NATIONAL GEOSPATIAL ADVISORY COMMITTEE MEETING
September 22-23, 2010

Minutes

The National Geospatial Advisory Committee (NGAC) held a public meeting from 8:30 a.m. to 5:00 p.m. on September 22, 2010 and from 8:30 a.m. to 4:00 p.m. on September 23, 2010. The meeting was held at the American Institute of Architects (AIA) in Washington, DC. In accordance with the requirements of the Federal Advisory Committee Act, the meeting was open to the public.

NGAC Members present:
Anne Hale Miglarese (NGAC Chair)
Steven Wallach (NGAC Vice-Chair)
Sean Ahearn
Allen Carroll
Dick Clark
David Cowen
Jack Dangermond
David DiSera
Dennis Goreham
Kass Green
Randall Johnson
Randy Johnson
Jerry Johnston
Barney Krucoff
Timothy Loewenstein
Kimberly Nelson
Matthew O'Connell
Jack Pellicci
Jay Parrish
Cynthia Salas
Eugene Schiller

NGAC Members not present:
Timothy Bull Bennett
Sophia Beym
Xavier Lopez
David Schell
Chris Tucker

Ivan DeLoatch, Designated Federal Officer (DFO) for the NGAC, and Karen Siderelis, Geospatial Information Officer for the Department of the Interior, were also in attendance.

Other Attendees:
Cliff Allison (NAVTEQ), Jeanette Archetto (Grant Thornton), Danielle Ayan (NSGIC/GTRI), Nancy Brelos (Pictometry), Dan Cotter (DHS), Will Craig (NSGIC), Pat Cummens (ESRI), Lawrence DeFranco (iMapData),

Frank Derby (ACSM), Najia DiPiro (DOI), Erin Engle (Library of Congress), Randy Fusaro (Census), Adrian Gardner (NASA), Hank Garie (Grant Thornton), Rich Grady (Applied Geographics), Rob Greenstein (HUD), Steven Jackson (NGA), Leroy Jeter (Lockheed Martin), Dennis Klein (Boundary Solutions), Joe Klimavicz (DOC), Roxanne Lamb (FGDC), Butch Lazorchak (Library of Congress), Steve Lewis (DOT), Stephen Lowe (USDA), Arista Maher (FGDC), John Mahoney (FGDC), David Maune (Dewberry), Robin Parrish, Lea Shanley (NRC), Sally Rood (Policyworks), Patricia Solano (Koniag Technology Solutions), Jon Sperling (HUD), Sheila Steffenson (ESRI), James Stephen (Lockheed Martin), Dean Stoecker (ALTERYX), Mike Wooster (Sanborn)

WEDNESDAY, SEPTEMBER 22

Call to Order and Welcome
NGAC Chair Anne Hale Miglarese called the meeting to order at 8:30 a.m., welcomed the Committee members and the audience to the meeting, and summarized the meeting agenda. Ms. Miglarese noted that an opportunity for public comment would be provided during the morning of September 23. The NGAC members introduced themselves and public observers were introduced to the Committee. The ground rules for the meeting were explained to the members by the Chair.

Review and Adoption of June 2010 Meeting Minutes
Ms. Miglarese reviewed the draft minutes from the June 2010 NGAC meeting and called for approval.

> **DECISION:** The NGAC adopted the minutes of the June 22-23, 2010 meeting.

Geospatial Platform Briefing & Status of Initiative
Ms. Miglarese introduced a session on the Geospatial Platform initiative. The session included an update on implementation activities since the June NGAC meeting, as well as discussion and dialogue on three key topics:
- Managing Partner
- Intergovernmental Coordination
- Stakeholder Engagement

Ms. Miglarese briefly reviewed the NGAC's discussion and actions regarding the Platform at the June NGAC meeting. At that meeting, the NGAC reviewed a draft version of the Geospatial Platform Modernization Roadmap (version 2). NGAC members submitted over 100 comments on the draft Roadmap document. The document was also reviewed by the following NGAC subcommittees:
- Emerging Technologies Subcommittee (review of shared data, services and applications, infrastructure, and segment architecture)
- Governance Subcommittee (review of governance and metrics approaches)
- Partnerships Subcommittee (review of business model approaches)
- Platform Subcommittee (compiled comments from all NGAC members)

At the conclusion of the NGAC's discussion at the June meeting, the committee passed a resolution endorsing the Geospatial Platform concept as described in the Roadmap and encouraging the Administration, along with federal agency leadership, to adopt, support, and implement the initiative in partnership with State, local, regional and Tribal governments.

Karen Siderelis provided an overview presentation on core concepts of Platform and key activities since the June NGAC meeting. Ms. Siderelis provided a summary of the Interagency Review process for comments was conducted on Version 3 of the Platform Roadmap. The process began in August and concluded in September 2010. Agency comments fell into five main categories: concurrence on the document, questions concerning identification of the Managing Partner and authorities, implementation (timelines, feasibility, priorities, etc.), the offering (defining requirements and identifying priorities), and resources and funding available for implementation.

Ms. Siderelis discussed next steps in the implementation of the Platform, including the following:
- Execute outreach strategy
- Designate Managing Partner and Project Manager
- Develop near-term and long-term funding strategies
- Implement governance and portfolio management approaches

Ms. Siderelis also introduced three discussion topics related to the Platform. The discussions were led by members of the FGDC Executive Committee.

Topic One: Managing Partner (Steve Wallach)
Steve Wallach (NGA) led a discussion to solicit advice from the NGAC on managing partner options for the Platform. Discussion topics included the following:
- What are the core operational functions required for a successful Managing Partner function?
- Are there innovative organizational options that should be considered when developing the model for the Managing Partner organization?
- Are there essential criteria that must be factored into the decision on the Managing Partner organization?

Topic Two: Intergovernmental Coordination (Jerry Johnston)
Jerry Johnston (EPA) led a discussion to solicit advice from participants on intergovernmental coordination options for the Platform. The session included discussion of two options for an interim intergovernmental coordination body for the Platform:
1. NGAC Intergovernmental Subcommittee (organized under FACA)
2. FGDC Intergovernmental Subcommittee (non-FACA body. Members must be elected officials, or their employees designated to act on their behalf)
Mr. Johnston noted that the FGDC Executive Committee had reviewed the options and recommended Option 1 – an NGAC subcommittee. NGAC members also expressed a preference for Option 1.

Topic Three: Stakeholder Engagement (Stephen Lowe)
Stephen Lowe (USDA) led a discussion to solicit advice from participants on stakeholder engagement options for the Platform. Discussion topics included the following:
- How do we collaborate to promote stakeholder interest and engagement in the Platform?
- What tools can we use to foster a dialogue about the Platform?
- In what ways can NGAC members serve as Platform "ambassadors" to help share information with their organizations and communities and serve as conduits for receiving consolidated feedback?

FGDC Executive Committee Panel
The Geospatial Platform session concluded with a panel discussion with members of the FGDC Executive Committee. The discussion covered a variety of perspectives on Platform status and key issues for success, including approaches for the Platform business model.

The NGAC agreed on the following actions and recommendations related to the Geospatial Platform:

> **RECOMMENDATION:** The NGAC recommends the establishment of an Intergovernmental Subcommittee of the NGAC as the interim intergovernmental coordination body for the development of the Geospatial Platform.

> **ACTION:** The FGDC Executive Committee, in consultation with executive leadership, will make the final decision on establishment of the interim intergovernmental coordination body for the Geospatial Platform, and will provide a charge and guidance for the new body.

> **ACTION:** The NGAC Chair, Vice-Chair, and DFO will designate appropriate membership for an NGAC Intergovernmental Subcommittee, as appropriate. This may include additional, non-NGAC members.

> **ACTION:** Current NGAC subcommittees will continue to provide input on development of Platform, as requested by DFO, Chair, and Vice Chair.

> **ACTION:** The NGAC Chair and Vice Chair will meet with Interior Department leadership to provide additional NGAC perspectives on the Geospatial Platform and options for the Managing Partner function.

Leadership Dialogue
Dr. Raphael Bostic (HUD) addressed the Committee. Dr. Bostic serves as Assistant Secretary for Policy Development and Research at HUD. He is an economist by training, and has worked at the Federal Reserve, as a professor at USC, and also served a previous leadership position at HUD. In many of his roles, he has utilized and promoted geospatial technology and data as an effective problem-solving tool. Dr. Bostic noted that HUD Secretary Donovan is also a strong advocate and user of geospatial tools.

Dr. Bostic's office at HUD has created software training modules in geospatial technology that are available for public use. They have also added features on HUDuser.org, including allowing access to poverty rates, ethnic distribution, etc., via mapping applications. He has also convened a geospatial technologies working group, with support from the White House, to identify successful examples of using these technologies to affect decisions at a local level. Collectively, the Administration is working to create a geospatial agenda that promotes effective policies and decision-making.

Dr. Bostic also discussed the Administration's Place-based policy initiatives. The Executive Office of the President issued a memorandum to agency heads in 2009 on "Developing Effective Place-Based Policies for the FY 2011." This guidance memorandum outlined policy principles meant to advance the Administration's domestic and fiscal priorities and to increase the impact of government dollars by leveraging place-conscious planning and place-based programming. Dr. Bostic believes the place-based memorandum is a revolutionary approach to organizing budget and programmatic priorities. While progress in implementation thus far has been uneven, he believes that over the long term this approach,

together with the geospatial data and analytical tools that are now available, will result in significant and positive changes in program design, prioritization, and resource utilization.

Dr. Bostic noted that there is tremendous opportunity to incorporate geospatial technology tools into decision-making processes. The three main questions that should be asked are: How can we maximize capacity and adoption of geospatial tools for decision-making; in particular, collective decision-making? How can we best leverage geospatial tools and talents to implement key administration initiatives? How can existing geospatial institutions be best leveraged to implement policy (e.g., NGAC)?

Dr. Bostic engaged in a wide-ranging discussion with NGAC members that covered the place-based imitative, HUD's programs, broadband access, opportunities for continuing collaboration and partnerships, and opportunities to leverage geospatial tools and talents to implement key administration initiatives. Dr. Bostic also commented on HUD's growing role in developing national-level parcel data. Dr. Bostic noted that it would be helpful to have a summary of best practices for brief summary of best practices for local government geospatial programs to help in communicating with local leaders. The NGAC agreed to develop a summary paper.

> **ACTION:** The NGAC will provide a summary of best practices for effective utilization of geospatial tools and technology at the local government and community level.

> **ACTION:** The NGAC Chair and Vice Chair will follow up with Dr. Bostic to discuss continued engagement with the NGAC.

Governance Subcommittee – Metrics Discussion
Dennis Goreham introduced a session on Geospatial Metrics that was organized by the NGAC Governance Subcommittee. The session was a follow-up to the white paper that the Subcommittee developed and presented to the NGAC in December 2009. Randall Johnson provided a recap of the main elements of the paper. Key themes included societal impact, NSDI environmental statistics, data development and resources, technology capabilities, and organization and governance.
Mr. Goreham and Mr. Johnson introduced a panel of speakers to provide presentations on related efforts across the geospatial community to develop effective approaches to metrics.

FGDC Lifecycle Management Work Group – Wendy Blake-Coleman (EPA)
Wendy Blake-Coleman gave a summary of the activities of the FGDC Lifecycle Management Work Group, whose goal is to deliver complete, timely, and high quality data sets to provide the basis for useful geospatial tools. The intended outcomes include managing A-16 themes and associated data as strategic assets within a portfolio, and using metrics and dashboards to support effective decision-making. The primary focus of the Work Group has been the development of new Supplemental Guidance to OMB Circular A-16. The guidance has been endorsed by the FGDC Coordination Group and Steering Committee. The NGAC has also provided comments on the draft guidance. The guidance is in final review at OMB and it is expected that it will be released in the Fall. The guidance provides for a portfolio management approach, and associates specific data sets associated with each A-16 data theme.

URISA Geospatial Capabilities Maturity Model – Greg Babinski (King County, WA)
Greg Babinski gave a presentation on the URISA maturity model for counties and municipalities. He provided background on the state of counties and municipalities, in relation to GIS maturity. City and county GIS operations vary greatly in success, level of development, and capability. Resources are

scarcer than ever, and cost-effective means of assessing GIS maturity are often lacking as well. This effort began as an academic exercise within King County. The municipal maturity model was completed in 2009, and was distributed to 65 counties in Washington State. 31 have used the model thus far. The model has subsequently been presented at the Washington and Oregon GIS conferences, as well as at the URISA Annual Conference. The model combines a typical CMM process focus with infrastructure status assessment. There are 21 enabling capability components, including data, technology, infrastructure, staff, funding, etc. There are 14 execution ability components, which focus on staff processes.

COGO Data Report Card – John Palatiello (MAPPS)
John Palatiello gave a summary of the COGO Data Report Card. COGO - the Coalition of Geospatial Organizations - is the umbrella group of all of the major national associations in the geospatial community. COGO includes 16 national professional societies, trade associations, and membership organizations in the geospatial field, representing more than 30,000 individual producers and users of geospatial information and technology. COGO recently voted to develop a "report card" on the NSDI. The report card will be modeled after the ASCE Infrastructure Report Card. The report card will grade the implementation status of the NSDI framework layers. The goal is to raise awareness of geospatial investments to the public and to decision-makers. The report card will be subjective and qualitative, and will look at each framework layer using common criteria: currency, completeness, scale/resolution, and accessibility. COGO will select a panel of experts to evaluate the status and condition of the NSDI layers and develop the report card, and will form a team of staff members from COGO organizations to begin designing an outreach and communications program to promote the results.

NSGIC Statewide Geospatial Maturity Model – Danielle Ayan (Georgia Tech Research Institute)
Danielle Ayan presented on the NSGIC Statewide Geospatial Maturity Model (GMA). GMA was developed through an FGDC CAP grant to Georgia Tech. The mission of the GMA is to create a common, credible assessment methodology to routinely and continuously monitor and validate statewide geospatial capabilities. The GMA compiles data from individual states into tables that shows the geospatial maturity of each state. The goal is to help guide geospatial investment priorities.

Following the presentations, the meeting was opened up to discussion and questions from the NGAC members. The NGAC agreed on the following:

> **RECOMMENDATION:** NGAC encourages continued collaboration among FGDC, NSGIC, URISA, and COGO on geospatial metrics initiatives and maturity models. The NGAC invites progress reports as the metrics initiatives are developed.

> **ACTION:** FGDC will integrate information from the metrics presentations and seek alignment with the Administration's new Accountable Government Initiative.

Day 1 Wrap-Up/Planning for Day 2
The Chair summarized the day's events and made announcements regarding logistics and the next day's meeting.

Adjournment for Day 1
The Chair adjourned the meeting at 5:15 p.m.

THURSDAY, SEPTEMBER 23

Welcome, Summary of Day 1, Overview of Agenda
The Chair convened the second day of the meeting at 8:30 a.m., reviewed the previous day's activities, and provided an overview of the agenda for the day.

Geospatial Workforce Subcommittee Report
Dave DiSera and Sean Ahearn provided an update on the activities of the NGAC Geospatial Workforce Subcommittee. The subcommittee has been researching and reviewing a number of ongoing geospatial workforce development initiatives and activities to gain a better understanding of the relevant work that is underway. One excellent example is the Geospatial Technology Competency Model recently developed by the Department of Labor. The model, which includes nine tiers of competencies, is a useful guide for the geospatial industry hiring and devilment of geospatial professionals. The website for the Competency Model is: www.careeronestop.org/competencymodel

Sean Ahearn provided an update on the Geographic Information Science and Technology Body of Knowledge (BoK). BoK 1 focused on creating and maintaining a current Body of Knowledge in the multi-disciplinary field of GIS. BoK 2 will extend BoK1 to enable maintenance and expansion of the knowledge base. The Subcommittee will continue its research efforts and provide additional information and recommendations at upcoming NGAC meetings.

Leadership Remarks
Andrew Jackson, DOI Deputy Assistant Secretary for Technology, Information, and Business Services, addressed the NGAC and provided an update on recent Interior and Administration activities. Mr. Jackson noted that Secretary Salazar and his executive team have been at the forefront of the Administration's efforts to respond to the Gulf Oil Spill. This was a significant disaster, and leadership of the response has been a top priority for the Department and the Administration. The Secretary is committed to effectively utilizing geospatial tools and technology to address the Administration's goals and priorities.

Mr. Jackson noted that the Geospatial Platform initiative is a good example of forward-looking approaches to geospatial programs. He noted that the FGDC Executive Committee has provided strong leadership in developing and advancing this proposal. One of the critical next steps will be designating a Managing Partner and a critical path forward in developing this proposal. DOI will collaborate with OMB and partner agencies to determine the appropriate location for the Managing Partner responsibility for the Platform. The feedback that NGAC is providing on the Platform will be very helpful in informing this process.

Deanna Archuleta, DOI Deputy Assistant Secretary for Water and Science, also addressed the NGAC and provided her perspectives. In her role as Deputy Assistant Secretary for Water and Science, Ms. Archuleta helps provide policy leadership for the U.S. Geological Survey and the Bureau of Reclamation. Geospatial information is a vital component of USGS and BOR programs, as well as with other bureaus and offices within Interior. Ms. Archuleta thanked the members of the NGAC and expressed her strong interest in fostering collaboration between the committee and the leadership team at Interior.

Mr. Jackson and Ms. Archuleta engaged in a dialogue with the committee members and addressed a range of comments and questions.

ACTION: Interior welcomes continuing feedback and advice from NGAC on the Geospatial Platform, including the roles and responsibilities of the Managing Partner**.**

ACTION: Interior encourages NGAC members to serve as liaisons or "ambassadors" to their communities of interest to seek comment and suggestions on the draft Geospatial Platform Roadmap document.

Public Comment Period

Will Craig, National States Geographic Information Council (NSGIC)

Mr. Craig provided public comment to the Committee. He expressed some frustration with delays in progress on the Geospatial Platform. However, he also indicated that he was encouraged by what he had heard about the Platform at this meeting. Mr. Craig encouraged the NGAC and the FGDC to continue to focus on national approaches (as opposed to Federal approaches), and to maintain a strong emphasis on intergovernmental coordination.

Butch Lazorchak, Library of Congress

Mr. Lazorchak provided an update on recent activities of the LOC's National Digital Information Infrastructure and Preservation Program (NDIIPP). The mission of NDIIPP is to work with a network of partners in all levels of government and academia to preserve information, including geospatial information. NDIIPP is currently working with Columbia University to creating a clearinghouse of information. LOC is planning a meeting of federal stewards of geospatial information this November, including EROS Data Center, NOAA, National Archives, etc. Several NGAC members will be asked to participate. The LOC is developing a website called The Sustainability of Digital Format, which addresses issues of openness, property rights, etc. It is not yet publicly available, but will be made public early next year. LOC would appreciate the community's input on this initiative.

Dennis Klein, Boundary Solutions

Mr. Klein provided public comment and information on parcels and polygons in order to provide background information and clarification for NGAC members.

Program Updates

National Elevation Data – Larry Sugarbaker

Larry Sugarbaker (USGS) provided an update on the National (Enhanced) Elevation initiative. Mr. Sugarbaker described the origins of the elevation initiative and summarized recent developments and next steps. USGS significantly expanded elevation data acquisition for FY2010 due to onetime appropriation of ARRA funds. FEMA also increased their funding for elevation data in FY2010. FY2011 funding levels are expected to decrease.

USGS will conduct an Enhanced Elevation Study in 2011. A contract to support the study was recently awarded to Dewberry. The study is being funded by USGS, FEMA, NGA, and NRCS. NOAA is providing in-kind services to support the study. The study will include five elements:

- Documentation of business uses and inventory of existing elevation data
- Aggregation and analysis of business uses
- Assessment of emerging elevation data collection technology and related issues
- Technology infrastructure alternatives
- Development of program implementation scenarios

There are three potential program implementation scenarios. The first is that agencies coordinate their activities in a highly distributed and individualized program. The second is a national program where acquisition, management, and distribution responsibilities are shared and well-coordinated. Finally, the last possible scenario is a national program where the Federal Government administers the data acquisition and distribution on behalf of all users through a lead Federal agency. Some of these scenarios may change as more is leaned about customer data requirements.

<u>Transportation for the Nation – Steve Lewis</u>
Steve Lewis provided an update on the Transportation for the Nation (TFTN) initiative. The Department of Transportation is leading this effort in partnership with the National States Geographic Information Council (NSGIC). The goal of TFTN is the creation and maintenance of high-quality, nationwide transportation data that is in the public domain and readily shareable. Additional elements include an initial focus on street centerlines (but an eventual multi-modal focus), Nationwide data spanning all states and territories, and a common geometric baseline. The development of the TFTN initiative is also being driven by emerging USDOT data requirements for geospatial data for all roads, such as accident reporting for enhanced safety and bridge inventory; as well as alignment with emerging initiatives such the Geospatial Platform concept.

USDOT has hired vendors (Koniag Technology Solutions, Applied Geographics) to support the development of the initiative. A series of workshops and meetings have been held to gather information and seek input. Next steps include additional interviews, meetings, surveys, and case studies. The strategic planning process will focus on engaging the stakeholder community, defining requirements, documenting progress already made, exploring implementation issues, and evaluating funding requirements and sources.

> **ACTION:** The NGAC invites continuing status reports on the National Elevation Data initiative and the Transportation for the Nation initiative as they are developed.

Emerging Technologies Subcommittee Report
Kim Nelson provided an update on the activities of the Emerging Technologies Subcommittee. The subcommittee's charge is to provide analysis, advice, and recommendations on the impacts that new and emerging technologies are likely to have on the management and use of federal geospatial data and programs. The subcommittee's primary emphasis has been on cloud computing – with an initial goal of developing a common baseline of understanding among the members of the NGAC. Ms. Nelson provided a brief overview of background information on cloud computing, which includes three different approaches, Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS). The acquisition models for IT need to be changed in order to keep up with new technologies. Ms. Nelson identified key cloud user concerns, including:
- Data Ownership, Security and Privacy
- Service Level Agreements, Liability and Recourse
- Lack of Control over Impact on Business Process

She also described key issues of concern to the cloud industry:
- Cloud computing business & practices are work in progress
- No industry standard for cloud providers
- Many believe Congress needs to take legislative action to update older security and privacy laws

Next steps for the subcommittee include a continuing evaluation of cloud providers, as well as a dialogue regarding the Federal GeoCloud initiative.

Lightning Talks/Community Announcements

Dick Clark provided a brief description of a new Request for Information (RFI) that will soon be issued by the States of Montana, Oregon, and Utah for cloud-based geospatial services. Mr. Clark will provide more information on this initiative at the next NGAC meeting.

Sean Ahearn provided an overview of a New York City initiative called "Solar NYC." Solar NYC will utilize LiDAR as input to a solar insolation model. The project will create a surface model for the City and use LIDAR to examine roof morphology, among other benefits. Users will be able to access the data from a web portal.

David Cowen provided a description of a new set of National Research Council studies. The new studies include a review of the Future U.S. Workforce for Geospatial Intelligence and a study of National Requirements for Precision Geodetic Infrastructure.

Timothy Loewenstein provided an overview of a new notification/alert system in Nebraska, BuffaloWatch.Net, which is driven by geospatial data and tools. Mr. Loewenstein described the capabilities of the notification system, including user customization options.

FGDC Report
Ivan DeLoatch provided an update on recent FGDC activities. Highlights included the following:

A-16 Supplemental Guidance
The document was submitted to OMB in July. Several briefings for OMB were held in August and September. The guidance will be an excellent tool supporting metrics and portfolio management. The document is currently in final review at OMB, and they conveyed it is expected that the document will be issued to agencies in Fall 2010.

Accountable Government Initiative
This Administration's new Accountable Government initiative is another opportunity to demonstrate the usefulness of geospatial technology to support accountability. The memo is available on the White House website at:
http://www.whitehouse.gov/sites/default/files/omb/memoranda/2010/AccountableGovernmentInitiative_09142010.pdf. NGAC members were encouraged to review the memo and provide suggestions on how the geospatial community can contribute.

Geospatial Line of Business
FGDC awarded a new Geospatial LoB support contract to Grant Thornton in September 2010. There will be a strong correlation between the LoB and Geospatial Platform. The FGDC is working to synergize these two activities.

FGDC Governance Activities
The FGDC Steering Committee is voting on the adoption of the National Digital Orthophoto Program (NDOP) as an FGDC subcommittee. The vote will conclude in September 2010.

IFTN Request for Information

The National Geospatial-Intelligence Agency issued a Request for Information (RFI) on behalf of FGDC agencies seeking input on the Imagery for the Nation initiative. 32 responses were received. The responses are being analyzed by a team from FGDC agencies. Feedback is due in October. Feedback will be compiled and integrated, with joint review in mid- to late- October. The intent is to shape future plans for IFTN.

Geospatial Standards

FGDC is in the process of endorsing 64 OGC and ISO standards. The recommendation is currently out for Steering Committee vote, which is due on September 27.

NGAC 2011 Nominations

FGDC has received approximately 50 nominations for the next round of NGAC appointments, with many strong candidates. An interagency review panel will evaluate the nominations and provide recommendations to the Office of the Secretary of Interior. It is anticipated that the appointments will be finalized in December 2010. The appointment terms will be three years.

> **RECOMMENDATION:** The FGDC will seek advice and recommendations from the NGAC on implementation of the new OMB Circular A-16 Supplemental Guidance.

> **ACTION**: The Department of the Interior will complete the next round of appointments to the NGAC by January 2011.

Subcommittee Reports

The National Map – Allen Carroll

Allen Carroll provided a report on the activities of the National Map Subcommittee. The Subcommittee developed a set of recommendations on the relationship of the National Map program to the Geospatial Platform. The recommendations were as follows:

> "A key component of the geospatial platform must be an integrated set of foundational data layers for the nation. The National Map represents the primary existing effort to provide this service. TNM should focus on providing this foundational data, across a wide range of scales, as its primary purpose, in partnership with an array of data providers in accordance with A-16. The foundational layers should align with the FGDC Framework, with the addition of geographic names."

> "Parcels should be incorporated as one of TNM's base data layers. A lead agency or agencies should be identified as federal integrator(s) of parcel data."

NGAC members expressed general support for the recommendations, and agreed to seek input from USGS before final consideration of the recommendations. The NGAC agreed on the following action:

> **ACTION:** The NGAC will request comment from USGS on the NGAC's draft recommendations on The National Map.

Broadband – Bob Austin

Bob Austin provided a brief update on the Broadband Subcommittee's recent activities. The Subcommittee members have been in contact with Mike Byrne from FCC regarding the status of the

Broadband initiative. FCC is in the process of reviewing and awarding contracts to support the Broadband activity. Mr. Byrne has been invited to provide an update on the initiative at the December NGAC meeting.

Partnerships – Barney Krucoff/Gene Schiller
Barney Krucoff and Gene Schiller provided a summary of the Partnership Subcommittee's observations on the Business Model section of the draft Geospatial Platform Roadmap document. They noted that the discussion of the business model in the draft report is not yet a fully developed business plan. The subcommittee strongly believes that a process to create a business plan is needed. That plan should have two levels of detail:
1. Overall business structure/funding for the platform (self-funded? enterprise fund? seed money?)
2. Product plans for each product (what is the risk/reward, cost/benefit for each partner for each product?). The proposition must be better than the status quo for each partner.

The subcommittee noted that additional legal and contracting support will be required to fully develop the business plan, and that governance will be key to implementation.

Communications – Kass Green
Kass Green gave an update on the Communications Subcommittee's recent activities, which include providing feedback on the stakeholder engagement process for the Geospatial Platform. The committee discussed several key questions, including the following:
• How do we collaborate to promote stakeholder interest and engagement in the Platform?
• What tools can we use to foster a dialogue about the Platform?
• In what ways might NGAC members serve as Platform "ambassadors" to help share information with their organizations and communities and serve as conduits for receiving and organizing consolidated feedback?

Stephen Lowe presented a draft paper that summarized the benefits of the Geospatial Platform. He asked that the NGAC review the benefits statement after this meeting and provide comments to improve the document.

> **ACTION:** NGAC members will provide comments on the draft Benefits paper for the Geospatial Platform to FGDC and the NGAC Communications Subcommittee by October 6.

> **ACTION:** FGDC will post the Geospatial Platform Modernization Roadmap and updated communications content on the Geoplatform.gov website.

> **ACTION:** NGAC members will share the Geospatial Platform Modernization Roadmap Version 3 within their professional networks and encourage consolidated feedback to FGDC.

Lightning Talks/Community Announcements
Jack Dangermond gave a brief talk on potential models for the Managing Partner of the Platform. Potential responsibilities include managing interagency agreements, coordinating among agencies, identifying conflicts and opportunities within datasets, IT services/cloud computing, interoperability standards, content standards, programmatic data, mission apps, executive leadership, enforcing A-16, and customer relations. Potential Managing Partner options include:

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Option 1 – Single Lead (could be DOI or GSA; or another agency like NOAA, Census, EPA ,or USDA; or, it could be a private sector organization). There should be a distinction between executive leadership vs. execution. This is an inherently governmental activity, but some of the execution could include private organizations.

Option 2 – Leadership Partnership (two organizations working together in tandem).

Meeting Summary/Wrap-Up
The Chair and staff summarized action items and decisions from the meeting and provided information about the next scheduled NGAC meeting.

Next Meeting
The next NGAC meeting is scheduled for December 7-8 in Washington, DC. Potential agenda topics include the following:
- Follow-up on Geospatial Platform initiative
- Implementation of new HMDA parcel data requirements
- Discussion of National Broadband Map
- NGAC Subcommittee reports

Meeting Adjournment
The Chair adjourned the meeting at 4:00 p.m.

Certification

I hereby certify that, to the best of my knowledge, the foregoing minutes are accurate and complete.

Anne Hale Miglarese, Chair, National Geospatial Advisory Committee

Ivan DeLoatch, Designated Federal Officer, National Geospatial Advisory Committee

These minutes will be formally considered by the Committee at its next meeting, and any corrections or notations will be incorporated in the minutes of that meeting.

NOTE – These Minutes were approved by the NGAC on December 7, 2010

**September 2010 NGAC Meeting
Summary of Presentations and Handouts**

The following is a list of the presentations and handouts from the meeting. These meeting materials are posted along with the minutes at: http://www.fgdc.gov/ngac/meetings/september-2010/index_html

Geospatial Platform

- Geospatial Platform Overview
- Managing Partner Discussion Paper
- Intergovernmental Coordination Discussion Paper
- Stakeholder Engagement Discussion Paper

Geospatial Metrics

- Governance Subcommittee – Overview
- FGDC Lifecycle Management Workgroup Presentation
- URISA Presentation
- COGO Presentation
- NSGIC Presentation

FGDC Report

- FGDC Report

Program Updates

- National Elevation Data Presentation
- Transportation for the Nation Presentation

Subcommittee Updates

- Workforce Development Subcommittee Presentation
- Emerging Technologies Subcommittee Presentation
- National Map Subcommittee Presentation
- Partnerships Subcommittee Presentation

"Lightning Session" Presentations

- Solar NYC – Ahearn
- New NRC Studies – Cowen