States and Model State GIS Coordination criteria.
3. Lay interagency policy foundation and for on-going maintenance of "best available" statewide street centerline-address database.

C. Describe the 3 most significant geospatial challenges for your state:

1. Lack of significant general fund budget appropriation or spending authority for GIS Steering Committee.
2. Need for increased level of coordination/collaboration between GIS Steering Committee and the folks coordinating enhanced E911 implementation in the state.
3. Development of institutional arrangements to support enterprise-wide GIS projects at the state level.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

Collaborative effort involving the Nebraska Health and Human Services System (bio-terrorism funding), Nebraska GIS Steering Committee, USGS, and seven local governments to acquire high-resolution imagery. Intergovernmental effort has developed draft land record modernization standards for cadastral data.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

The collaborative effort we developed with local governments to acquire high-resolution imagery for seven cities will provide a foundation for future efforts (see D).

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: The mission of the Nebraska Geographic Information System Steering Committee is to encourage the appropriate utilization of GIS technology and to assist organizations to make public investments in GIS technology and geospatial data in an effective, efficient, and coordinated manner.
2. GIS Statutory authority: <http://www.calmit.unl.edu/gis/legislation.html>
3. GIS Coordinator: Larry K. Zink
4. GIS Coordinating Body: Nebraska Geographic Information System Steering Committee
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: N/A
7. GIS Data Standards: N/A
8. GIS Budget (including grants, etc.): \$160,000
Other GIS policies, publications, RFP's, etc.: Annual Report and Strategic Plan: http://www.calmit.unl.edu/gis/Anl_Rpt_04.pdf

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)?

Continued efforts on high-resolution NHD and street centerline/address.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state. If there are no official custodians for a particular layer, please use N/A.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Kim Menke	NE Dept. of Natural Resources	402-471-3963	kmenke@dnr.state.ne.us
Elevation	Kim Menke	NE Dept. of Natural Resources	402-471-3963	kmenke@dnr.state.ne.us
Geodetic Control	N/A			
Transportation	Dick Genrich	NE Dept. of Roads	402-479-4550	dgenrich@dor.state.ne.us
Boundaries	N/A			
Hydrology	Josh Lear	NE Dept. of Natural Resources	402-471-3954	jlear@dnr.state.ne.us
Cadastral	N/A			

J. Other comments:

NSGIC, and the associated network of state coordinators, has been an on-going significant source for information, guidance, leading, and inspiration as we seek to do our statewide coordinator work here in Nebraska. NSGIC is an irreplaceable resource for people doing the type of work we do.

Contact Information:

Ronald H. Hess
Executive Secretary
State Mapping Advisory Committee
Information Systems Specialist
Nevada Bureau of Mines and Geology
University of Nevada, Reno
M.S. 178
Reno, Nevada 89557-0088
Phone: 775-784-6691 Ext. 121
Fax: 775-784-1709
Email: rhess@unr.edu



State GIS Clearinghouse URL: <http://www.nbmq.unr.edu/geoinfo/geoinfo.htm>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Members of the Nevada State Mapping Advisory Committee have developed a cooperative funding effort that will provide the necessary resources to have a Statewide NAIP mission flown during 2006.
2. First time Digital Orthophoto Quad (DOQ) coverage of all non-military lands in Nevada has been completed.
3. Completed 10-meter Digital Elevation Model (DEM) coverage for Nevada.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Statewide NAIP mission.
2. Work toward completion of large scale hydrography layer for Nevada.
3. Work toward completion of large scale transportation layer for Nevada.

C. Describe the 3 most significant geospatial challenges for your state:

1. Ensure the continued funding of Department of Interior High Priority Mapping Program.
2. Make the next statewide aerial photography/imagery mission (NAIP) happen.
3. Completion of large scale transportation and hydrography coverages for Nevada.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

Major effort between various federal, state, and local agencies to cooperatively fund the Nevada 2006 NAIP mission. In addition to this effort we also have ongoing coordination activities with various Departments of Interior and other federal agencies to improve overall digital map coverage of the state and to increase the awareness of federal agencies to identified priorities of state and local agencies.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc.:

Continue to work with the University of Nevada, Reno, to develop, maintain and support the W. M. Keck Earth Sciences and Mining Research Information Center Web Site. This site serves as a depository for digital maps which are available for public download and include DOQs, DEMs, Landsat and ASTER Imagery, DRGs, geologic maps, digital indexes, and various other geoscience, historic, and regional planning related data sets.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: To serve as a forum for discussion and coordination of state, local, and federal agency and private sector priorities for mapping within Nevada:
<http://www.nbmq.unr.edu/smac/smac.htm>
2. GIS Statutory authority: N/A
3. GIS Coordinator: N/A
4. GIS Coordinating Body: State Mapping Advisory Committee:
<http://www.nbmq.unr.edu/smac/smac.htm>
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: Open distribution of non-restricted data.
7. GIS Data Standards: N/A
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: For digital map data see the Data depository Web page at <http://keck.library.unr.edu/> For links to other Nevada digital resources see the Virtual Clearinghouse for Nevada Geographic Information Web page at <http://www.nbmq.unr.edu/geoinfo/geoinfo.htm>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

The Web site of the Nevada State Mapping Advisory Committee contains meeting announcements, agendas, and meeting notes: <http://www.nbmq.unr.edu/smac/smac.htm>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)?

Statewide 1-meter NAIP mission during 2006

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Nevada has no official custodians for framework data layers identified at this time.

J. Other comments:

The Nevada State Mapping Advisory Committee is concerned about the lack of a timely follow-on mission to Landsat 7 and would like to see the Landsat replacement issue addressed and the follow-on mission expedited.

NEW HAMPSHIRE

Contact Information: New Hampshire

Ken Gallager
Principal Planner
NH Office of Energy and Planning
57 Regional Dr.
Concord, NH 03301
Phone: (603) 271-1773
Fax: (603) 271-2615
Email: ken.gallager@nh.gov



State GIS Clearinghouse URL: <http://www.granit.sr.unh.edu>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Development of new IMS services with municipal master planning orientation.
2. Completion of high-resolution National Hydrography Dataset (pending one bi-state watershed) to support advanced hydrologic analysis.
3. Creation of standards for high-resolution orthoimagery acquisition and initiation of first phase in three-year acquisition project.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Release update to state's strategic GIS plan.
2. Increase state agency participation in GRANIT data development, documentation and new types of analysis.
3. Improve/consolidate state agency software licensing.

C. Describe the 3 most significant geospatial challenges for your state:

1. Lack of stable funding source for GRANIT.
2. Maintaining technical expertise as technology continues to change.
3. Need to complete crucial base data layers, especially statewide, accurate street addresses.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- The GRANIT project is a cooperating technical partner with FEMA and is well on the way to statewide DFIRM coverage.
- Development of high-resolution NHD with USGS and the state of Maine. The NH Department of Environmental Services is the official data steward for NHD in New Hampshire.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

CommunityViz National Demonstration Project to predict growth patterns in southern NH due to expansion of Interstate 93 corridor – application is customized to aid in analyzing co-occurrence of natural resources.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown):

1. GIS mission statement: "The mission of New Hampshire GIS is to promote the efficient use of New Hampshire's diverse resources by utilizing geographically related information

in an effective way and by providing geographic information and corresponding tools to citizens and organizations.”

<http://www.nh.gov/oep/resourcelibrary/referencelibrary/g/geographicinformationcenter/documents/gisplan.doc>

2. GIS Statutory authority: NH RSA 4-C:3
3. GIS Coordinator: No official coordinator. Ken Gallager (ken.gallager@nh.gov) hosts GIS Advisory Committee; Fay Rubin (fay.rubin@unh.edu) (NH GRANIT) coordinates data activities.
4. GIS Coordinating Body: NH GIS Advisory Committee
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy:
http://www.granit.sr.unh.edu/cgi-bin/load_file?PATH=/data/userguide.html - Section III
7. GIS Data Standards:
http://www.granit.sr.unh.edu/cgi-bin/load_file?PATH=/data/userguide.html - Section II
8. GIS Budget (including grants, etc.): GRANIT = \$70,000 core funding, plus \$410,000 grant funding.
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No.

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

- Three-year statewide high-resolution orthoimagery acquisition, begun spring 2005.
- Creation of event data for hi-res NHD, through New England Environmental Information Network.
- Phase 1, statewide parcel layer: catalog/inventory existing parcel data.
- Statewide critical wildlife habitat (multi-agency cooperative project).

I. Please list the name, affiliation, and contact information for the custodians of each FGDC “framework” layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Dennis Fowler	NHDOT	603-271-8457	dfowler@dot.state.nh.us
Elevation	N/A			
Geodetic Control	Curt Crow	NGS	603-271-1600	curt.crow@noaa.gov
Transportation	Dennis Fowler	NHDOT	603-271-8457	dfowler@dot.state.nh.us
Boundaries	Robert Moynihan	Univ. NH	603-862-1025	rgm1@christa.unh.edu
Hydrology	Rick Chormann	NHDES	603-271-1975	rchormann@des.state.nh.us
Cadastral	Fay Rubin	GRANIT	603-862-1792	fay.rubin@unh.edu

Contact Information:

Andrew T. Rowan, Ph.D.
GIO
NJ Office of GIS
200 Riverview Plaza
PO Box 212
Trenton, NJ 08625
Phone: 609.633.0276
Fax: 609.633.0200
Email: andrew.rowan@oit.state.nj.us



State GIS Clearinghouse URL: <http://nigin.nj.gov>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Continued development of the NJ Geographic Information Network (NJGIN). Local government participants have developed a great deal of new data and applications. Twelve of the state's 21 counties and three major cities are now participating in the network.
2. Vigorous activity in the state's broadest GIS coordinating body, the NJ Geospatial Forum. NJGF launched seven task forces that have actively been pursuing specific goals.
3. Significant developments in framework data layers. Cadastral layer for over 70% of the state is completed or in production. Acquisition of elevation data using LIDAR is in progress for several counties. Detailed hydrography and land use/land cover statewide is in final QA stages. Detailed road centerline layer for entire state has been completed and released.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Continued progress toward acquisition of statewide orthoimagery and elevation data.
2. Continued development of the NJ Geographic Information Network.
3. Complete implementation of the state's GIT governance structure.

C. Describe the 3 most significant geospatial challenges for your state:

1. Funding.
2. Intergovernmental GIT Coordination.
3. Balancing information sharing with information security.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- Emergency Preparedness Information Network (EPINet): OGIS is working cooperatively with the NJ Domestic Security Preparedness Task Force and Office of Attorney General on the development of a comprehensive geospatial information architecture and solutions environment.
- NJ Mapping Assistance Partnership Program (NJMapp): OGIS is continuing to expand the NJ Geographic Information Network (NJGIN) through the state's incentive based initiative, NJMapp.
- FEMA Flood Map Modernization for NJ: As a Cooperating Technical Partner (CTP), OGIS is assisting FEMA with flood map modernization efforts in a number of counties.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc.:

- NJ Image Warehouse: This web application allows users to find, view and freely download 2002 high-resolution orthos and 1995 DOQQs for the entire state: http://njgin.nj.gov/OIT_IW/index.jsp
- Transportation: OGIS in conjunction with the Department of Law and Public Safety is distributing an Enterprise License of a commercial street dataset to state and local government agencies.
- State GIS Services/Software Contracts: <http://www.state.nj.us/treasury/purchase/noa/contracts/t1841.shtml>
<http://www.state.nj.us/treasury/purchase/noa/contracts/t1842.shtml>

F. Please provide the following information:

1. GIS mission statement: http://www.nj.gov/it/oit/gis/gis_office.html
2. GIS Statutory authority: <http://www.state.nj.us/infobank/circular/eow122.htm>
3. GIS Coordinator: Andrew Rowan
4. GIS Coordinating Body: NJ Office of GIS
5. GIS Personnel Classifications: http://www.state.nj.us/personnel/jobs/title_search.htm
6. GIS Data Distribution Policy: varies by custodian
7. GIS Data Standards: several in progress
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities?

No, but a news channel on NJGIN provides up-to-date information on GIS activities:

<http://njgin.nj.gov>

H. Is your state planning any major data development or data acquisition projects in the next two years?

- Orthoimagery: OGIS is collaborating with USGS and Delaware on a spring 2007 overflight.
- Elevation: OGIS is working with FEMA and several counties to develop a cost-share program for the acquisition of LIDAR-based elevation data in spring 2006.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Suzy Hess	NJ OGIS	609-633-8946	suzy.hess@oit.state.nj.us
Elevation	Suzy Hess	NJ OGIS	609-633-8946	suzy.hess@oit.state.nj.us
Geodetic Control	Josh Greenfeld	NJIT	973-596-5808	greenfeld@adm.njit.edu
Transportation	Don Perry	NJ DOT	609-530-2945	don.perry@dot.state.nj.us
Boundaries	N/A			
Hydrology	Larry Thornton	NJ DEP	609-984-2243	lawrence.thornton@dep.state.nj.us
Cadastral	Numerous	Local		

J. Other comments:

As I write this, the ink is still wet on my appointment as state GIO. I'm excited to be here!

Contact Information:

Amelia M. Budge
Manager, Clearinghouse Services
Earth Data Analysis Center (EDAC)
University of New Mexico
MSC01 1110
1 University of New Mexico
Albuquerque, NM 87131-0001
Phone: 505-277-3622, ext. 231
Fax: 505-277-3614
Email: abudge@edac.unm.edu



State GIS Clearinghouse URL: <http://rgis.unm.edu>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Coordinated statewide acquisition of digital orthophoto quarter quads.
2. Initiated steps for establishing a Geospatial Resource Center for the state.
3. Initial coordination with FEMA on the Multi-year Flood Hazard Identification Plan.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Secure funding source(s) for establishing the Geospatial Resource Center.
2. Process and distribute newly acquired DOQQ data.
3. Upgrade statewide clearinghouse (RGIS) capabilities and services.

C. Describe the 3 most significant geospatial challenges for your state:

1. Coordinating and implementing statewide parcel mapping.
2. Recognition of GIT by Executive Branch of state government and NM Office of Homeland Security.
3. Governor's IT consolidation and budgeting constraints.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- Office of the State Engineer and the Department of Environment are cooperating to develop a GIS for all wells in the state, known as the "Wells Exchange System."
- The Geospatial Data Acquisition Coordinating Committee (GDACC) undertook an exceptional effort to bring together agencies from Federal, state, tribal, and local governments to amass enough financial resources to support an overflight for 1-meter digital orthophoto quarter quads for the entire state of New Mexico.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

- The coordination effort by the GDACC for acquiring the DOQQs was the first of its kind in New Mexico concerning data acquisition. Previous acquisitions usually were coordinated among Federal agencies that have interests/responsibilities in NM.
- Governor's IT Consolidation Executive Order seeks to coalesce IT-related purchasing, personnel, planning, and eventually GIS activities in state agencies.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: See GAC Strategic Plan (formerly GISAC)
http://www.gisac.state.nm.us/docs/GISACPlan2004_DRAFT.doc
2. GIS Statutory authority:
 - a. 1987 Executive Order 87-17 establishing NMGIC as coordinating body
 - b. 1999 Information Systems Management Act established ITC and GISAC (GAC)
 - c. 1999 enacted HB 795 (amended NMSA 7-38-9) for a uniform system of real property description and directed the state Taxation and Revenue Dept to promulgate same
 - d. 2003 Executive Order 2003-018 establishing GDACC
3. GIS Coordinator: None
4. GIS Coordinating Body: Geospatial Advisory Committee (GAC)
5. GIS Personnel Classifications: None (State Personnel Office study in progress)
6. GIS Data Distribution Policy: no formal requirements; distribution via RGIS Clearinghouse
7. GIS Data Standards: Small scale standards; FGDC Content Standard for Metadata
8. GIS Budget (including grants, etc.): no figures at present
9. Other GIS policies, publications, RFP's, etc.: Striving to obtain statewide purchase agreement for GIT products that is not vendor-specific

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes, NMGIC MapLegend newsletter; websites for NMGIC (<http://nmgic.unm.edu>) and GAC (<http://www.gisac.state.nm.us>)

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

N/A

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Gar Clarke	OSE	505-827-6192	george.clarke@state.nm.us
Elevation	N/A	USGS		
Geodetic Control	Bill Stone	NGS	505-277-3622 x252	william.stone@noaa.gov
Transportation	Glenn Condon	NMDOT	505-827-5229	glenn.condon@nmshtd.state.nm.us
Boundaries	N/A			
Hydrology	Gar Clarke	OSE	505-827-6192	george.clarke@state.nm.us
Cadastral	N/A			

Contact Information:

William F. Johnson
Assistant Deputy Director & CIO
NYS Office of Cyber Security &
Critical Infrastructure Coordination
30 South Pearl St
Floor P2
Albany, NY 12207-3425
Phone: 518-474-0865
Fax: 518-402-3799
Email: william.johnson@cscic.state.ny.us



State GIS Clearinghouse URL: www.nysgis.state.ny.us

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Completion of a new statewide streets and addresses file with ongoing maintenance.
2. Secured annual funding for statewide orthoimagery program.
3. Formed stakeholder work group to develop cadastral data standard.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Development of a data maintenance program which partners with local governments to capture updates as close to the source as possible.
2. Completion of a new "preferred standard" for cadastral data.
3. Completion of a new Critical Infrastructure Response Information System and deployment to emergency response officials (state and local) across the state.

C. Describe the 3 most significant geospatial challenges for your state:

1. Development of a data maintenance program (see B1 above).
2. Maintaining momentum among volunteer participants across the state.
3. Maintaining adequate funding.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- Recent MOA signed with Census Bureau allowing them to use our new statewide street and address file for inclusion into TIGER.
- Partnering with USGS on use of Terraserver as an OGC-compliant image web service for our high-resolution orthoimagery.
- Deploying Critical Infrastructure GIS to state and local emergency responders.
- Working with local governments and our state Tax & Finance agency to roll out a new sales tax application based on addresses.
- Developing data maintenance plans in cooperation with local governments.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

Developing new Critical Infrastructure Response Information System (CIRIS) using an Oracle spatial data warehouse and highly innovative data catalog concept which removes the requirement for normalizing the data into a single data model. CIRIS is under development now with completion and deployment scheduled for fall 2005 and winter 2006.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown):

1. GIS mission statement: <http://www.nysgis.state.ny.us/coordinationprogram/>
2. GIS Statutory authority: No statutory authority. See Technology Policy 96-18
http://www.ofc.state.ny.us/policy/tp_9618.htm
3. GIS Coordinator: William F. Johnson
4. GIS Coordinating Body:
<http://www.nysgis.state.ny.us/coordinationprogram/workgroups/details/?ID=10>
5. GIS Personnel Classifications: Variety of job titles used; currently under review
6. GIS Data Distribution Policy: http://www.ofc.state.ny.us/policy/tp_976.htm and
<http://www.nysgis.state.ny.us/coordinationprogram/cooperative/agreement.cfm>
7. GIS Data Standards:
http://www.nysgis.state.ny.us/coordinationprogram/workgroups/wg_1/related/standards/index.html
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.:
 - a. Reports, etc. at: <http://www.nysgis.state.ny.us/coordinationprogram/reports/>
 - b. On-line GIS Help Desk: <http://www.qishost.com/qishelpdesk/>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes, see: <http://www.nysgis.state.ny.us/outreach/gist/>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

New RFP for the next two to five years in our statewide orthoimagery program being released this fall.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Tim Ruhren	CSCIC	518-474-5212	tim.ruhren@cscic.state.ny.us
Elevation	Ricardo Lopez	DEC	518-402-8259	rxlopez@gw.dec.state.ny.us
Geodetic Control	Steve Roden	DOT	518-485-1385	sroden@dot.state.ny.us
Transportation	Frank Winters	DOT	518-485-7487	fwinters@dot.state.ny.us
Boundaries	Cheryl Benjamin	CSCIC	518-474-5212	cheryl.benjamin@cscic.state.ny.us
Hydrology	Larry Alber	DEC	518-402-9873	lalber@gw.dec.state.ny.us
Cadastral	Laurie Morin	ORPS	518-486-9589	laurie.morin@orps.state.ny.us

Contact Information:

Zsolt Nagy
State Coordinator
Center for Geographic Information & Analysis
20322 Mail Service Center
Raleigh, NC 27699-0322
Phone: 919-733-2090
Fax: 919-715-0725
Email: zsolt.nagy@ncmail.net



State GIS Clearinghouse URL: <http://www.cgia.state.nc.us>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. NC OneMap: The Geographic Information Coordinating Council advanced the implementation of NC OneMap (www.nconemap.com). It increased participation in the program to 62 communities, with another 48 that are in the planning or development stages. The Council received the prestigious "Special Achievement in GIS Award" at the 2005 ESRI User's Conference for its leadership with NC OneMap. Reports and presentations of the Council, including the 2005 Annual Report to the Governor and General Assembly are on-line at www.cgia.state.nc.us/gicc.
2. Stream Mapping: The *Studies Act of 2004* and the *Hurricane Recovery Act, Session Law 2005-1*, resulted in a 'comprehensive plan' and an initial implementation of high resolution stream mapping for nineteen western counties declared as federal disaster areas. The detailed stream mapping will be based on LIDAR-derived elevation data and aerial imagery. The work will result in digital maps of streams depicted to the 6-acre drainage level. The data will be based on the National Hydrographic Data Model and include annotation to show areas of significant actual or potential stream bank erosion.
3. Statewide Tools: An inventory of conservation lands with an associated web mapping application was completed (www.onencnaturally.org/pages/mapviewer.html). Also, web-mapping functions for the NC Flood Inundation Mapping and Alert Network are scheduled for release in September 2005.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Increase participation, content, relevancy, and functionality of NC OneMap; transfer the host site from USGS to CGIA servers in Raleigh;
2. Continue to seek and acquire sustainable funding for NC OneMap and its participants.
3. Meet the obligations for development of detailed stream mapping and applications pursuant to *Hurricane Recovery Act, Session Law 1*.

C. Describe the 3 most significant geospatial challenges for your state:

1. Making the detailed business case that clearly shows the cost/benefit for making the \$93.8 million five-year investment called for in the NC OneMap plan
2. Achieve sustained funding for the NC OneMap Program.
3. Implementing common data models and content specifications among numerous information providers from local, regional, and state government.

D. Describe significant cooperative efforts with Federal, State, Tribal, or Local partners:

- The continuing collaboration of local governments in local-to-local, regional, statewide and nationwide geospatial initiatives is clearly the most significant ongoing cooperative

effort. The success-to-date of the implementation of NC OneMap could not be possible without the leadership and participation of numerous representatives from local government and regional organizations;

- The USGS National Geospatial Programs Office developed a cost share agreement with the State of North Carolina for the distribution of federal funds through the state to counties for orthoimagery collection. With oversight from the Council, funds are being distributed by CGIA under contract with each county. Other federal agencies are being encouraged to support local government geospatial collections through this mechanism;
- The NC Floodplain Mapping Program completed the final collection phase for statewide LIDAR elevation data. The USGS contributed nearly \$1 million in cost share.

E. Describe any innovative applications, best practices, major contracts, etc.

- North Carolina State Government, through efforts of the Council and support from the NC Office of Information Technology, agreed to terms with ESRI on an Enterprise License Agreement;
- As part of the 2005 Hurricane Recovery Act, the NC General Assembly appropriated \$2.7 million for an initial phase of the statewide stream mapping project and \$10 million to complete engineering and mapping for Phase III floodplain mapping.

F. Please provide the following information:

1. GIS mission statement: N/A
2. GIS Statutory authority: NC General Statute (Article 76 §143-725 through 143-727)
3. GIS Coordinator: Center for Geographic Information & Analysis
4. GIS Coordinating Body: Geographic Information Coordinating Council
5. GIS Personnel Classifications: GIS Technician, Computing Consultant Series, Applications Programmer Series
6. GIS Data Distribution Policy: NC Public Records Law
7. GIS Data Standards: www.cgia.state.nc.us/gicc/standards
8. GIS Budget (including grants, etc.): The Coordination Program operates on overhead as part of the Division's (CGIA) receipt-based budget of approx \$1.5 million. The resources of many partners are leveraged to meet expectations. Funding required statewide for the 5 year plan for NC OneMap is \$93.8 million.
9. Other GIS policies, publications, RFP's, etc. www.cgia.state.nc.us/gicc

G. Does your state regularly publish a newsletter about its GIS activities?

No

H. Is your state planning major data development or acquisition projects?

(see D and E above)

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state. (The following representatives are members and/or participate on the Council's Statewide Mapping Advisory Subcommittee.)

Framework Layer	Contact Name	Agency / Org	Phone
Orthoimagery	Gary Thompson	NC Geodetic Survey	919.733.3836
Elevation	John Dorman	NC Floodplain Mapping Program	919.715.5711
Geodetic Control	Gary Thompson	NC Geodetic Survey	919.733.3836
Transportation	L.C. Smith	NC Dept. of Transportation	919.212.6002
Boundaries	Gary Thompson	NC Geodetic Survey	919.733.3836
Hydrography	Joe Sewash	NC Center for Geo. Info. & Analysis	919.733.2090
Cadastral	Rex Minneman	NC Land Records Mngt. Program	919.807.2206

NORTH DAKOTA

Contact Information:

Bob Nutsch
GIS Coordinator
Information Technology Department
600 East Boulevard Ave.
Dept. 112
Bismarck, ND 58505
Phone: 701-328-3212
Fax: 701-328-3000
Email: bnutsch@state.nd.us



State GIS Clearinghouse URL: <http://www.nd.gov/gis>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Implementation of a GIS in schools program for K-12 and community colleges.
2. Legislature approved continuation of funding for the 2005-2007 Biennium.
3. Development of several new web-based applications.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Updated 10-meter or DEMs compatible with the NED.
2. Statewide road centerlines.
3. Continuation of the hydrologic unit delineation and surficial aquifer update programs.

C. Describe the 3 most significant geospatial challenges for your state:

1. Development of a statewide road centerline layer. A vendor had been selected for a statewide centerline project when it was cancelled in July 2004.
2. Continued growth of collaboration with local government to enhance data development and streamlining of geospatial activities.
3. Development of a statewide cadastral layer.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- The state partnered with the City of Bismarck to acquire 6" color photography.
- An OGC-standard web service was deployed as a result from a USGS grant.
- A joint funding agreement is currently in place with the USGS to develop 1:24k hydrographic data, compatible with the NHD.
- The state has signed an MOU with a consortium of North Dakota and Minnesota city and county governments in the southeast corner of North Dakota to collaborate in geospatial activities.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

- Game and Fish Department – interactive map displaying of data including data download
- Department of Agriculture – interactive map displaying groundwater pesticide sensitivity used by pesticide applicators

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: <http://www.state.nd.us/gis/about/goals/>
2. GIS Statutory authority: <http://www.state.nd.us/gis/about/enabling/execorder200106/index.html>
3. GIS Coordinator: Bob Nutsch, Information Technology Department
4. GIS Coordinating Body: <http://www.state.nd.us/gis/about/gistech/membership/index.html>
5. GIS Personnel Classifications: <http://www.state.nd.us/hrms/comp/index/classes.asp>
then type 'geographic' in title field of the search tool
6. GIS Data Distribution Policy: North Dakota is an open records state.
7. GIS Data Standards: <http://www.state.nd.us/gis/resources/standards/>
8. GIS Budget (including grants, etc.): Less than \$700,000 per Biennium.
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

- State-wide seamless layer of the 2004 and 2005 NAIP.
- Development of a state-wide road centerline layer based on the best available data sources.
- Acquisition of 10-meter or better data for the NED.
- Acquisition of data for NHD development.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Bob Nutsch (depends on which ortho, contact Bob)	Information Technology Department	701-328-3212	bnutsch@state.nd.us
Elevation	Rod Bassler	State Water Commission	701-328-4998	rbassler@state.nd.us
Geodetic Control	Rod Bassler	State Water Commission	701-328-4998	rbassler@state.nd.us
Transportation	Brian Bieber	Department of Transportation	701-328-2649	bbieber@state.nd.us
Boundaries	Bob Nutsch (depends on which boundary, contact Bob)	Information Technology Department	701-328-3212	bnutsch@state.nd.us
Hydrology	Rod Bassler	State Water Commission	701-328-4998	rbassler@state.nd.us
Cadastral	N/A			

Contact Information:

Stu Davis
Administrator
Enterprise Shared Services
Service Delivery Division
Ohio Office of Information Technology
77 South High Street, Room 1990
Columbus, Ohio 43215
Phone: 614-466-4747
Fax: 614-728-5297 fax
Email: stu.davis@ohio.gov



State GIS Clearinghouse URL:

<http://metadataexplorer.gis.state.oh.us/metadataexplorer/explorer.jsp>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Establishment of the Location Based Response System (LBRS) - The Location Based Response System is a statewide program that establishes partnerships between state and local government for the creation and maintenance of locally generated high-resolution spatial data. The initial emphasis is to create a high-accuracy street centerline layer with address ranges and site-specific address points for the entire state. Of the 88 counties, we have completed nine counties, with five more in progress and have 20 counties reviewing program documents (Memorandum of Agreement, LBRS Specifications, Project Selection Criteria, etc.) in anticipation of participation.
2. Expansion of the GIServOhio – in 2004 OGRIP established a spatial data server for data discovery and distribution. Existing functionality will be enhanced to incorporate web-based mapping services for imagery, vector, and FGDC compliant metadata. Services currently supported are discovery and access of spatial data and imagery provisioning.
3. Improved Statewide School District Boundary Layer - In support of School Income Tax Administrators, Taxation created a service that allows administrators and the public to determine school district tax rates. The Census School District Boundary file was compared to geocoded registered voters, anomalies identified, researched and boundaries adjusted accordingly. This improved School District Boundary file was then supplied to Census. Comparisons of school district boundaries to parcel data are ongoing.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Continuation of the Location Based Response System (LBRS) – continued roll out of this partnership program with local government. This partnership provides a springboard for numerous other efforts such as the continued Improvement of Cultural Boundaries (School and Tax Districts, Municipal boundaries, Fire Districts, etc.). State and regional programs using local data provide a more accurate and maintained representation of reality and more confidence and reliability in the spatial analysis for selected programs.
2. Strategy for statewide parcel development – Various state initiatives have elevated the need for parcel-based information to support taxation, education, agriculture, and homeland security. Ohio continues to work with county officials to develop a statewide parcel fabric that includes parcel boundaries, parcel attributes and property characteristics.

3. Strategy for Statewide Imagery Program – A strategy and draft specification has been developed to support the periodic capture of statewide imagery a 1' pixel resolution. Funding discussions are taking place and administrative issues are being addressed at this time.

C. Describe the 3 most significant geospatial challenges for your state:

1. Funding – Identifying, locating obtaining and sustaining funding as well as aligning funding for multi-agency and multi-governmental initiatives.
2. Institutional issues – Continue to tip toe around “turf” issues.
3. Moving quickly – Moving quickly at all levels of government is a relative term. Our ability to strike on issues while they are hot is difficult within government constructs.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

See sections A and B above.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

N/A

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown):

The majority of requested information can be found on the OGRIP website at www.das.ohio.gov/itsd/ess/ogrip

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a link if available.

See F above.

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

See sections A and B above.

I. Please list the Name, Organization, and contact information for the custodians of each FGDC “framework” layer in your state.

(The identified individuals represent the chairs of the OGRIP sponsored Ohio Framework Task Forces. Elevation was folded into the Imagery Task Force)

Framework Layer	Contact Name	Agency	Phone	Email / URL
Orthoimagery	Brian Burke	ODA	614-995-1487	burke@odant.agri.state.oh.us
Elevation				
Geodetic Control	David Conner	NGS	614-292-1619	conner@cfm.ohio-state.edu
Transportation	Dave Blackstone	ODOT	614-466-2594	dave.blackstone@dot.state.oh.us
Boundaries	Stu Davis	OIT	614-466-4747	stu.davis@ohio.gov
Hydrology	David White	OEPA	(614) 644-3677	david.white@epa.state.oh.us
Cadastral	Dave Burgei	Fairfield County	(740) 687-7122	dburgei@co.fairfield.oh.us

OKLAHOMA

Contact Information:

Mike Sharp
Director Information Technology
Oklahoma Conservation Commission
2800 N. Lincoln Blvd., Suite 160
Oklahoma City, OK 73105
Phone: 405-521-4813
Fax: 405-521-6686
Email: mikes@okcc.state.ok.us



State GIS Clearinghouse URL: <http://www.geo.ou.edu/> (Maintained by Geo Information Systems at the University of Oklahoma in support of the State GIS Council activities.)

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Initiated a pilot project to develop a statewide data integration program for locally maintained centerline data.
2. Laid the groundwork to develop funding for a State Geographic Information Office and Coordinator.
3. Statewide NAIP (2003) orthoimagery added to the National Map courtesy of a new private industry partnership.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Fund and open the State Geographic Information Office and Coordinator position.
2. Expand the statewide centerline data integration program to include further participation by State and local organizations.
3. Increase participation level in regional and national geospatial professional organizations.

C. Describe the 3 most significant geospatial challenges for your state:

1. Funding both for a State Coordinator office and to support GIS activities within individual agencies.
2. The long-term consequences of not having a State Coordinator (highly independent programs within local, county, and state agencies).
3. Professional outreach/networking among GIS professionals within the State and outside of the State in the region and nation.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- Established the first private partnership in the USGS National Map program.
- With the new centerline pilot program, have begun a cooperative effort to take locally-developed data layers and integrate them into a standardized statewide layer for road line work and addressing. The new integrated data will provide the base features against which upon which other boundary files will be edited, and all of these data will be available through the national map. Beginning efforts are for 3 counties, with funding from State Election and Tax agencies, and support from the USGS CAP program. In the long run, participation will be extended to include more local, tribal, and state partners.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

Again, the above-mentioned centerline program represents the most significant activity. It is made possible by the willingness of the Election and Tax agencies to work together in ways that support both the voter registration and the Streamlined Sales Tax programs.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: The current mission statement (which can be found at <http://okmaps.onenet.net/mission.htm>) is obsolete. A new one must be developed as soon as the State Coordinator office can be established.
2. GIS Statutory authority: HB 2457 from the 2004 Oklahoma Legislature contains the new authorities that were effective November 1, 2004. Full implementation is contingent upon funding.
3. GIS Coordinator: Pending funding and filling new position. Mike Sharp is the chair of the GIS Council and currently serves in a coordinating capacity.
4. GIS Coordinating Body: Oklahoma State GIS Council (<http://okmaps.onenet.net/index.html>)
5. GIS Personnel Classifications: none
6. GIS Data Distribution Policy: none
7. GIS Data Standards: none
8. GIS Budget (including grants, etc.): none
9. Other GIS policies, publications, RFP's, etc.: none

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

No

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state. If there are no official custodians for a particular layer, please use N/A.

Oklahoma has no official framework layer custodians at this time.

Contact Information:

Cy Smith
Statewide GIS Coordinator
Department of Administrative Services
1225 Ferry St. SE, 2nd Floor
Salem, OR 97301
Phone: 503-378-6066
Fax: 503-373-1424
Email: cy.smith@state.or.us



State GIS Clearinghouse URL: <http://www.oregon.gov/DAS/IRMD/GEO/>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Business Case completed for 'navigatOR', Oregon's geospatial information utility.
http://egov.oregon.gov/DAS/IRMD/GEO/docs/ogic/GIS_UtilityBusinessCaseV4.pdf
2. NAIP orthoimagery consortium formed and half-meter, color imagery under construction, to be delivered by end of 2005.
http://www.oregon.gov/DAS/IRMD/GEO/coordination/ortho_2005.shtml
3. GIS Community approved, and Council endorsed, four new data content standards for Geodetic Control, Cadastral, Addressing, and GeoScience; 11 endorsed, 7 more to go.
<http://www.oregon.gov/DAS/IRMD/GEO/standards/standards.shtml>

B. Describe your state's top 3 geospatial goals for the coming year:

1. Convince all governments in Oregon to take the steps to implement navigatOR in five years.
2. Implement the standard data license with all counties in Oregon.
3. Develop/implement the navigatOR portal to provide discovery and access to all geodata.

C. Describe the 3 most significant geospatial challenges for your state:

1. Data access issues are significantly impeding our ability to share data.
2. Convincing state agencies and the Governor to significantly increase investment in GIS.
3. Coordinating the large volume of data development and web services activity.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- Developed, and implementing, standard data license with all local partners based on models developed by Open Data Consortium and Bay Area Regional Council.
- Working with all federal, state, tribal, and local partners to implement components of navigatOR.
- Worked with the Pacific Northwest Regional Geospatial Information Council (PNW-RGIC, formerly Interorganizational Resource Information Coordinating Council) to modify their charter to reflect a broader constituency and to become a federal/state regional coordinating body for all geospatial issues in the Pacific Northwest. PNW-RGIC has developed new strategy and beginning development of implementation plans for each strategic goal.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

Business case for implementation of geospatial information utility completed in draft form. See link above.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: http://www.oregon.gov/DAS/IRMD/GEO/about_us.shtml
2. GIS Statutory authority: http://www.oregon.gov/DAS/IRMD/GEO/ogic/docs/eo00_02.pdf
3. GIS Coordinator: Cy Smith
4. GIS Coordinating Body: <http://www.oregon.gov/DAS/IRMD/GEO/ogic/OGIC.shtml>
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: http://www.oregon.gov/DAS/IRMD/GEO/ogic/docs/Framework_Data_License_Final_Draft.doc
7. GIS Data Standards: <http://www.oregon.gov/DAS/IRMD/GEO/standards/standards.shtml>
8. GIS Budget (including grants, etc.): ~\$1.6M/biennium
9. Other GIS policies, publications, RFP's, etc.: <http://www.oregon.gov/DAS/IRMD/GEO/>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years?

Yes; orthoimagery, roads/addresses, cadastral, floodplains, geology, hydro, boundary

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Randy Sounhein	State Lands Dept.	503-378-3805 x270	randy.sounhein@state.or.us
Elevation	Emmor Nile	Forestry Dept.	503-945-7418	emmor.h.nile@state.or.us
Geodetic Control	Ken Bays	Transportation Dept.	503-986-3543	kenneth.bays@state.or.us
Transportation	Dennis Scofield	Transportation Dept.	503-986-3156	dennis.j.scofield@state.or.us
Boundaries	Diana Walker	Agriculture Dept.	503-986-4788	diana.l.walker@state.or.us
Hydrology	Bob Harmon	Dept. Water Resources	503-986-0866	robert.c.harmon@state.or.us
Cadastral	Brett Juul	Revenue Dept.	503-945-8336	brett.a.juul@state.or.us

J. Other comments:

Sharing ideas, documents, concepts, etc., with other states through NSGIC is a tremendous benefit. An even greater benefit is the leadership and coordination NSGIC provides on all our behalf on national geospatial issues, including standards, federal initiatives coordination, and NSDI/Framework.

PENNSYLVANIA

Contact Information:

Jim Knudson
Director
Bureau of Geospatial Technologies
Office of Administration
Office for Information Technologies
PO Box 1438
555 Walnut St., 7th Floor
Harrisburg, PA 17120
Phone: 717-705-9844
Fax: 717-705-9112
Email: jknudson@state.pa.us



State GIS Clearinghouse URL: <http://www.pasda.psu.edu>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Flew 28 counties in our PAMAP imagery/basemap program this spring.
2. Developed Geospatial Enterprise Server Architecture with a centralized geospatial enterprise database and an application hosting environment. Developing a GEA.
3. Implementation of a geospatial application portal project using DHS ITEP grant funding.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Complete first high resolution PAMAP imagery capture for the Commonwealth in Spring 2006; start an imagery maintenance program plan and start on elevation if funding can be found.
2. Cyclical agency updates to the enterprise geospatial data repository and data sharing with local governments and first responders. Develop a PAMAP vector sharing plan.
3. Start a state GIS council to involve the larger enterprise in decision-making.

C. Describe the 3 most significant geospatial challenges for your state:

1. Sustainable resources – personnel and funding for important initiatives like PAMAP, GEA.
2. Variable capacity and capability among local government partners to contribute to PAMAP, agree to a mutually acceptable vector sharing plan, and participate in a state/local partnership required for PAMAP to be successful.
3. Lack of authorizing legislation leads to multiple coordination efforts.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- DEP NHD Maintenance Partnership with USGS
- BGT ITEP Grant project with DHS
- OIT MOU with DHS CIO Office
- FEA Geospatial Profile Involvement by BGT
- USGS Liaison in DCNR
- PAMAP Program depends on county data inputs and maintenance

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

- IRRIS/GEARS Geospatial Portal for PA

- Standards for Geospatial Interoperability
- PA Geospatial Data Sharing Standards 2.0
- BAE contract for PAMAP Imagery Acquisition

F. Please provide the following information: (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement:
<http://www.oit.state.pa.us/bgt/cwp/view.asp?a=643&q=185769>
2. GIS Statutory authority::
<http://www.oa.state.pa.us/oac/cwp/view.asp?A=351&Q=185706>
3. GIS Coordinator: <http://www.gis.state.pa.us/>
4. GIS Coordinating Body: PAMAGIC (external/informal): <http://www.pamagic.org>
5. GIS Personnel Classifications: Working on it
6. GIS Data Distribution Policy: N/A
7. GIS Data Standards: PA Geospatial Data Sharing Standards 2.0
<http://www.pamagic.org/pamagic/cwp/view.asp?a=2021&q=502673>
8. GIS Budget (including grants, etc.): \$4,500,000 for 2005
9. Other GIS policies, publications, RFP's, etc.: <http://www.gis.state.pa.us>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

BGT is working on one, but not yet. At this point, we have a regularly updated briefing sheet and a strategic plan draft starting to circulate. PaMAGIC News emails notifications to 400 registrants as do some of the regional Councils of Government. PAMAP has produced several newsletters.

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Yes. PAMAP Statewide Basemap <http://www.dcnr.state.pa.us/topogeo/pamap>

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Jay Parrish	DCNR	717-702-2053	jayparrish@state.pa.us
Elevation	Jay Parrish	DCNR	717-702-2053	jayparrish@state.pa.us
Geodetic Control	Brad Foltz	PENNDOT	717-346-4278	lbholtz@state.pa.us
Transportation	Frank Desendi	PENNDOT	717-787-3738	fdesendi@state.pa.us
Boundaries	Frank Desendi	PENNDOT	717-787-3738	fdesendi@state.pa.us
Hydrology	Ebby Abraham	DEP	717-772-5890	eabraham@state.pa.us
Cadastral	N/A	TBD		

J. Other comments:

PaMAGIC, CCAP, PAMAP, and BGT are working with the Legislative Office for Research Liaison (LORL) and the House Intergovernmental Affairs Subcommittee to determine the membership of a state GIS council. Counties are creating a County GIS Professionals Group to clarify needs and advocate for county interests. BGT has a draft Strategic Plan in review and plans to solicit input from the larger enterprise. Some of the Regional Counter-Terrorism Task Forces (RCTTFs) have started GIS subcommittees.

RHODE ISLAND

Contact Information:

John Stachelhaus
RIGIS Coordinator
RI Dept. of Administration
Statewide Planning Program-RIGIS
One Capitol Hill
Providence, RI 02908-5872
Phone: (401) 222-6483
Fax:
Email: rigis@admin.ri.gov



State GIS Clearinghouse URL: <http://www.edc.uri.edu/rigis>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Continued Enhancement of RIGIS database with new data and updates.
2. Moved forward on web access improvements for data distribution including a metadata establishing a clearinghouse.
3. Completed a Strategic Plan for the RIGIS.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Continue enhancements of RIGIS Database including new statewide orthos and vector landuse data.
2. Continue efforts to improve data access including implementation of a state geospatial portal using the ESRI portal toolkit.
3. Continue an ongoing effort to create a statewide GIS network for government agencies.

C. Describe the 3 most significant geospatial challenges for your state:

1. Lack of funding.
2. Lack of staff.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- The University of Rhode Island, a RIGIS participant has been awarded a USGS CAP grant for online RIGIS feature data distribution.
- The RIGIS has voiced an interest to USGS/NGA for cooperation in obtaining high resolution imagery in 2006.
- The RIGIS is working with US Census for continued enhancements to TIGER files based on RIGIS geography.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

N/A

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: www.planning.state.ri.us and www.edc.uri.edu/RIGIS
2. GIS Statutory authority: www.planning.state.ri.us and www.edc.uri.edu/RIGIS
3. GIS Coordinator: www.planning.state.ri.us and www.edc.uri.edu/RIGIS

4. GIS Coordinating Body: www.planning.state.ri.us and www.edc.uri.edu/RIGIS
5. GIS Personnel Classifications: With Department of Administration, Human Resources
6. GIS Data Distribution Policy: www.edc.uri.edu/RIGIS
7. GIS Data Standards: www.edc.uri.edu/RIGIS
8. GIS Budget (including grants, etc.): With individual state agencies
9. Other GIS policies, publications, RFP's, etc.: www.planning.state.ri.us and www.edc.uri.edu/RIGIS

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

The RIGIS has voiced an interest to USGS/NGA for cooperation in obtaining high resolution imagery in 2006. We are continuing to work on statewide building addressing and identification and road centerline enhancements with our state E-911 agency. We will be developing a new statewide land cover/land use vector data set to update 1995 material.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	RIGIS Coordinator	RI Dept. of Admin.	401-222-6483	rigis@admin.ri.gov
Elevation	N/A			
Geodetic Control	RIGIS Coordinator	RI Dept. of Admin.	401-222-6483	rigis@admin.ri.gov
Transportation	RIDOT GIS Manager	RI DOT		skut@dot.state.ri.us
Boundaries	RIGIS Coordinator	RI Dept. of Admin.	401-222-6483	rigis@admin.ri.gov
Hydrology	RIDEM GIS Manager Coordinator	RI Dept. of Environmental Management		Paul.Jordan@dem.ri.gov
Cadastral	Individual cities and towns			

SOUTH CAROLINA

Contact Information*:

Wm. Lynn Shirley
Chairman, State Mapping Advisory Committee
University of South Carolina
Geography Dept.
Callcott Bldg.
Columbia, SC 29208
Phone: 803-777-4590
Fax: 803-777-4972
Email: lynn@sc.edu



*Official State contact should be in place by January 2006.

State GIS Clearinghouse URL: No central clearinghouse currently exists, but several agencies and counties provide data through their individual web sites or pseudo-clearinghouses.

- Dept. of Natural Resources (DNR): <http://www.dnr.state.sc.us/water/nrima/gisdata/>
- Dept. of Health & Environmental Control (DHEC): <http://www.scdhec.net/eqc/gis/>
- University of South Carolina: <http://www.cla.sc.edu/gis/dataindex.html>
- SC Geodetic Survey: <http://www.scgs.state.sc.us/>
- Link to individual counties at: <http://www.state.sc.us/counties>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Governor's office support for multi-agency initiative to fund GIS coordinator position.
2. Interactive website by the DHEC and continued agency-wide GIS coordination through SIGIS (Shared & Integrated Geographic Information System):
<http://scangis.dhec.sc.gov/scan/> and <http://www.scdhec.gov/gis>
3. Initiated development of an on-line, statewide GIS data catalog with shared responsibility among agencies for maintenance of the catalog.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Establish a formal GIS Coordination Council by consolidating existing coordination efforts and groups from various levels of government.
2. Hire a GIS Coordinator.
3. Develop state GIS data portal.

C. Describe the 3 most significant geospatial challenges for your state:

1. Building a business case for enterprise GIS by communicating the value of spatial technology in the public and private sectors to all agency heads
2. Integrating state agency and county and municipal government concerns into a functioning coordination unit.
3. Identify, investigate and create revenue funding streams for all facets of GIS including the assignment of custodial responsibility and maintenance of data

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- SMAC and the state's ESRI user group are sponsoring a GIS conference in Jan. '06.
- The state DNR coordinated cooperative funding agreements with various state and federal agencies to develop a statewide Digital Ortho Quarter Quadrangle (DOQQ) database, to be made available at www.dnr.state.sc.us

- In September of 2005, NRCS, USGS and DHEC cooperatively will publish the new 10-12 hydrologic unit data (SC WBD Dataset). DHEC and DNR are also working with the USGS to fund the completion of the high resolution National Hydrologic Data (NHD) by the end of 2006.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

ReachSC – Geographic-based Reverse 911 system that integrates remote geospatial data services into a centralized application at the State Emergency Management Division.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: None
2. GIS Statutory authority: Various agencies have legislative authority over specific data collection and analysis responsibilities, but there is no broad statutory authority over GIS other than hardware and software procurement through the State CIO.
3. GIS Coordinator: SMAC Chairman serves as interim point-of-contact as a body
4. GIS Coordinating Body: (interim) <http://scmapping.net>
5. GIS Personnel Classifications: <http://www.state.sc.us/cgi-bin/ohr/classman2>
6. GIS Data Distribution Policy: Varies by agency
7. GIS Data Standards: Varies by data layer but major layers meet FGDC standards
8. GIS Budget (including grants, etc.): By agency, there is no state GIS budget.
9. Other GIS policies, publications, RFP's, etc.: Agency dependent

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)?

See section D above

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

None official, but custodianship is implied by programmatic responsibilities of the agency.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Jim Scurry Lew Lapine	SC DNR (1:12K) SC Budget & Control Board (1:4,800)	803-734-9494	ScurryJ@dnr.sc.gov
			803-896-7701	llapine@scgs.state.sc.us
Elevation	N/A			
Geodetic Control	Lew Lapine	SC BCB / Geodetic Survey	803-896-7701	llapine@scgs.state.sc.us
Transportation	N/A	SC DOT		
Boundaries	N/A	SC BCB Board		
Hydrology	Jim Scurry Jeannie Eidson	SC DNR & SC DHEC		
Cadastral	N/A			

SOUTH DAKOTA

Contact Information:

Stephen Daw
State GIS Coordinator
Bureau of Information & Telecommunications
BIT/DENR
523 E. Capital Ave.
Pierre, SD 57501
Phone: 605-773-4750
Fax: 605-773 5286
Email: stephen.daw@state.sd.us



State GIS Clearinghouse URL: N/A

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Additional Data Storage.
2. New SDE Server.
3. New IMS Server.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Successful software upgrades and rollouts.
2. Create an empowered GIS advisory group.
3. Begin systematic address centerline improvement.

C. Describe the 3 most significant geospatial challenges for your state:

1. Activity coordination.
2. State and local communication.
3. Funding.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

Right now we are working on a LIDAR project that encompasses the Missouri river from where it enters the state to where it leaves the state.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: Working on one
2. GIS Statutory authority: Not yet
3. GIS Coordinator: Yes
4. GIS Coordinating Body: Sort of
5. GIS Personnel Classifications: Not yet
6. GIS Data Distribution Policy: Not yet
7. GIS Data Standards: Not yet
8. GIS Budget (including grants, etc.): No
9. Other GIS policies, publications, RFP's, etc.: No

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

N/A

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

N/A

I. Please list the name, affiliation, and contact information for the custodians of each FGDC “framework” layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	N/A			
Elevation	N/A			
Geodetic Control	N/A			
Transportation	Terry Erickson	DOT		
Boundaries	Stephen Daw	BIT		
Hydrology	N/A			
Cadastral	Stephen Daw	BIT		

Contact Information:

Dennis T. Pedersen
Director, GIS Services
Finance & Administration, Office for
Information Resources
16th Floor, Snodgrass TN Tower
312 8th Avenue North
Nashville, TN 37243-0288
Phone: (615) 741-9356
Fax: (615) 532-0471
Email: dennis.pedersen@state.tn.us



State GIS Clearinghouse URL: <http://gis.state.tn.us/>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Successfully increased funding for the Tennessee Base Mapping Program (TNBMP) from \$2.275M to \$3.775M for the FY05/06.
2. Initiated production efforts for the TNBMP for 25 additional counties; successfully developing local partnerships in eight counties.
3. Successfully implemented Location Based Service applications in the Department of Revenue and the Department of Human Services.

B. Describe your state's top 3 geospatial goals for the coming year:

1. With the increased funding, complete TNBMP statewide production for 24 remaining counties.
2. Expand internet and intranet extensible location service featuring static and on-demand geocoding, as well as agency application plug-in functionality.
3. Begin transition from cover/file-based database design to geodatabase design.

C. Describe the 3 most significant geospatial challenges for your state:

1. Funding.
2. Staffing.
3. Coordination.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

The fiscal foundation of the TNBMP is a cost share between the State and local governments across the state. The State continues to have significant success in developing local partnerships for the production of the TNBMP data products. The goal of Federal fiscal participation remains unfulfilled.

E. Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc.:

- The TNBMP, originally scheduled for a five-year completion remains the most dominant data development activity in Tennessee. While the original goal of a 2004 completion is unachievable, the administration's continued commitment to the program with a \$1.5M funding increase should allow completion of the base mapping program in 2007.
- The TN Department of Economic and Community Development, Office of Local Planning Assistance, has completed the development of Tennessee Flood Map Modernization Business Case calling for all FEMA map modernization efforts in TN to be build on the

foundation of the TNBMP produced base map. GIS Services has provided FEMA subcontractors with base map data products for 46 counties to date.

F. Please provide the following information; (enter N/A if not applicable or unknown; also enter a URL if available on the Internet)

1. GIS mission statement: The mission of the GIS Services Division is to provide the highest possible quality geospatial services to users within the State of Tennessee in a timely fashion as economically as possible. The Division will facilitate the efficient and effective management of the human, cultural, and financial, and natural resources of the State of Tennessee, and its local communities. Geospatial services are defined as technical, management, and administrative consulting, data provision, application development and implementation services of spatial information.
(<http://gis.state.tn.us/>)
2. GIS Statutory authority: N/A
3. GIS Coordinator: Dennis Pedersen
4. GIS Coordinating Body: State of TN, Information System Council; Tennessee Geographic Information Council
5. GIS Personnel Classifications: Completed
6. GIS Data Distribution Policy: TCA 10-7-506
7. GIS Data Standards: See TNBMP Technical Specifications at <http://gis.state.tn.us> for Ortho Imagery, base map, and parcel standards.
8. GIS Budget (including grants, etc.): Average \$3.7M per year since inception.
9. Other policies, publications, RFP's, etc.: see <http://gis.state.tn.us>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

N/A

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

N/A

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

N/A

Contact Information:

Michael Ouimet
State GIS Coordinator
Texas Department of Information Resources
PO Box 13564
300 West 15th Street, Suite 1300
Austin, Texas, 78701
Phone: 512.305.9076
Fax: 512.475.4759
Email: michael.ouimet@dir.state.tx.us



State GIS Clearinghouse URL: <http://www.tnris.state.tx.us>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Completed a cooperative partnership for statewide 1 meter DOQ production through the National Agricultural Imagery Program (NAIP) and the Strategic Mapping Program (TWDB/TNRIS) with various state and federal agencies.
2. Completed a revision to the statewide high-resolution National Hydrography Dataset (NHD) at 1:24,000-scale through the USGS NHD Program and the Strategic Mapping Program (TWDB/TNRIS) with various state and federal agencies.
3. Completed the Texas Ecological Assessment Protocol pilot project by EPA, Texas Parks and Wildlife and the Nature Conservancy, which divided the state in to 1 KM grid cells and assessed each for rarity of species, species diversity, and sustainability.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Establish a sustainable funding mechanism to support statewide base mapping needs.
2. Increase the number and effectiveness of geospatial partnerships between state agencies and our regional and local partners.
3. Coordination of agency resources to implement an enterprise GIS for State government that is aligned with goals established by the Texas Geographic Information Council (TGIC) and the State CIO at the Texas Department of Information Resources.

C. Describe the 3 most significant geospatial challenges for your state:

1. Establishing a source of sustainable funding for framework and other base map dataset development.
2. Maintaining sufficient staffing expertise and staffing levels within state government to manage contract projects and implement technical applications.
3. Developing the support infrastructure for a state the size of Texas that will give the GIS coordinating council the ability to outreach and partner with all levels of government and the private sector.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

- The Texas Department of Public Safety and the Texas Department of Transportation worked in collaboration to develop a Crash Records Information System that utilizes GIS technology to locate and analyze traffic accident data. This system will help determine accident patterns and allow the agencies to determine corrective measures.
- A cooperating partnership with USGS, USFS, and TNRIS, has been formed to use current data from the state, local and federal sources to produce new web-generated

1:24,000-scale topographic maps “on-demand” through the National Map web interface.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

The TPWD Law Enforcement Division successfully hosted an emergency response exercise in May 2005. This exercise was innovative in that it utilized field personnel rather than GIS office personnel who may be located far from the incident. The exercise utilized TPWD law enforcement officers to collect field data using GPS units with technical backing from the TPWD GIS Lab. The same law enforcement personnel then uploaded the data to a database and developed situation maps with a GIS for response purposes. TPWD has staff resources across the state with access to helicopters, airplanes, boats and 4-wheel drive vehicles. Thus this approach greatly extends the reach and response times for GIS field data collection for emergency response.

F. Please provide the following information; (enter N/A if not applicable or unknown; also enter a URL if available on the Internet)

1. GIS mission statement: www.tgic.state.tx.us
2. GIS Statutory authority: www.tgic.state.tx.us
3. GIS Coordinator: www.tgic.state.tx.us
4. GIS Coordinating Body: www.tgic.state.tx.us
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: N/A
7. GIS Data Standards: www.tgic.state.tx.us
8. GIS Budget (including grants, etc.): N/A
9. Other policies, publications, RFP's, etc.: www.tgic.state.tx.us

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

TGIC publishes an e-mail newsletter approximately six times a year. To subscribe to the TGIC e-News, e-mail michael.ouimet@dir.state.tx.us with Subscribe TGIC e-News in the subject line with your contact information (*name, title, firm / agency, phone, e-mail, etc.*).

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I. below, if applicable.

- Continuance of the NAIP partnership for statewide 1-meter orthoimagery.
- Development of high-resolution elevation data for selected areas of the State.
- Continued enhancement to National Hydrologic Data.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC “framework” layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery		TWDB/TNRIS	512-463-8337	data@tnris.state.tx.us
Elevation		TWDB/TNRIS	512-463-8337	data@tnris.state.tx.us
Geodetic Control	N/A	N/A	N/A	N/A
Transportation		TWDB/TNRIS	512-463-8337	data@tnris.state.tx.us
Boundaries		TWDB/TNRIS	512-463-8337	data@tnris.state.tx.us
Hydrology		TWDB/TNRIS	512-463-8337	data@tnris.state.tx.us
Cadastral	N/A	N/A	N/A	N/A

Contact Information:

Dennis Goreham
Manager
Automated Geographic
Reference Center
5130 State Office Building
Salt Lake City, UT 84114
Phone: 801-538-3163
Fax: 801-538-3317
Email: dgoreham@utah.gov



State GIS Clearinghouse URL: <http://agrc.utah.gov>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. New legislation: The 2005 Legislative Session was one of the most significant in many years, with three major pieces of legislation being passed. All are available at <http://le.utah.gov/session/2005/bills.htm>.
 - a. HB113 standardized the way all civil boundaries are created, modified, certified and processed into a GIS representation. It also required the development of a statewide standardized parcel database and established a Surveyor position within state government at AGRC to oversee cadastral activities.
 - b. HB109 consolidated most IT function across state agencies including enterprise GIS. For the first time, it requires state agencies to include data development activities in their IT planning process.
 - c. HB216 established and funded a statewide Global Positioning Reference Network. This is intended to provide real time survey grade network solutions for GPS users.
2. Enhance Web mapping and data access: AGRC manages the State Geographic Information Database that contains many layers of geographic data including streets with addresses, political boundaries, homeland security infrastructure, etc. A listing of statewide geographic datasets can be viewed at: http://agrc.utah.gov/agrc_sgid/sgidintro.html.
 AGRC developed and manages <http://mapit.utah.gov> that allows agencies and the public to create their own map pages to embed on web sites or in email to show locations of offices, services, etc. The website contains a gallery of maps created by a variety of public agencies in a statewide index available online, listing map titles, descriptions, and links to traditional and interactive map sites pertaining to the State. Online mapping functionality available at <http://atlas.utah.gov/>. Online state maps available at <http://maps.utah.gov/>.
3. Integrated geospatial data and technologies into a variety of state functions. Many of these activities require access to for query and functionality, often without ever producing a map. These include streamlined sales tax, Help America Vote Act, E911 Fee distribution, law enforcement notification for identity theft, and availability of government services based on address.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Complete planning and implementation process for the State Geographic Information Database. We are beginning a comprehensive activity to create objectives and a task

plan for the function categories of the SGID including oversight, Data Management, Database Administration and Technology, and Public Interface.

2. Continued web mapping enhancements: AGRC plans further development of an ArcIMS that will serve out the layers of the SGID, including an enhanced presence on national portals to complement state IMS services. We anticipate that all DOQs (and other imagery) will be served through a geospatial database available through IMS, ArcGIS Server or other options.
3. Data acquisition and maintenance: AGRC plans to integrate all GPS data collected over the years into a single Transportation Database. Working with counties, cities, and special districts, AGRC plans to complete metadata on over 800 boundaries, with intent on integrating them into the SGID.

C. Describe the most significant geospatial challenge for your state:

Data currency / accuracy: Data acquisition coordination requires tremendous effort. State, federal, and local resources are expended creating, maintaining, and distributing data. Often these various versions of data are inconsistent and sometimes conflicting. We need to eliminate redundancy in data storage where mechanisms do not exist to insure they are integrated.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

- **Data Sharing MOU:** Governor Olene Walker and representatives from twelve federal agencies signed a Memorandum of Understanding (MOU) providing a mechanism to cooperatively create and share accurate, impartial and credible digital spatial data.
- **Cadastral data:** AGRC has worked with the Department of Interior and the rural counties in distributing federal pass-through dollars to the counties for refinement of Public Land Survey System corner positions and encouraging parcel automation. AGRC is coordinating land administration and ownership information with School Institutional Trust Land Administration, the BLM, and the counties that will increase the accuracy of land ownership data.

E. Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc.: (See A-D above)

F. Please provide the following Information: (enter N/A if not applicable or unknown; also enter a URL if available on the Internet)

1. GIS mission statement: "AGRC mission to encourage and facilitate effective geographic information system implementation in Utah and direct this process in state government".
2. GIS Statutory authority: **TITLE 63A UTAH ADMINISTRATIVE SERVICES CODE: [CHAPTER 6 INFORMATION TECHNOLOGY SERVICES](#) : PART 2 AUTOMATED GEOGRAPHIC REFERENCE CENTER, see <http://www.le.state.ut.us/~code/TITLE63A/63A06.htm>**
3. GIS Coordinator: Manager of AGRC
4. GIS Coordinating Body: GIS Advisory Committee
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: Unless data is classified as sensitive under the guidelines established in the Government Records Access and Management Act (GRAMA), all GIS data the state acquires or creates is public domain.
7. GIS Data Standards: Available at <http://agrc.utah.gov>
8. GIS Budget (including grants, etc.): Approximately \$1,500,000 annually
9. Other policies, publications, RFP's, etc.: See web site

Contact Information:

David Brotzman
Executive Director
Vermont Center for Geographic Information, Inc
58 South Main Street, Suite 2
Waterbury, VT 05401
Phone: 802-882-3003
Fax: 802-882-3001
Email: davidb@vcgi.org



State GIS Clearinghouse URL: <http://www.vcgi.org>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Design and development of an Implementation Plan for a Statewide Enterprise GIS in Vermont
2. Increasing the use of GIS in Emergency Management planning and response activities.
3. Success in integrating the state's National Hydrography Data into the processes and activities of the Agency of Natural Resources.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Implementation of a Statewide Enterprise GIS within the most active state agencies.
2. Increased awareness for the coordination of GIS priorities within state agencies and legislative committees.
3. Collection of a statewide coverage of Critical Facilities for use by Vermont's Homeland Security Unit.

C. Describe the 3 most significant geospatial challenges for your state:

1. Getting recognition from federal agencies that the state should be actively included in spatial data policy planning and implementation at the National level.
2. Coordinating the collection and use of common geospatial assets among all of the Public Safety user community in the state.
3. Getting the user community to recognize the value of standards in managing technology.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

Our organization currently has active cooperative efforts with:

- USGS for the provision of Vermont data for the National Map
- EPA, USGS New Hampshire Office and the Vermont Agency of Natural Resources for development of a flow regime for the state's hydrography using linear regression techniques
- the Natural Resources Conservation Service (NRCS) for development and hosting of Vermont OnePlan, an interactive web based tool to help farmers in the state to develop a nutrient management plan
- Vermont Homeland Security and the Regional Planning Commissions for definition, collection and integration of Critical Facility Data statewide
- FEMA for Digital Flood Insurance Rate Map digitization

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

N/A

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: www.vcgi.org/about_vcgi/
2. GIS Statutory authority: www.vcgi.org/about_vcgi/?page=./documents/enabling_legislation.cfm
3. GIS Coordinator: www.vcgi.org
4. GIS Coordinating Body: www.vcgi.org/about_vcgi/?page=./tac/default_content.cfm
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: www.vcgi.org/techres/standards/parti_section_b.pdf
7. GIS Data Standards: www.vcgi.org/techres/?page=./standards/default_content.cfm
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: www.vcgi.org/commres/

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes, www.vcgi.org/commres/?page=./publications/default_content.cfm

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

- Updated Orthoimagery will be collected for 40% of the state at 1:5,000 scale over the next two years. Additional 1:1,250 Orthoimagery will be collected along select transportation corridors at the same time.
- Critical Facility data will be collected across the state over the next two years.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Harry Roush	VT. Mapping Program	802.241.3552	maporders@tax.state.vt.us
Elevation	Harry Roush	VT. Mapping Program	802.241.3552	maporders@tax.state.vt.us
Geodetic Control		VT Agency of Transportation		http://vcap.aot.state.vt.us/
Transportation		VT Agency of Transportation		http://www.aot.state.vt.us/
Boundaries		VCGI	802.882.3007	http://www.vcgi.org/dataware/
Hydrology		VCGI	802.882.3007	http://www.vcgi.org/dataware/
Cadastral				Contact the individual town office(s) in the area of interest.

J. Other comments:

There is real need for updated high resolution Land Cover/Land Use Data across the state.

Contact Information:

Bill Shinar
State GIS Coordinator
Virginia Geographic Information Network (VGIN)
Virginia Information Technologies Agency (VITA)
411 E. Franklin St., Suite 500
Richmond, Virginia, 23219
Phone: (804) 786-8175
Fax: (804) 371-2277
Email: bill.shinar@vgin.virginia.gov



State GIS Clearinghouse URL: <http://www.vgin.virginia.gov>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Managed development of a seamless statewide digital road file with address ranges, with ongoing updates from all of Virginia's 134 local jurisdictions and the Virginia Department of Transportation (VDOT).
2. Won NASCIO government to government award for the Virginia Base Mapping Programs statewide aerial photography, which will be updated with a statewide flight in the spring of 2006.
3. At the direction of the State CIO initiated geospatial enterprise services (metadata, data library, Internet map services) to be shared across state agencies and local governments.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Successfully maintaining the seamless statewide road centerline file with address, road names, and routing attribution (Virginia Base Mapping Program) in partnership with local jurisdictions and VDOT.
2. Successful acquisition of high resolution statewide aerial photography and distribution across state and local governments throughout Virginia.
3. Full implementation and open access to Geospatial Enterprise Services through a Virginia Geospatial One-Stop.

C. Describe the 3 most significant geospatial challenges for your state:

1. Establishing a sustainable funding model for geospatial data.
2. Building an efficient enterprise based GIS for state government.
3. Upgrading geospatial data to meet the accuracy, currency, and completeness standards required to support public safety and homeland security.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

- Virginia is building a single, consistent, seamless, statewide road centerline file with address ranges through the cooperative efforts of VGIN, Virginia's 134 local government jurisdictions, and VDOT.
- VGIN is managing a second statewide acquisition and distribution of high resolution digital orthophotography through the Virginia Base Mapping Program (VBMP) in partnership with local governments and state agencies in Virginia.

E. Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc.:

- Virginia is completing development of a statewide road centerline file that will incorporate address ranges for all of the Commonwealth's 134 local jurisdictions and will be maintained by VGIN with support from local governments and VDOT.
- VGIN is establishing geospatial enterprise services that will be shared across state agencies and available to varying extents to local governments and the private sector for agreed upon subscription rates.

F. Please provide the following Information: (enter N/A if not applicable or unknown; also enter a URL if available on the Internet):

1. GIS mission statement: http://www.vgin.virginia.gov/about_mandates.html
2. GIS Statutory authority: http://www.vgin.virginia.gov/about_mandates.html
3. GIS Coordinator: <http://www.vgin.virginia.gov/about.html>
4. GIS Coordinating Body: http://www.vgin.virginia.gov/about_organization.html
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: N/A
7. GIS Data Standards: N/A
8. GIS Budget (including grants, etc.): \$1.7 Million
9. Other policies, publications, RFP's, etc.:
http://www.vgin.virginia.gov/about_mandates.html

Contact Information:

Jeff Holm
WAGIC & ISB/GIT Coordinator
WA State Department of Information Services
1110 Jefferson St SE
PO Box 42445
Olympia, WA 98504-2445
Phone: 360.902.3447
Fax: 360.902.2982
Email: jeffh@dis.wa.gov



State GIS Clearinghouse URL: <http://gis.lib.washington.edu/>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. 2004 [WA State Strategic Plan for Geographic Information Technology](#)
2. Completed WA Phase Two of [PNW Hydro Framework](#) work.
3. In response to the state Geographic Information Technology committee (agency executives') desire to develop experience in collaborating on production of digital ortho imagery, the WSDOT and WDNR have pooled in-house resources to produce color, 18" pixel ortho imagery for four of the six regions of the state.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Develop a common vision and architecture for GIT deployment across state agencies with a long-term goal of linking to federal and local architectures.
2. Leverage GIT investments through enhanced access to data and applications.
3. Integrate state GIT activities with federal and local interests and needs through enhanced collaboration and initiatives that cross jurisdictions.

C. Describe the 3 most significant geospatial challenges for your state:

1. Lack of long-term enterprise vision and approach for utilizing GIT to support government priorities.
2. Lack of sustainable GIT funding source.
3. Local, federal or tribal organizations have difficulty partnering with Washington state agencies when agencies act as individual organizations rather than as a collaborative GIT enterprise.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

Joint Orthoimagery Program:

- The WADNR and WSDOT digital ortho imagery effort has involved the departments of Ecology, Fish and Wildlife, and Health have all either contributed funding or are pursuing budget to contribute to the effort. Other agencies are involved in a tiered participation model based on projected usage. We are actively pursuing a partnership with NAIP for statewide orthoimagery in 2006.
- WA-Trans is Washington's effort to develop the NSDI transportation layer. Partners include 8 cities, 21 counties, 13 state agencies, 7 federal agencies, and 16 others. WA-Trans is conducting state/local transportation data integration pilot partially funded by a 2004 CAP Category 6 grant.

E. Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc.:

- GIT Enterprise Architecture (EA) Initiative is creating a decision making framework for identifying the GIT components that state agencies want to fund and manage as state enterprise assets.
- Department of Fish and Wildlife: SalmonScape is a web-based interactive mapping system, that merges fish and habitat data collected by state, federal, tribal and local biologists to deliver scientific information that can be readily accessed by other agencies and citizens
- Department of Ecology: The Environmental Information Management System (EIM), is a publicly accessible database that contains environmental data from the Department of Ecology and affiliated local government and grantees.
- Department of Natural Resources: [The Forest Practices Application Review System](#) streamlines the processing of Forest Practices Applications and improves the public's ability to review proposed forest activities.

F. Please provide the following information; (enter N/A if not applicable or unknown; also enter a URL if available on the Internet)

<i>Washington State GIS Coordination</i>	Technical Committee WAGIC	Executive Committee ISB/GIT
1. GIS mission statement:	WAGIC Charter	GIT Charter
2. GIS Statutory authority:	WAGIC Charter	Revised Code of WA
3. GIS Coordinator:	WAGIC Charter	GIT Charter
4. GIS Coordinating Body:	WAGIC Charter	GIT Charter
5. GIS Personnel Classifications:		
6. GIS Data Distribution Policy:	Framework Mgt Group	
7. GIS Data Standards:		ISB GIT Policy
8. GIS Budget (including grants, etc.):	WAGIC Funding	
9. Other policies, publications, RFP's, etc.:		2005 Strategic Plan

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available

N/A

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Please see information provided above.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	George Spencer	WSDOT	360.709.5515	spencerg@wsdot.wa.gov
Elevation	N/A			
Geodetic Control	Frank Fischer	WSDNR	360.902.1206	frank.fischer@wadnr.gov
Transportation	Tami Griffin	WSDOT	360.709.5513	GriffiT@wsdot.wa.gov
Boundaries	Frank Fischer	WSDNR	360.902.1206	frank.fischer@wadnr.gov
Hydrology	Carl Harris	WSDNR	360.902.1423	carl.harris@wadnr.gov
Cadastral	Frank Fischer	WSDNR	360.902.1206	frank.fischer@wadnr.gov

Contact Information:

Craig A. Neidig
WV GIS Coordinator
WV Geological and Economic Survey
1124 Smith St., Suite LM-10
Charleston, WV 25301
Phone: 304.558.4218
Fax: 304.558.4963
Email: cneidig@gis.state.wv.us



State GIS Clearinghouse URL: <http://wvqis.wvu.edu>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Entered county addressing stage of statewide addressing and mapping project.
2. Initiated conversion of WVSAMB data into new statewide coverages for elevation and orthoimagery for input into the National Map.
3. Celebrate tenth year anniversary of formal state GIS program in 2005-06.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Continue to educate the Governor, Administration, and Legislature on the value of the state GIS program and its accomplishments over the last ten years.
2. Continue to demonstrate value of embedding geospatial information in daily work processes of state agencies and county offices.
3. Develop plan and strategy to complete county parcel coverages statewide and integrate with WV Tax Department CAMA/IAS database.

C. Describe the 3 most significant geospatial challenges for your state:

1. Sustainable funding for state agency and county GIS programs.
2. Maintenance of existing geospatial resources and sustaining momentum of adoption of geospatial data and technology at the county and state levels.
3. Political justification and outreach to local and state officials to promote the relevancy, value and benefits of the state GIS program and the state's geospatial data assets.

D. Describe any significant cooperative efforts with Federal, State or Local partners:

- USGS: Funding for WVSAMB elevation data conversion to 1/9 arcsecond DEMs
- FEMA: Agreement to use WVSAMB data for state DFIRM updates with FEMA mapping partners
- DHS: Funding to WV Division of Homeland Security and Emergency Management to develop critical infrastructure datasets in West Virginia (w/ WV GIS Technical Center)
- WV Statewide Addressing and Mapping Board (WVSAMB): www.addressingwv.org

E. Describe any significant data development activities, innovative applications, cost saving measures, contracts, etc.:

- The Mineral Lands Mapping Program (MLMP) continues to develop and refine the GIS-based coal valuation system (<http://ims.wvgs.wvnet.edu/coalims.htm>)
- Oracle Spatial applications for long-term maintenance system for Statewide Addressing and Mapping database

- Implementation of web-mapping services (WMS) on state GIS clearinghouse site
- Increased use of LiDAR and IFSAR for environmental analysis and regulation

F. Please provide the following information; (enter N/A if not applicable or unknown; also enter a URL if available on the Internet)

1. GIS mission statement: To implement a statewide Geographic Information System (GIS) program, in partnership with all state, federal, county, and local governments, and in cooperation with private industry, that will develop a comprehensive, standardized, and public domain digital cartographic database to be shared and used by government agencies, the general public, and business community in order to modernize and improve decision-making processes at all levels of government in order to benefit the citizens of West Virginia.
2. GIS Statutory authority: Executive Order 04-93 (1993) and House Bill 2222 (1995)
3. GIS Coordinator: Craig A. Neidig
4. GIS Coordinating Body: WV GIS Steering Committee
5. GIS Personnel Classifications: WV Division of Personnel:
http://www.state.wv.us/admin/personnel/clascomp/compindx/comp_g.htm
(look for listings under Geographic Information System)
6. GIS Data Distribution Policy: Agency dependent following State Open Records Laws
7. GIS Data Standards: Use FGDC, ASPRS, SDSFIE, NMAS, NENA, etc. as applicable.
8. GIS Budget (including grants, etc.): approx. \$1.5M for MLMP (FY06, including GIS coordinator's office); \$3M annually for WVSAMB through FY07; est. \$5M among other state agencies; various USGS, DHS-ODP, FEMA, USDA, etc. grants and cost shares
9. Other policies, publications, RFP's, etc.: 2005 State Information Technology Strategic Plan: <http://www.wvgot.org/2005sp.cfm>

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No. Current news items are posted on the state GIS website (<http://wvgis.wvu.edu>)

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)?

See information provided above.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact	Agency / Org	Phone	Email / URL
Orthoimagery	Kurt Donaldson	WVGISTC	304.293.5603	kdonalds@wvu.edu
Elevation	Kurt Donaldson	WVGISTC	304.293.5603	kdonalds@wvu.edu
Geodetic Control	Kurt Donaldson	WVGISTC	304.293.5603	kdonalds@wvu.edu
Transportation	Hussein Elkhansa	WV DOT	304.558.9657	helkhansa@dot.state.wv.us
Boundaries	N/A TBD	WV Legislative Services (?)		
Hydrology	N/A TBD	WV DEP (?)		
Cadastral	Chuck Barlow	WV Property Tax Division	304.558.4468	cbarlow@tax.state.wv.us

Contact Information:

Ted Koch
State Cartographer
University of Wisconsin-Madison
550 North Park Street
Madison, WI 53706
Phone: 608/262-6852
Fax: 608/262-5205
Email: tkoch@wisc.edu



State GIS Clearinghouse URL: <http://wisclinc.state.wi.us/index.html>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Approval of the '06-'07 state budget preserved the existence of the Wisconsin Land Information Program (WLIS), by removing the September 2005 "sunset date."
2. Wisconsin Emergency Management published an extensive GIS Needs Assessment to identify how the emergency management process across the state can be improved.
3. Wireless 911 grant program established to reimburse local governments for costs associated with Enhanced 911 services including needs for GIS data.

B. Describe your state's top 3 geospatial goals for the coming year:

1. Appoint the first state Geographic Information Officer, to be located in the WI Dept. of Administration.
2. Complete and approve revised five-year land information plans for all 72 counties.
3. Publish a statewide GIS strategic plan.

C. Describe the 3 most significant geospatial challenges for your state:

1. For WI Dept of Administration to assume administrative control of the WI Land Information Program.
2. For the non-profit WI Land Information Association to take a more proactive leadership role in facilitating statewide GIS plans and policies.
3. To provide access to geospatial information and data thru an open-source Web based service.

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

In 2005 three major consortia consisting of federal, state, regional, local, and private partners acquired high-resolution digital orthophotos for 44 Wisconsin counties. Also, the USDA Farm Services Agency acquired 1-meter resolution NAIP imagery for the entire state in partnership with several state agencies, UW-Madison Environmental Remote Sensing Center, and approximately a dozen counties.

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

Three '05 FGDC CAP grants were awarded to state organizations (WI Land Information Association, WI Dept. of Natural Resources, and Univ. of WI-Milwaukee). Wisconsin, through the leadership of the WI Dept. of transportation, continues to be actively involved in the WI Height Modernization Program in cooperation with the National Geodetic Survey.

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: None
2. GIS Statutory authority:
http://www.doa.state.wi.us/pagesubtext_detail.asp?linksubcatid=332&linkcatid=216&linkid=
3. GIS Coordinator: GIO position in WI Dept. of Administration to be filled Sept. 2005
4. GIS Coordinating Body: WI Land Information Association; <http://www.wlia.org/>
5. GIS Personnel Classifications:
6. GIS Data Distribution Policy: Individual state and local government policies
7. GIS Data Standards: WI Land Information Program;
http://www.doa.state.wi.us/dir/documents/wlip_limiplans_instructions.pdf
8. GIS Budget (including grants, etc.): Ca. \$12.0 million is collected annually statewide through a real estate recording fee to support LIS/GIS at the local government level. At a minimum, an equal amount is invested from the local government levy to support LIS/GIS projects and activities.
9. Other GIS policies, publications, RFP's, etc.: N/A

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

Yes, <http://www.sco.wisc.edu/pubs/bulletin/>

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Local, high-resolution orthoimagery will continue to be obtained by several dozen counties and municipalities each year. Satellite imagery will be collected and made available through the WisconsinView initiative (<http://www.wisconsinview.org/>). Digital parcel mapping is maintained by each of the state's 72 counties and additional selected municipalities. Approximately 85% of the state's parcels are mapped digitally.

I. Please list the name, affiliation, and contact information for the custodians of each FGDC "framework" layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Ted Koch	WI SCO	608/262-6852	tkoch@wisc.edu ; http://sco.wisc.edu/orthocat/index.php
Elevation	N/A			
Geodetic Control	David Moyer	NGS (Acting)	608/266-3919	david.moyer@dot.state.wi.us
Transportation	Curtis Pulford	WI-DOT	608/267-1217	curtis.pulford@dot.state.wi.us
Boundaries	Jerry Sullivan	WI-DOA	608/264-6109	Jerry.Sullivan@doa.state.wi.us
Hydrology	Ken Parsons	WI-DNR	608/266-5213	kenneth.parsons@dnr.state.wi.us
Cadastral	(See address at right)	72 County Land Info. Offices	(See address at right)	http://www.doa.state.wi.us/dir/lio_officers.asp

WYOMING

Contact Information:

Jeff Hamerlinck
Director
University of Wyoming GIS Center
Dept. 4008, 1000 E. University Ave.
University of Wyoming
Laramie, Wyoming 82072
Phone: (307) 766-2736
Fax: (307) 766-2744
Email: itasca@uwyo.edu



State GIS Clearinghouse URL: <http://wgiac2.state.wy.us/html/wgrp.asp>

A. Describe your state's top 3 geospatial accomplishments during the past year:

1. Completion of GIS coordination recommendations document for State CIO (see J. below).

B. Describe your state's top 3 geospatial goals for the coming year:

1. Implementation of statewide GIS coordination plan (see J. below).

C. Describe the 3 most significant geospatial challenges for your state:

1. Implementation of statewide GIS coordination plan (see J. below).

D. Describe any significant cooperative efforts with Federal, State, Tribal, or Local partners:

Wyoming I-Team - <http://gis.dot.state.wy.us/iteam/>

E. Describe any innovative applications, cost benefit studies, best practices, major contracts, etc. (see Question H regarding data development activities):

N/A

F. Please provide the following information; (enter a URL if a link is available on the Internet; use N/A if not applicable or unknown;)

1. GIS mission statement: N/A
2. GIS Statutory authority: <http://wgiac2.state.wy.us/html/order.asp>
3. GIS Coordinator: N/A
4. GIS Coordinating Body: <http://wgiac2.state.wy.us/html/index.asp>
5. GIS Personnel Classifications: N/A
6. GIS Data Distribution Policy: N/A
7. GIS Data Standards: N/A
8. GIS Budget (including grants, etc.): N/A
9. Other GIS policies, publications, RFP's, etc.: (see comments under J. below)

G. Does your state regularly publish a newsletter about its GIS activities (printed, email, web, etc.)? If yes, please provide a URL if available.

No

H. Is your state planning any major data development or data acquisition projects in the next two years (e.g., orthoimagery, elevation, satellite, street centerline/addresses, parcel

mapping, etc.)? If yes, briefly describe each project and provide a link to further information in Question I below, if applicable.

Unknown

I. Please list the name, affiliation, and contact information for the custodians of each FGDC “framework” layer in your state.

Framework Layer	Contact Name	Agency / Org	Phone	Email / URL
Orthoimagery	Gretchen Meyer	BLM		Gretchen_meyer@blm.gov
Elevation	Randy Wiggins	NRCS		Randy.wiggins@wy.usda.gov
Geodetic Control	Mike Londe	BLM		Mike_londe@blm.gov
Transportation	Ben Saunders	WY-DOT		Ben.saunders@dot.state.wy.us
Boundaries	N/A			
Hydrology	Paul Caffrey	U of Wyoming		caffrey@uwyo.edu
Cadastral	N/A			

J. Other comments:

As of August 2005, the State of Wyoming is undergoing a major period of re-organization with statewide GIS coordination. In January 2004, at the request of the State CIO, the Wyoming Geographic Information Advisory Council carried out a 12-month study to develop recommendations on how to improve GIS coordination among state, local and federal GIS entities within the state. The resulting was document submitted to the State CIO in November 2004 and approved with minor revisions by the Governor’s Office in March 2005. Refer to:

http://www.wsqs.uwyo.edu/GIS_Coord/Wyoming_GIS_Coord_Plan_110504.doc

Recommendations include rescinding the existing advisory council executive order and replacing the current council structure with a coordinated program consisting of: (a) an oversight committee; (b) a technical advisory group; and (c) a geospatial technical services program, all of which will be managed by a Geographic Information Officer operating under the State’s Chief Information Officer. Activities are already underway for creation of the oversight committee and technical advisory group. Establishment of the GIO position and Geospatial Technical Services Program is pending legislative funding.