

NSGIC



# NSGIC 2006



*On-site Program*



**NSGIC 2006**  
16TH ANNUAL CONFERENCE  
LITTLE ROCK, ARKANSAS

*Fifty States for the Nation*

**October 1-5, 2006**

**The Peabody Hotel, Little Rock  
Little Rock, Arkansas**

# Welcome to Little Rock



**W**elcome to NSGIC's 16th Annual Conference in Little Rock, Arkansas. Each year when we meet our ideas get bigger and better and the 2006 conference promises to continue this tradition. Our theme, "Fifty States for the Nation" points to a central goal to have strong geospatial coordination functioning in each of our states and insular areas. The theme plays off the NSGIC "Imagery for the Nation" initiative which will be a central topic of discussion during the conference. You'll hear about NSGIC's advocacy on this important program and steps being taken to make it reality. Another new idea with growing interest is the concept of "Transportation for the Nation" that should generate some spirited discussion.

One of the hallmark events planned for this conference is a special evening to visit the Clinton Presidential Center. Please dress semi-formal (jacket or tie) for this trip to the Presidential Center. On Wednesday night we'll kick up our heels a bit as we enjoy an evening of award winning barbeque and blues at the Little Rock River Market.

NSGIC has grown in its 16 year history to become the nation's leader in advocating state-driven geospatial initiatives. The ideas, initiatives and programs are incubated each year as state, federal and industry leaders of the geospatial community gather at NSGIC's Annual Conference. This year NSGIC members and partners will have another great opportunity to develop and test new ideas and seek new opportunities. While you are here, please take some time to enjoy the charm and hospitality of this southern city with that small town feeling.

We hope you learn a lot and take home new ideas to strengthen your area so that each of our states and insular areas will work ever closer toward strong geospatial coordination for the Nation.

*Rick Memmel*  
NSGIC Conference Manager

*Shelby D Johnson*  
State of Arkansas

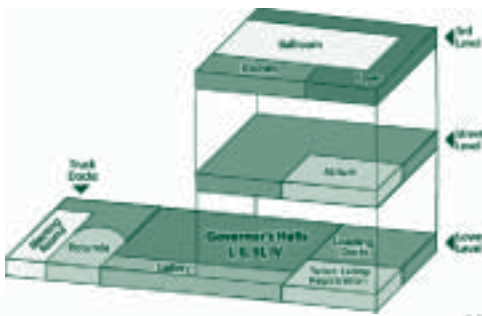
# Peabody Hotel & Conference Center



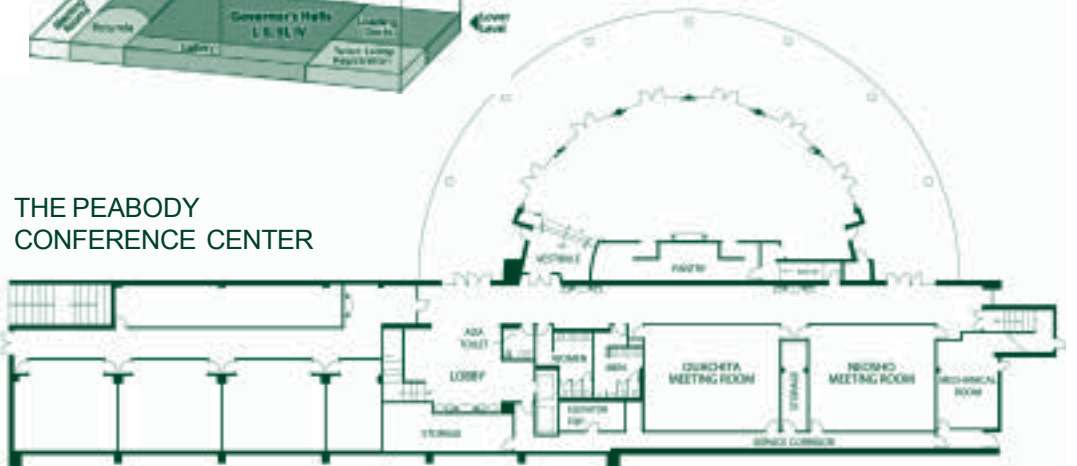
THE PEABODY HOTEL  
MEETING ROOMS (Ballroom Level)



STATEHOUSE  
CONVENTION CENTER



THE PEABODY  
CONFERENCE CENTER



Riverside (Level I)

# Schedule-at-a-Glance

	Sunday, Oct. 1	Monday, Oct. 2	Tuesday, Oct. 3
<b>7 a.m.</b>	<b>Registration</b> <i>(Toltec Reg. Desk)</i> 7 a.m. – 5:30 p.m.  <b>Breakfast (Manning)</b> 7:30 a.m. – 8:30 a.m.	<b>Registration</b> <i>(Toltec Reg. Desk)</i> 7 a.m. – 5:30 p.m.  <b>Breakfast &amp; Sponsor Exhibits</b> <i>(Wally Allen Ballroom A)</i> 7:15 a.m. – 8:15 a.m.	<b>Registration</b> <i>(Toltec Reg. Desk)</i> 7 a.m. – 5:30 p.m.  <b>Breakfast &amp; Sponsor Exhibits</b> <i>(Wally Allen Ballroom A)</i> 7:30 a.m. – 8:30 a.m.  <b>Sponsor Breakfast (Hoffman)</b> 7:30 a.m. – 8:30 a.m.
<b>8 a.m.</b>	<b>USGS Liaison Meeting</b> <i>(Ouachita)</i> 8:30 a.m. – 4 p.m.  <b>RAMONA Steering Committee (Hoffman)</b> 8:30 a.m. – 10 a.m.	<b>Welcome &amp; Opening Comments</b> 8:15 a.m. – 8:45 a.m.  <b>Roll Call of States/ Sponsors</b> 8:45 a.m. – 12 p.m.	<b>Keynote Speaker</b> 8:30 a.m. – 9:15 a.m.
<b>9 a.m.</b>	<b>Break (Ouachita Foyer)</b> 9:30 a.m. – 10 a.m.		<b>Recruiting a State GIO</b> 9:15 a.m. – 10 a.m.
<b>10 a.m.</b>	<b>Board Meeting (Neosho)</b> 10 a.m. – 12 p.m.	<b>Break &amp; Sponsor Exhibits</b> <i>(Wally Allen Ballroom A)</i> 10 a.m. – 10:30 a.m.	<b>Break &amp; Sponsor Exhibits</b> <i>(Wally Allen Ballroom A)</i> 10 a.m. – 10:30 a.m.  <b>Business Meeting I</b> 10:30 a.m. – 12 p.m.  <b>USGS Liaison Breakouts</b> <i>(Hoffman, Ouachita, Neosho)</i> 10:30 a.m. – 12 p.m.
<b>11 a.m.</b>			
<b>12 p.m.</b>	<b>Lunch (Manning)</b> 12 p.m. – 1 p.m.	<b>Lunch (Salon BC)</b> 12 p.m. – 1:30 p.m.	<b>Lunch (Salon BC)</b> 12 p.m. – 1:30 p.m.
<b>1 p.m.</b>	<b>State Members Caucus</b> <i>(Hoffman)</i> 1 p.m. – 3:30 p.m.	<b>GeoSpatial Support Task Force</b> 1:30 p.m. – 2:30 p.m.	<b>Unique State Activities</b> 1:30 p.m. – 3 p.m.
<b>2 p.m.</b>		<b>Board Candidates Speak</b> 2:30 p.m. – 3 p.m.	
<b>3 p.m.</b>	<b>Break</b> 3:30 p.m. – 4 p.m.	<b>Group Photo</b> 3 p.m. – 3:30 p.m.  <b>Break &amp; Sponsor Exhibits</b> <i>(Wally Allen Ballroom A)</i> 3:30 p.m. – 4 p.m.	<b>Platinum Sponsor Presentation</b> 3 p.m. – 3:30 p.m.  <b>Break &amp; Sponsor Exhibits</b> <i>(Wally Allen Ballroom A)</i> 3:30 p.m. – 4 p.m.
<b>4 p.m.</b>	<b>Joint Mtg. USGS &amp; State Caucus</b> 4 p.m. – 5:15 p.m.	<b>Imagery for the Nation</b> 4 p.m. – 5 p.m.	<b>Implementing the Fifty States Initiative</b> 4 p.m. – 5 p.m.
<b>5 p.m.</b>	<b>New Member Orientation</b> <i>(Hoffman)</i> 5:15 p.m. – 6 p.m.	<b>QA/QC of Large-Area Digital Orthophotography Projects</b> 5 p.m. – 6 p.m.	<b>NGPO &amp; FGDC Update</b> 5 p.m. – 6 p.m.
<b>6 p.m. and after</b>	<b>Opening Reception &amp; Dinner</b> <i>(Salon BC)</i> 6 p.m. – 8 p.m.  <b>Fifty States Initiative Roundtable (Hoffman)</b> 7:30 p.m. – 9 p.m.  <b>Hospitality Suite (Pinnacle)</b> 9:30 p.m. – 12 a.m.  <b>NASA Liason Meeting</b> <i>(Ouachita)</i> 7:30 p.m. – 9 p.m.	<b>Sponsor Reception</b> <i>(Wally Allen Ballroom A)</i> 6 p.m. – 8 p.m.  <b>CLC Meeting (Pinnacle)</b> 7:30 p.m. – 9 p.m.  <b>Hospitality Suite (Pinnacle)</b> 9:30 p.m. – 12 a.m.	<b>Off-site: Clinton Library</b> 6 p.m. – 9:30 p.m.  <b>Hospitality Suite – Sponsored by Oracle, Inc. (Pinnacle)</b> 9:30 p.m. – 12 a.m.

All sessions will be held in the Wally Allen Ballroom Sections B & C on the third level of the Statehouse Convention Center unless otherwise noted.

Wed., Oct. 4	Thursday, Oct. 5	Friday, Oct. 6
<p><b>Registration</b> (Toltec Reg. Desk) 7 a.m. – 5:30 p.m.</p> <p><b>Breakfast &amp; Sponsor Exhibits</b> (Wally Allen Ballroom A) 7:30 a.m. – 8:30 a.m.</p>	<p><b>Registration</b> (Toltec Reg. Desk) 7 a.m. – 5:30 p.m.</p> <p><b>Breakfast &amp; Sponsor Exhibits</b> (Wally Allen Ballroom A) 7:30 a.m. – 8:30 a.m.</p>	
<p><b>Keynote Presentation</b> 8:30 a.m. – 9 a.m.</p>	<p><b>FEMA Map Modernization</b> 8:30 a.m. – 9 a.m.</p>	
<p><b>Data Sharing</b> 9 a.m. – 10 a.m.</p>	<p><b>NSGIC Issues Briefing</b> 9 a.m. – 10 a.m.</p>	<p><b>New Board Meeting</b> (Hoffman) 9 a.m. – 12 p.m.</p>
<p><b>Break &amp; Sponsor Exhibits</b> (Wally Allen Ballroom A) 10 a.m. – 10:30 a.m.</p> <p><b>Transportation for the Nation</b> 10:30 a.m. – 12 p.m.</p>	<p><b>Break &amp; Sponsor Exhibits</b> (Wally Allen Ballroom A) 10 a.m. – 10:30 a.m.</p> <p><b>Making Better Use of the Web</b> 10:30 a.m. – 11 a.m.</p>	
	<p><b>Business Meeting II</b> 11 a.m. – 12 p.m.</p>	
<p><b>Lunch</b> (Salon BC) 12 p.m. – 1:30 p.m.</p>	<p><b>Lunch</b> (Salon A) 12 p.m. – 1:30 p.m.</p>	
<p><b>Gold Sponsor Session</b> 1:30 p.m. – 3:30 p.m.</p>	<p><b>USGS Liaison Meeting</b> (Ouachita) 1:30 p.m. – 6 p.m.</p> <p><b>Streamlined Sales Tax</b> 1:30 p.m. – 2:30 p.m.</p>	
	<p><b>Legislative Updates</b> 2:30 p.m. – 3 p.m.</p>	
<p><b>Break &amp; Sponsor Exhibits</b> (Wally Allen Ballroom A) 3:30 p.m. – 4 p.m.</p>	<p><b>Break &amp; Sponsor Exhibits</b> (Wally Allen Ballroom A) 3 p.m. – 3:30 p.m.</p> <p><b>State Caucus Part II</b> 3:30 p.m. – 5 p.m.</p>	
<p><b>Homeland Security</b> 4 p.m. – 5 p.m.</p>		
<p><b>Fusion Centers</b> 5 p.m. – 5:30 p.m.</p> <p><b>Improved Geospatial Data</b> 5:30 p.m. – 6 p.m.</p>		
<p><b>Offsite: River Market</b> 6 p.m. – 9:30 p.m.</p> <p><b>Hospitality Suite – Sponsored by NAVTEQ</b> (Pinnacle) 9:30 p.m. – 12 a.m.</p>	<p><b>Hospitality Suite – Sponsored by Michael Baker Jr. Inc.</b> (Pinnacle) 7 p.m. – 12 a.m.</p>	

# Agenda

All sessions will be held in the Wally Allen Ballroom Sections B & C on the third level of the Statehouse Convention Center unless otherwise noted.

## Sunday, October 1

**7 a.m. - 5:30 p.m.**

**Registration Opens**

*Toltec Registration Desk – Lower Level,  
Statehouse Convention Center*

**7:30 a.m. - 8:30 a.m.**

**Breakfast Provided**

*Manning Room – Ballroom Level,  
The Peabody Hotel*

**8:30 a.m. - 4 p.m.**

**USGS Liaison Meeting**

*Ouachita Room – Level 1,  
The Peabody Conference Center*

**8:30 a.m. - 10 a.m.**

**RAMONA Steering Committee**

**Moderator: Learon Dalby, GIS Program  
Manager, Arkansas Geographic  
Information Office**

*Hoffman Room – Ballroom Level,  
The Peabody Hotel*

The newly formed Ramona Steering Committee will have its first meeting to oversee the future development of the Ramona System to ensure that it offers the greatest possible value to all statewide GIS coordination councils. This Work Group will incorporate input from a wide range of Ramona users and non-users to ensure a balanced perspective on managing the system. It will also provide guidance to the Project Manager and Technical Manager who will task the System Developer with making appropriate changes to the System.

**9:30 a.m. - 10 a.m.**

**Break**

*Ouachita Foyer*

**10 a.m. - 12 p.m.**

**NSGIC Board Meeting**

**Moderator: Tony Spicci, State of  
Missouri, NSGIC President**

*Neosho Room – Level 1,  
The Peabody Conference Center  
Open to all*

**12 p.m. – 1 p.m.**

**Lunch Provided**

*Manning Room – Ballroom Level,  
The Peabody Hotel*

**1 p.m. - 3:30 p.m.**

**State Members Caucus**

**Moderators: Tony Spicci, State of  
Missouri, NSGIC President; Stu Davis,  
State of Ohio; Bill Burgess, NSGIC  
Washington Liaison**

*Hoffman Room – Ballroom Level,  
The Peabody Hotel*

This is the first of two State Caucuses where state and local government members will meet in private to further refine NSGIC's position on its priority issues. Discussions will be focused on Imagery for the Nation, GIS Certification, The National Grid, Sponsorship Guidelines, the Federal Coordination Recommendations, and other important issues. This is also the point in the conference where proposed resolutions will be introduced prior to discussions at the Business Meeting on Tuesday morning.

**3:30 p.m. - 4 p.m.**

**Break**

*Prefunction Balcony – Ballroom Level,  
The Peabody Hotel*

**4 p.m. - 5:15 p.m.**

**Joint Meeting USGS & State Caucus**

*Hoffman Room – Ballroom Level,  
The Peabody Hotel*

# Agenda

**5:15 p.m. - 6 p.m.**

**New Member Orientation**

**Moderator: Zsolt Nagy, State of North Carolina**

*Hoffman Room – Ballroom Level, The Peabody Hotel*

New members and others unfamiliar with NSGIC are encouraged to attend this information session which will provide an overview of NSGIC and its activities. There will be plenty of time for questions and discussion so that everyone will learn how to take full advantage of the conference.

**6 p.m. - 8 p.m.**

**Opening Reception and Buffet Dinner**

*Salon BC – Ballroom Level, The Peabody Hotel*

Attendees are invited to meet and discuss issues in a casual environment with the candidates running for office in the 2006 NSGIC Board Election. There will be no formal presentations by the candidates involved.

**7:30 p.m. - 9 p.m.**

**Fifty States Initiative Roundtable Discussion**

**Moderators: Bill Burgess, NSGIC Washington Liaison and Milo Robinson, Federal Geographic Data Committee**

*Hoffman Room – Ballroom Level, The Peabody Hotel*

This roundtable discussion is designed for the states currently working under a CAP Category 3 grant from FGDC and for those states that are planning to apply for this grant in the next announcement. The discussion will include a status review for each of the current FGDC projects. It will then move into the problem areas being experienced by the projects and the steps that can be taken to resolve them. The next phases of the Fifty States Initiative will be briefly described and the participants will have an opportunity to describe the help that they will need in the next two years to support their planning efforts. Everyone with an interest in strategic and business planning is welcome to attend this session.

**7:30 p.m. - 9 p.m.**

**NASA Liaison Meeting**

**Moderator: Tim Haithcoat, University of Missouri**

*Ouachita Room – Level 1, The Peabody Conference Center*

**9:30 p.m. - 12 a.m.**

**Hospitality Suite (open to all registrants)**

*Pinnacle Room – Penthouse Level, The Peabody Hotel*

## Monday, October 2

**7 a.m. - 5:30 p.m.**

**Registration**

*Toltec Registration Desk – Lower Level, Statehouse Convention Center*

**7:15 a.m. - 8:15 a.m.**

**Breakfast and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level, Statehouse Convention Center*

**8:15 a.m. - 8:45 a.m.**

**Welcome & Opening Comments**

**Moderator: Tony Spicci, State of Missouri, NSGIC President; Shelby Johnson, State of Arkansas, NSGIC Conference Chair; and Rick Memmel, NSGIC Conference Manager**

**Speaker: Fred Limp, Director, Center for Advanced Spatial Technologies, University of Arkansas**

*Wally Allen Ballroom BC – Third Level, Statehouse Convention Center*

Host State Welcome: The Coming Revolution in the GeoSpatial World — from Flat to 3D

**8:45 a.m. - 12 p.m.**

**Roll Call of States and Corporate Sponsors**

**Moderator: Rick Memmel, NSGIC Conference Manager**

Each State and Corporate Sponsor will have two minutes to introduce its delegates and give highlights of key activities.

**10 a.m. - 10:30 a.m.**

**Break and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level, Statehouse Convention Center*

# Agenda

**12 p.m. - 1:30 p.m.**

**Lunch Provided**

*Salon BC – Ballroom Level,  
The Peabody Hotel*

**1:30 p.m. - 2:30 p.m.**

**GeoSpatial Support Task Force Pilot Project**

**Moderator: Learon Dalby, State of Arkansas**

**Presenter: Ron Langhelm, GIS Coordinator DHS/FEMA Region X**

This session will follow-up on FEMA's Geospatial Support Task Force (GSTF) pilot-project which is designed to ensure the immediate integration of geospatial technology into major disaster operations. This presentation will define the GSTF concept, reference past disaster experiences, lessons learned, and the benefits of such a system.

**2:30 p.m. - 3 p.m.**

**Board Candidates Speak**

**Moderator: Rick Memmel, NSGIC Conference Manager**

Each candidate for the Board and President-Elect will have an opportunity to speak.

**3 p.m. - 3:30 p.m.**

**Group Photo**

**3:30 p.m. - 4 p.m.**

**Break and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level,  
Statehouse Convention Center*

**4 p.m. - 5 p.m.**

**Imagery for the Nation**

**Moderator: Ted Koch, State of Wisconsin;  
Bill Burgess, NSGIC Washington Liaison;  
George Lee, USGS**

*Imagery for the Nation* is a NSGIC conceived and led initiative intended to revolutionize the way aerial imagery is acquired, funded, stored and disseminated throughout the country. Over the past year NSGIC has been working closely with the NDOP Steering Committee and others to move *IFTN* closer to reality. This session

will provide you with an update on *IFTN* issues and activities, including:

- An explanation of NSGIC's strategy to implement *IFTN*,
- A summary of the online *IFTN* Survey completed by nearly 2000 people earlier this year,
- The scope of the just begun comprehensive cost/benefits study,
- A subcommittee report on state/federal contracting, and
- The latest on *IFTN* funding.

**5 p.m. - 6 p.m.**

**QA/QC of Large-Area Digital Orthophotography Projects**

**Moderator: Jill Saligoe-Simmel, PhD, State of Indiana**

**Presenters: William Johnson, State of New York; Learon Dalby, State of Arkansas; David Maune, PhD, CP, CFM, Dewberry**

A number of states have begun to implement large area orthophotography projects using digital camera technologies. Several more are considering this approach. This session will discuss the unique aspects of quality assurance and quality control (QA/QC) with regard to digital camera and processing systems. Topics will include what to expect with horizontal control, color balancing, artifacts, digital elevation models (DEM), digital surface models (DSM), and more. Project experiences will be shared by Arkansas, Indiana, and New York State. Dave Maune of Dewberry will share his wealth of experience QC'ing digital orthoimagery. This presentation will not be vendor specific, though it will highlight the ADS40 and the Digital Mapping Camera (DMC).

**6 p.m. - 8 p.m.**

**Sponsor Reception**

*Wally Allen Ballroom A – Third Level,  
Statehouse Convention Center*

This will be your prime opportunity to meet with all of our sponsors, ask important questions, get "one-on-one" time, gather literature and see demos of their "Latest and Greatest" technologies. Please take the time to thank our sponsors for their help in making NSGIC the organization that it is.

# Agenda

**7:30 p.m. - 9 p.m.**

**Corporate Leadership Council Meeting**

*Pinnacle Room – Penthouse Level,  
The Peabody Hotel*

**9:30 p.m. - 12 a.m.**

**Hospitality Suite (open to all registrants)**

*Pinnacle Room – Penthouse Level,  
The Peabody Hotel*

## Tuesday, October 3

**7 a.m. - 5:30 p.m.**

**Registration**

*Toltec Registration Desk – Lower Level,  
Statehouse Convention Center*

**7:30 a.m. - 8:30 a.m.**

**Breakfast and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level,  
Statehouse Convention Center*

**7:30 a.m. - 8:30 a.m.**

**Sponsor Breakfast**

*Hoffman Room – Ballroom Level,  
The Peabody Hotel*

One representative from each sponsor will meet with the NSGIC Board members, officers, conference committee and committee chairs to discuss conference issues, ideas, suggestions, and other related topics.

**8:30 a.m. - 9:15 a.m.**

**Keynote Presentation: Enterprise GIS:  
Destroying the Barriers to Borderless  
Government**

**Speaker: Matt Miszewski, NASCIO  
President**

Matt Miszewski will talk in general about the creation of the GIO role at the State of Wisconsin. He will speak to the pros and cons about having the GIO in the IT department reporting directly to the CIO. The presentation will also address the topic of enterprise GIS development in the throes of IT Infrastructure Development. The conclusion will expose state and local geospatial services to federal agencies, specifically for health services and homeland security.

**9:15 a.m. - 10 a.m.**

**Recruiting a State GIO**

**Moderators: Shelby Johnson, State of  
Arkansas and Dave Mockert, GIO, State of  
Wisconsin**

**Panelists: Matt Miszewski, NASCIO  
President & CIO, State of Wisconsin,  
Doug Elkins, CIO, State of Arkansas, Eric  
McRae, State of Georgia**

In 2003, NSGIC launched an effort to benchmark the characteristics which make statewide geospatial coordination efforts successful. One of the key characteristics was that each state has a full-time, paid coordinator position with the authority to implement the state's business and strategic plans. The survey revealed only 29 states had a full time paid coordinator. A key conclusion the report drew was that a full time coordinator coupled with the authority to coordinate and enter into contracts, which also had interaction with the State CIO, was significant in breaking through the coordination barrier. This panel will focus on how to recruit for a State GIO from states who have gone through this process, their methodology as well as a sample of State GIO job descriptions, associated legislative language, their administrative location and the behind the scenes political maneuvers necessary to create the position. All states should find this strategic topic useful and interesting.

**10 a.m. - 10:30 a.m.**

**Break and Corporate Sponsor Exhibits  
(Ballots Due)**

*Wally Allen Ballroom A – Third Level,  
Statehouse Convention Center*

**10:30 a.m. - 12 p.m.**

**Business Meeting I**

**Moderator: Tony Spicci, State of Missouri,  
NSGIC President**

The Business Meeting follows a format prescribed in NSGIC's bylaws, including the Call to Order, Roll Call of Member States, Approval of Minutes of the Previous Meeting, Reports of Officers, Reports of Standing and Special Committees, Unfinished Business, New Business including resolutions, and adjournment.

# Agenda

**10:30 a.m. - 12 p.m.**

**USGS Liaison Break-outs**

*Hoffman, Ouachita, and Neosho Rooms*

**12 p.m. - 1:30 p.m.**

**Lunch Provided**

*Salon BC – Ballroom Level,  
The Peabody Hotel*

**1:30 p.m. - 3 p.m.**

**Unique State Activities**

**Moderators: Ken Miller, State of Maryland**

- **New York State GIS Helpdesk**  
**Presenters: Bill Johnson, CIO of the NYS Office of Cyber Security & Critical Infrastructure Coordination, and chair of the New York State GIS Coordinating Body; and Frank Winters, NYS Office of Cyber Security & Critical Infrastructure Coordination GIS manager**

The New York State GIS Helpdesk is a free online service available to anyone living or doing business in New York. Administered by the NYS Office of Cyber Security & Critical Infrastructure Coordination (CSCIC) and sponsored by the New York State GIS Coordination Program, this web-based help desk provides answers to both technical and non-technical GIS questions. Visitors can search the online Knowledge Base or the Help Desk's Frequently Asked Questions to view previously submitted questions and answers.

The helpdesk provides significant value to GIS users across New York State. It is especially useful to local governments and small GIS operations around the state because they can submit a question and within 1 business day receive a detailed response including easy-to-follow screen shots. No GIS user in New York needs to feel isolated from the GIS community and left to figure it out on their own.

The helpdesk has also been of value to the State Coordination Program. It attracts users to the coordination program web site, fosters involvement in coordination program

activities, encourages coordination of GIS data, and provides outstanding public relations for the program.

- **Maryland State Highway Administration**  
**Presenters: Ken Miller, State of Maryland and Matt Felton, Towson University**

Maryland State Highway Administration (SHA) is actively involved in a Statewide Cooperative Centerline Project to vertically integrate road centerlines across the state. The Shared Centerline Program began in 2001 and has resulted in methodology that allows local governments to contribute the centerline geometry and address information, while SHA adds value through roadway distance measurements and linear referencing. This data sharing agreement was taken to the next step in 2006 during a pilot program that tested the latest geodatabase replication technology. Using beta software, a subset of program participants successfully piloted the replication of a single centerline dataset and the synchronization of changes to that dataset.

- **1/9 Arc-Second West Virginia National Elevation Dataset**  
**Presenters: Kurt Donaldson and Craig Neidig, State of West Virginia**

West Virginia is the first state in the Nation to have complete statewide coverage of 1/9 arc-second (3-meter) resolution digital elevation data as part of the USGS National Elevation Dataset (NED). This successful project included funding and technical support from various public and private entities. To create the statewide digital elevation model with a nominal vertical accuracy of +/- 10 feet, the WV GIS Technical Center at West Virginia University collaborated with the USGS to develop and implement procedures to convert mass points and breaklines into a hydrologically enhanced, high-resolution grid.

# Agenda

**3 p.m. - 3:30 pm**

**Platinum Sponsor Presentation:  
Joining the Transportation Revolution**

**Moderator: Stu Davis, State of Ohio**

**Presenter: John A. Auble, Director of  
Government & Utilities, Tele Atlas, Inc.**

A critical mass of commercial and government contributors has changed the way we approach transportation problems. This presentation will highlight a few examples of innovation and comment on how government can strengthen their own contributions and increase the return from these efforts.

**3:30 p.m. - 4 p.m.**

**Break and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level,  
Statehouse Convention Center*

**4 p.m. - 5 p.m.**

**Implementing the Fifty States Initiative**

**Moderators: Bill Burgess, NSGIC**

**Washington Liaison and Milo Robinson,**

**Federal Geographic Data Committee**

**Speakers: Ted Koch, State Cartographer,**

**State of Wisconsin and Jeffrey Hamerlinck,  
Director, WYGISC, State of Wyoming**

This session will provide a brief summary of the activities already carried out under the Fifty States Initiative and the work that is planned for the coming year. Presentations by the states working under the FY 2006 CAP grants will focus on their current efforts and describe the “hurdles” that have to be cleared so that we can bring the various stakeholder groups together with a common purpose for strategic and business planning.

**5 p.m. – 6 p.m.**

**Update on the USGS National Geospatial  
Programs Office and the Federal  
Geographic Data Committee**

**Moderator: Bill Burgess, NSGIC**

**Washington Liaison**

**Speaker: William J. Carswell, Jr. Ph.D.,**

**Acting Director, National Geospatial**

**Program Office, U. S. Geological Survey**

The National Geospatial Programs Office (NGPO) of the US Geological Survey coordinates with partners to provide access and delivery of geospatial information, tools, and programs. Through *The National Map* (TNM), Geospatial

One-Stop (GOS), and the Federal Geographic Data Committee (FGDC), the NGPO facilitates data integration, partnerships for data investment and maintenance, and the delivery of geospatial products and services. This session will provide an update on activities of the NGPO over the last year including successes, priorities for the NGPO, and information on the next steps for the NGPO including goals and future activities. This session will also highlight some of the collaborative efforts within the USGS to support geospatial information.

**Speaker: Ivan DeLoatch - Director Federal  
Geographic Data Committee**

This session will review the current status and initiatives of the Future Directions and Governance Teams. Highlights of ongoing partnership efforts with the Geospatial community will be discussed, including information on the FY 2007 CAP Grant Program. Status information will also be shared on the Geospatial Line of Business process that has been the centerpiece of Federal coordination efforts.

**6 p.m. - 9:30 p.m.**

**Dinner Event at Clinton Library**

Tuesday evening, NSGIC will provide transportation to the Clinton Library. A shuttle bus will depart from the main entrance of The Peabody Hotel. It will run on a continuous rotation beginning at 5:45 p.m. until 10 p.m. Dress for the event will be semi-formal (jacket or tie).

The William J. Clinton Presidential Center is both an act of faith and of confidence. President Clinton hopes the Center will allow people to visit and study the eight years of his presidency and his efforts to help empower people with the belief that they can build America's greatest days in the new century. Located on the banks of the Arkansas River in downtown Little Rock's River Market District, the Clinton Center houses the largest archival collection in American Presidential history. The Center includes the museum, the archival collection, and educational and research facilities. NSGIC would like to thank Platinum Sponsor,

# Agenda

Tele Atlas for hosting this special event. This evening's welcome will be provided by Tele Atlas' information scientist, Don Cooke.

**9:30 p.m. - 12 a.m.**

**Hospitality Suite (open to all registrants) – Sponsored by Oracle, Inc.**

*Pinnacle Room – Penthouse Level,  
The Peabody Hotel*

## Wednesday, October 4

**7 a.m. - 5:30 p.m.**

**Registration**

*Toltec Registration Desk – Lower Level,  
Statehouse Convention Center*

**7:30 a.m. - 8:30 a.m.**

**Breakfast and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level,  
Statehouse Convention Center*

**8:30 a.m. - 9 a.m.**

**Keynote Presentation**

**Speaker: Senator Shane Broadway,  
Arkansas State Senate**

A great key to geospatial coordination in each state is the strategic backing from the state legislature. The Honorable Shane Broadway a GIS political champion in the Arkansas State Senate will share insights on how legislators can benefit from geospatial technologies and about working through state general assemblies to gain support for statewide geospatial initiatives.

**9 a.m. - 10 a.m.**

**Data Sharing: An Enterprise Approach**

**Moderator: Nathan Bentley, State of Idaho**

- Ohio: This session will discuss current initiatives with GIServOhio, Ohio's spatial data clearinghouse and spatial services delivery platform. GIServOhio is a service oriented platform that provides data discovery and access, online services, raster image provisioning and enterprise geocoding services. The session will also discuss the impact of these services on State of Ohio business functions.

- Arkansas: This session will discuss the upgrading of GeoStor to be more than just a search, find and download system paving the way to be a true shared service.
- Kentucky is quite possibly the first state in the nation to actually accomplish implementation of an "Enterprise Level GIS." The Kentucky Geography Network (KYGEONET) and its associated geospatial services constitute an elaborate suite of geographic information resources that is one of the most innovative uses of information systems technology in Kentucky's government, enabling hundreds of geospatial layers that are housed and served from one point in the IT infrastructure. In addition to data that is readily and freely available to the public, DGI also provides secure and privileged data for use in mapping portal applications created exclusively for emergency responders and preparedness experts, as well as for personnel detailed to homeland security activities. As of April 2005, the KyRaster and KyVector services were complete and stood in mirrored ArcSDE instances at the Cold Harbor Computing Facility. The instances were mirrored to separate traffic and reduce contention for the geospatial data resources. One instance is dedicated to supporting Kentucky's more than 40 Internet map server sites, its connection to United States Geological Survey's The National Map, the Geospatial One-Stop, and the newly created Kentucky Event Mapping and Analysis Portal (KEMAP). The secure KEMAP service was created for Kentucky Homeland Security, the National Guard, Kentucky State Police, Emergency Management, and other entities that have a true need for access to such information and currently contains over 120 thematic layers. The other instance is used to support State Government WAN users – this service currently provides data to over 100 users each day and is growing as we speak.

# Agenda

**10 a.m. – 10:30 a.m.**

**Break and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level,  
Statehouse Convention Center*

**10:30 a.m. – 12 p.m.**

**Transportation for the Nation**

**Moderator: *Stu Davis, State of Ohio***

Many of us at NSGIC believe a coordinated, unified approach to transportation networks is important for all levels of government, the private and public sectors. At the 2006 GIS-T, Ohio presented its collaborative centerline project and the tremendous (and positive) impact it is having in Ohio on state and local government. Additionally, there are several statewide initiatives (Arkansas, New York, Tennessee, West Virginia, Virginia to name a few) and each one has a slightly differing purpose and approach.

The community of interest for “Transportation for the Nation” includes government organizations concerned with challenges such as road inventory, highway safety, emergency services and emergency management, pavement management, vehicle routing, etc. It also includes commercial companies concerned with issues such as personal navigation, local searches, traffic safety, etc. This panel session is to broaden our viewpoints and initiate the discussion on Transportation for the Nation as a component of the National Spatial Data Infrastructure (NSDI). The intent is to keep the users and the problems they solve at the forefront of this initiative and use this to drive our individual and collective initiatives.

**12 p.m. - 1:30 p.m.**

**Lunch Provided**

*Salon BC – Ballroom Level,  
The Peabody Hotel*

**1:30 p.m. - 3:30 p.m.**

**Gold Sponsor Session**

**Moderator: *Stu Davis, State of Ohio***

In this session, the Gold level sponsors of the 2006 Annual Conference will have an opportunity to share their vision of GIS for America and offer insight on its impact on the states.

- **ESRI - Making Technology Work in the Real World**

**Presenters: *Steve Grise and Pat Cummens***

ESRI’s mission has always been to provide GIS technology to help our users meet their business needs. A key part of this requires understanding these real world needs and communicating GIS project methods and best practices that support them. This presentation will provide an update on several recent project activities and introduce ideas for further collaboration with NSGIC members.

- **Michael Baker, Jr. Inc. - Recent Advances in GIS Application Development**

**Presenter – *Robert F Austin, Director of Business Development, Geospatial Information Technology***

- **NASA Directions for Interaction with the States**

**Presenter: *Timothy L. Haithcoat, University of Missouri***

This presentation will outline the direction and approach that NASA is pursuing through NSGIC to promote, test, and evaluate the use of NASA data and models within state decision support environments. The example to be focused on will be issues surrounding air quality attainment.

# Agenda

- **Woolpert, Inc.**

**Presenter: Jeff Lovin, CP, Vice President of Photogrammetry**

Woolpert, Inc. will be exploring the following topics in the presentation:

- Statewide ortho-imagery provides one current, accurate, seamless base map to produce an interoperable mapping system used by all agencies, eliminating duplication of maintenance and collection efforts while providing improved communication between organizations.
- Location-based response systems (LBRS) are a necessary compliment to E911 databases and can also aid public safety and roadway programs.
- Oblique aerial view (OAV) imagery provides multiple, angled view of ground features, allowing decision makers to see these features in context with other surrounding features, regardless of which angle is being viewed.

- **Places2Protect**

**Presenter: J. Edward Pickle, Chief Operating Officer, IONIC Enterprise Inc.**

IONIC Enterprise and MCH GeoPoints will introduce their companies and will discuss the value of Places2protect and the value of interoperable software for organizing and accessing essential facility location and attribute data. Places2protect is the combined effort of two industry leaders – IONIC Enterprise, Inc., the leader in geospatial web services, and MCH GeoPoints, the #1 source for institutions data in the US. The presentation will address the challenges States face collecting and organizing accurate and current facility data and will provide States with insight on the costs and benefits of enhancing points of interest data.

- **Digital Data Technologies — The Next Generation Transportation Road Network**

**Presenters: Ron Cramer & Mark Wilcoxon**

Digital Data Technologies, Inc.'s (DDTI®), approach to collecting, processing, delivering and maintaining high-end transportation datasets meets the needs of federal, state and local government offices, including emergency response. Learn how DDTI brings to life the NSGIC philosophy, 'create it once, use it many' and the resultant return on investment

**3:30 p.m. - 4 p.m.**

**Break and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level, Statehouse Convention Center*

**4 p.m. - 5 p.m.**

**Homeland Security**

**Moderator: Jon Gottsegen, State GIS Coordinator, State of Colorado**

**Presenters: Michael Byrne, Research Geographer, Office of Statewide Health Planning and Development, will present on activities in California; Learon Dalby, GIS Program Manager, Geographic Information Office, will present on activities in Arkansas; Zsolt Nagy, Program Manager, Center for Geographic Information & Analysis, and Chris Kannan, NC NSDI Partnership Office, USGS will present on activities in North Carolina.**

This session will explore the process of sharing data between local, state, regional, tribal and federal agencies for Emergency Management, Homeland Security and Homeland Defense purposes. Many states have significant projects underway to develop data sharing and response procedures, but they are each different in their execution and stage of development. We will explore those differences with the goal of understanding what does or doesn't work.

# Agenda

**5 p.m. - 5:30 p.m.**

**Fusion Centers – Are They a Model for the Future?**

**Moderator: Bill Burgess, NSGIC**

**Speakers: Bill Burgess, NSGIC Washington Liaison; Gene Trobia, State Cartographer, State of Arizona, will discuss the relationship between the GIS community in Arizona and the State Fusion Center**

This session will provide some basic information regarding the support that is being shown for the state and regional Fusion Centers by the Department of Homeland Security. It will also examine at least one state that is succeeding in bringing together GIS Coordination activities with the Fusion Center which is run by the State Police Intelligence Unit. Pointers will be provided on how to form a successful relationship between these two groups.

**5:30 p.m. - 6 p.m.**

**Improved Geospatial Data and Project Management and Other Metadata Cures**

**Moderator: Ken Miller, State of Maryland**  
**Speaker: Linda Wayne, FGDC Training Program Project Manager**

Metadata provides information critical to effective geospatial data and project management. If incorporated into the data lifecycle, populated with robust information, actively maintained, and regularly reviewed, metadata facilitates: data maintenance and update; data discovery and reuse; data accountability; data liability; project planning; project monitoring; project coordination; and the production of effective project deliverables.

**6 p.m. - 9:30 p.m.**

**River Market Bar-b-Que**

It's Wednesday evening and it's time to get ready for some "World Champion BBQ" courtesy of the Whole Hog Café! The caterers for our event are listed in Fodor's Travel Guide as a "Can't Miss" and have been featured on the Food Networks "Tasty Travels with Rachel Ray". We'll also be entertained by the sounds of the local band Left of Center. The event will be held in the River Market Pavilion with the Arkansas River as its backdrop.

The pavilion is located just a few blocks from The Peabody Hotel. Please see NSGIC staff for alternatives to walking the short distance to this event.

**9:30 p.m. - 12 a.m.**

**Hospitality Suite (open to all registrants) – Sponsored by NAVTEQ**

*Pinnacle Room – Penthouse Level, The Peabody Hotel*

## Thursday, October 5

**7 a.m. - 5:30 p.m.**

**Registration**

*Toltec Registration Desk – Lower Level, Statehouse Convention Center*

**7:30 a.m. - 8:30 a.m.**

**Breakfast and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level, Statehouse Convention Center*

**8:30 a.m. - 9 a.m.**

**FEMA Map Modernization Update**

**Moderator: Cy Smith, Statewide GIS Coordinator, State of Oregon**

**Speaker: Paul Rooney, Risk Analysis Branch, Federal Emergency Management Agency**

This presentation will include an update on FEMA's Flood Map Modernization Program. This year FEMA provided a report to Congress on the status of Flood Map Modernization. As part of the preparation for this report, FEMA evaluated the status of the Map Modernization program at its mid-point and adjusted the strategy to respond to stakeholder and Congressional input. This mid-course adjustment focuses on producing quality flood hazard data. This presentation will also provide an update on geospatial coordination efforts for the Map Modernization program.

# Agenda

**9 a.m. - 10 a.m.**

**NSGIC Issues Briefing**

**Moderators: Tony Spicci, State of Missouri, NSGIC President; Stu Davis, State of Ohio; Zsolt Nagy, State of North Carolina; Bill Burgess, NSGIC Washington Liaison**

- **County Priorities**

**Speaker: Pedro Flores, GIS Program Manager, National Association of Counties**

This presentation will identify the most significant issues for county government and NACo's advocacy priorities for the upcoming year. The use of GIS technologies in county governments will also be discussed in relation to their major issues.

- **Ramona System Update**

**Speaker: Jill Saligoe-Simmel, Executive Director, Indiana Geographic Information Council, Inc.**

Modifications to the Ramona System and a profile of users will be described during this session. Information on the newly formed Steering Committee will also be discussed.

Other current topics of interest will be covered in this session. They will be announced earlier in the conference.

**10 a.m. - 10:30 a.m.**

**Break and Corporate Sponsor Exhibits**

*Wally Allen Ballroom A – Third Level, Statehouse Convention Center*

**10:30 a.m. - 11 a.m.**

**Making Better Use of the Web**

**Moderator: Nathan Bentley, State of Idaho**  
**Speaker: Mike Mahaffie, State of Delaware**

The task of a GIS Coordinator is tough. We have limited tools at hand as we strive to herd unruly groups of data creators, providers and users. Our most effective techniques are those of communication. The growing and changing Internet offers us new ways to effect that communication.

This session will explore the use of a variety of social networking tools to communicate news, events and

announcements. These will include tagging, blogging and RSS (Real Simple Syndication) feeds. We will explore the various roles of the connected well-connected coordinator, from information gatherer, ingesting RSS feeds to track developments at home and abroad, to web-publisher, sending out the good word of geospatial data sharing and integration.

**11 a.m. - 12 p.m.**

**Business Meeting II**

**Moderator: Tony Spicci, State of Missouri, NSGIC President; Stu Davis, State of Ohio; Zsolt Nagy, State of North Carolina**

This time is reserved to continue the Business Meeting if it is required to complete the agenda. Attendance at this session by State Representatives is important to provide a quorum for voting. After the completion of the Business Meeting, the closing ceremonies (including presentation of the Outstanding Service Awards) will conclude the business portion of this year's Annual Conference.

**12 p.m. - 1:30 p.m.**

**Lunch Provided**

*Salon A – Ballroom Level, The Peabody Hotel*

**1:30 p.m. - 6 p.m.**

**USGS Liaison Meeting**

*Ouachita Room – Level 1, The Peabody Conference Center*

**1:30 p.m. - 2:30 p.m.**

**Streamlined Sales Tax**

**Moderator: Shelby Johnson, State of Arkansas**

**Presenters: Frank Winters, State of New York; Lane Wood, State of Ohio; and Dennis Pederson, State of Tennessee**

A number of states are proactively engaged in supporting a national Streamlined Sales Tax initiative using geospatial data and technologies. For the first time GIS can be used as a tool to boost the bottom line for state revenues of each state participating in the national agreement. States can also leverage this initiative to strengthen road centerline and addressing database activities. A panel representing the States

# Agenda

of Arkansas, New York, Ohio and Tennessee will share their experience and implementation activity to support the initiative.

**2:30 p.m. - 3 p.m.**

**Legislative Updates**

**Moderator: Bill Burgess, NSGIC**

**Washington Liaison**

**Speaker: John Palatiello, Executive Director, Management Association for Private Photogrammetric Surveyors**

This presentation will offer a candid overview of recent Federal legislative activities dealing with geospatial technologies.

**3 p.m. - 3:30 p.m.**

**Break and Corporate Sponsor Exhibits**

**Wally Allen Ballroom A – Third Level, Statehouse Convention Center**

**3:30 p.m. - 5 p.m.**

**State Caucus Part II**

**Moderators: Tony Spicci, State of Missouri, NSGIC President; Stu Davis, State of Ohio; Bill Burgess, NSGIC Washington Liaison**

This session simply picks-up where we left off in the discussions during the first State Caucus on Sunday. State and local government members meet in private to discuss topics not covered in the first caucus and have an opportunity to add additional items for discussion.

**7 p.m. - 12 a.m.**

**Hospitality Suite (open to all registrants) –**

**Sponsored by Michael Baker, Jr., Inc.**

*Pinnacle Room – Penthouse Level, The Peabody Hotel*

## Friday, October 6

**9 a.m. – 12 p.m.**

**New Board Meeting**

**Moderator: Stu Davis, State of Ohio**

*Hoffman Room – Ballroom Level, The Peabody Hotel*

Open to all

*See you in 2007 ...*

**NSGIC Midyear Conference**

**March 25-29, 2007**

**Annapolis, Maryland**

**NSGIC Annual Conference**

**September 23-28, 2007**

**Madison, Wisconsin**



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