

**National Geospatial Advisory Committee Meeting**  
**September 5-6, 2018**  
**Minutes**

The National Geospatial Advisory Committee (NGAC) held a public meeting from 8:30 a.m. to 5:00 p.m. on September 5 and from 8:30 a.m. to 4:00 p.m. on September 6, 2018. The meeting was held at the National Conservation Training Center, in Shepherdstown, WV. In accordance with the requirements of the Federal Advisory Committee Act, the meeting was open to the public.

**NGAC Members present:**

David Alexander  
Frank Avila  
Sarah Battersby  
Talbot Brooks  
Gar Clarke  
Garet Couch  
Patricia Cummins  
Frank Harjo  
Xavier Irias  
Roberta Lenczowski  
Roger Mitchell  
Keith Masback  
Rebecca Moore  
Kevin Pomfret  
Laxmi Ramasubramanian  
Carl Reed  
Amber Reynolds  
Douglas Richardson  
Julie Sweetkind-Singer  
Cy Smith  
Rebecca Somers  
Jennie Stapp  
Harvey Thorleifson  
Jason Warzinik  
May Yuan

Ivan DeLoatch, Executive Director of the Federal Geographic Data Committee and Designated Federal Officer (DFO) for the NGAC, and John Mahoney, Alternate DFO, were also in attendance.

**NGAC Members not in attendance:**

Stuart Davis  
Matthew Gentile

**Other attendees**

John Byrd (NSPS), Pamela Bingham (TSU GLOBE/HBCU GIS Consortium), Lucia Foulkes (FGDC), Rich Frazier (FGDC), Tricia Gibbons (Lead Alliance), Tony LaVoi (NOAA), Steve Lewis (DOT), Lynda Liptrap (U.S. Census

Bureau), Vicki Lukas (USGS), Adam Martin (ESRI), Tim Petty (DOI), Mark Reichardt (OGC), Ken Shaffer (FGDC), Greg Snyder (USGS), John Wertman (ESRI).

### **WEDNESDAY, September 5, 2018**

#### **Welcome, Objectives, and Introductions**

Julie Sweetkind-Singer, NGAC Chair called the public meeting to order at 8:30 a.m. and welcomed members and attendees. Member and attendee introductions were made. The Chair provided an overview of the agenda for the first day.

#### **Review and Adoption of June 2018 Minutes**

The draft minutes of the June NGAC meeting were reviewed, and the Chair called for approval.

**DECISION:** The NGAC adopted the minutes of the June 26-27, 2018 2018 NGAC meeting.

#### **Leadership Dialogue**

Dr. Tim Petty, Assistant Secretary for Water and Science and FGDC Chair welcomed NGAC members and attendees. Dr. Petty encouraged NGAC members to think about how the federal community could work with various sectors (private sector, state, local, academia and others) to leverage geospatial technology and data. Dr. Petty reported on the FGDC Steering Committee meeting held on July 26. He also recognized the value of the NGAC subcommittee work products such as the use cases produced by the Infrastructure Subcommittee and the recommendations developed by the Landsat Advisory Group (LAG).

Dr. Petty talked about the President's Management Agenda. He encouraged NGAC members to think about what can be accomplished with Federal data. For example, develop mechanisms to better utilize important data such as Landsat data. He also emphasized the critical role of the National Spatial Data Infrastructure (NSDI) Strategic Plan for the nation.

At the conclusion of his remarks, Dr. Petty and Ivan DeLoatch recognized the NGAC member whose terms are ending in December 2018. Dr. Petty thanked the following members for their service and contributions:

#### **Members completing first NGAC terms:**

David Alexander  
Frank Avila  
Sarah Battersby  
Xavier Irias  
Rebecca Moore  
Laxmi Ramasubramanian  
Carl Reed  
Amber Reynolds  
May Yuan

#### **Members completing first NGAC terms:**

Talbot Brooks  
Matt Gentile  
Frank Harjo  
Roger Mitchell  
Doug Richardson

## **Update on Federal Programs & Initiatives: Collaborative Partnerships**

The Chair introduced three guest speakers who provided updates on collaborative partnership activities as part of the NGAC's effort to identify emerging best practices and models:

### Open Geospatial Consortium (OGC) Disasters Interoperability Concept Development Study

Mark Reichardt (OGC) spoke about partnerships in the context of the OGC Disaster Development Concept Study. Mr. Reichardt discussed OGC's mission and noted that the Concept Development Study generated significant community stakeholder support and input. Key points included:

#### Recurring Themes in disaster management

- Lack of policy operationalization
- Difficult to identify access fit data that applies to specific problems
- Lack of sufficient and timely coordination in the disaster workflow to make decisions quickly (for first responders)
- Need for a persistent methodology to address the full lifecycle of a disaster

Disaster Concept Development Study: One of the objectives is to engage stakeholders (Executive, Operational and Technical) to gather and share information on the current state for using geospatial data and services during natural disasters.

Phase 1 – OGC Disaster Interoperability Concept Development Study: Two workshops were held, one at NASA (West Coast) and another at NOAA (East Coast). The sponsors included DHS, USGS, and FGDC.

#### Key conclusions of phase 1

- Allow different stakeholders at different locations to access SDI.
- Allow for data exchange, especially dynamic data, in an efficient and secure way.
- Increase the use of open standards.
- Underserved stakeholders such as first responders and the general public.
- Architecture implementations should be a loose confederation of portals and platforms discoverable by open specifications and standards.
- Architecture should allow easy integration of new and emerging technologies.
- Better integrations of near- real-time observations from satellite and in-situ sensors, along with auto-registration of sensors are required.
- Need to exercise a Disasters SDI in all phases the 'life cycle' of disaster management: 1) mitigation; 2) preparedness; 3) response; and 4) recovery.
- Core/base data should be prepared and available in advance. i.e. Pre-loaded on mobile devices for first responder/field use

Phase 2 – OGC Disasters Interoperability Pilot initiatives: These initiatives will be designed to:

- Illustrate the benefits of a common, interoperable Disasters SDI to support improved support to disaster lifecycle.
- Highlight the SDI architecture concept, technology, and its application to support disaster stakeholders.
- Leverage Concept Development Study findings to advance new capabilities, new levels of access to relevant geospatial information.
- Explore approaches that allow more efficient use of disasters SDI data, processing resources.
- Analyze consistent and long-term retainability practices related material.

Next steps:

- OGC is finalizing an engineering report to document findings.
- Sustain and grow dialog with the disaster stakeholder community.
- Begin planning for pilots to address key CDS community findings.

### 3D Elevation Program

Vicki Lukas (USGS) reported on the activities of the 3D Elevation Program. The goal of this program is to complete the acquisition of nationwide lidar (ifSAR in AK) in 8 years. Key points included:

- Data is available or in progress for 48% of the Nation. In Alaska, data is available or in progress for 98% of the state.
- Supplemental Funding
  - Following last year's hurricanes and wildfires, the program received \$20.3M supplemental funding for lidar acquisition.
  - The 3DEP Working Group and Broad Agency Announcement (BAA) process resulted in a total of \$28.8M in partnerships and \$3.4M NGP funding to complete coverage of the impact and adjacent areas.
- Critical Minerals Mapping Initiative: An Executive and Secretarial Order in support to finding critical minerals in the U.S. The USGS is working to create an integrated plan to improve the Nation's understanding of domestic subsurface critical mineral resources and to publish resulting data.
- 3DEP Data Acquisition Partnership:
  - Broad Agency Announcement (BAA) for FY 2019 will be released soon. An instructional webinar was held on August 22. BAA proposals are due November 9, 2018.
  - USGS is working toward a Multi-Year Plan. 3DEP and NSGIC are working on a project to develop State 3DEP plans. The NSGIC project will develop a guide, plan template, and best practices.
- 3DEP Future Acquisition Partnership and 3DEP Nation Elevation Requirements and Benefits Study: The 3D National Elevation Requirement and Benefits Study will help understand inland, nearshore and offshore bathymetric data requirements and benefits, and how requirements and benefits dovetail in the nearshore coastal zone.
- 3DEP Partnership and Federal Best Practices: 3DEP depends on partnerships managed by USGS on behalf of a broad partner community that includes Federal, state, and local agencies, as well as the private sector and non-profit groups.

### Digital Coast

Tony LaVoi (NOAA) spoke about NOAA's Digital Coast program. The program provides actionable information for coastal management through an approach that brings the geospatial and coastal management communities together.

Digital Coast partners include American Planning Association, Association of State Floodplain Managers, Coastal States Organization, National Association of Counties, National Estuarine Research Reserve Association, National States Geographic Information Council, The Nature Conservancy, and Urban Land Institute. These partners were selected because of their broad reach and understanding of common requirements. These partners bring content, evaluation, outreach and advocacy, understanding of user needs, and credibility.

Success elements in Digital Coast partnership:

- Dedicated relationship building

- The diversity of perspective and user needs
- Executive leadership and participation
- The sense of shared ownership
- Listening to partners and taking action accordingly
- Continuous engagement

Following these presentations, NGAC members were asked to identify the common elements of successful partnerships from these examples. Key points included the following:

- Partnerships are a result of a necessity
- Communications/outreach are critical
- Look at problems/issues
- Care and feed the relationship.
- No single model
- Advocates are critical
- Outreach to targeted audiences
- Diversity of perspectives
- Listen and take action
- Shared ownership
- Evaluate & evolve
- Recognize and celebrate interim successes
- Making sure as technology and applications change, develop new relationships
- Partnerships survive if they matter

### **Federal Geospatial Highlights**

Ivan DeLoatch (FGDC) provided an update on current FGDC activities. Highlights included the following:

National Geospatial Data Asset (NGDA) Management Activities: The NGDA 2017 Data reports are complete and will be available on the GeoPlatform. Theme Summary Reports from the 2017 Lifecycle Management Assessments are complete and have been approved by the FGDC.

President's Management Council (PMC) Memorandum and FGDC membership: FGDC continues to receive Steering Committee designations from agencies in response to the memo signed by FGDC Chair and distributed to member agencies through the President's Management Council. The memo asked agencies to designate Senior Agency Officials for Geospatial Information (SAOGIs) to serve on the Steering Committee. SAOGIs have also been designating their Coordination Group member(s).

Steering Committee Update: A Steering Committee meeting was held on July 26. One of the key actions was for OMB to organize a meeting with OMB Resource Management Officers (RMOs) and FGDC ExCom and Steering Committee members. The meeting with RMOs took place on August 9. Several follow-up activities resulted from the meeting.

Coalition of Geospatial Organizations (COGO) Report Card Update: The second NSDI Report Card is anticipated to be released in Fall 2018. FGDC has held a series of meetings with COGO leadership and evaluations teams. All 8 NGDA theme assessments have completed and are in final review.

2018 NGAC Nominations Update: Nominations for the next round of NGAC appointments closed on August 27. FGDC received many well-qualified nominations. A review panel will develop recommendations, and final decisions on appointments will be made by the Secretary of the Interior.

#### National Address Database Update

Steve Lewis (DOT) provided an update on the National Address Database (NAD). Key points:

- NAD team has started development of a Theme Strategic Plan
- One of the key activities is raising awareness of the NAD.
- Recently briefed OMB about the NAD.
- Census initiated the Opportunity Project, which will benefit the NAD.
- The National Highway Traffic Safety Administration (NHTSA) and has agreed to fund the NAD ETL Developer for another year. However, funding is not available until 10/1. The Bureau of Transportation Statistics has agreed to fund this gap until the NHTSA money is available.
- The Address Subcommittee has engaged in the following activities:
  - Continued monthly Address Subcommittee meetings
  - Continued Workflow Subgroup meetings
  - Established a NAD Content Subgroup
- NAD Pilot on the Geospatial Platform; the goal is to create a collaboration space for NAD partners.
- The state of Texas is ready to submit data. Discussing the possibility of accepting county and city partners (for states with no statewide address program).

#### United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)

Tony LaVoi (U.S. Census Bureau) reported on current activities of the UN-GGIM. The UN-GGIM plays a leading role in setting the agenda for the development of global geospatial information and to promote its use to address key goals. The current chairs are China and The Netherlands. The 8<sup>th</sup> Session of UN-GGIM was held in New York City on August 1-3, 2018. Twelve representatives of the U.S. Delegation participated. The meeting focused on issues including statistics, marine, arctic data, geodesy, and geodetic reference frames.

Upcoming events:

- United Nations World Data Forum, October 22-24, 2018, Dubai, UAE.
- United Nations Committee of Experts on Global Geospatial Information Management Regional Committee - UN-GGIM Americas, November 7-8, 2018, Mexico City, Mexico.
- United Nations World Geospatial Information Congress, November 19-21, 2018, Deqing, Zhejiang Province, China.

#### National Spatial Data Infrastructure (NSDI) Strategic Plan Update

Ivan DeLoatch (FGDC) reported on the development status of the NSDI Strategic Plan. FGDC received feedback from the NGAC on the NSDI conceptual approach presented in June. Later in July, the FGDC Steering Committee concurred with this approach. The proposed NSDI Strategic Plan Structure is based on the elements of the NSDI Framework developed in 2017 and is aligned with the President's Management Agenda and Federal Data Strategy.

**ACTION:** The FGDC will convene an interagency review panel to evaluate nominations for appointment to the NGAC and make recommendations. Final decisions on appointments will be made by the Secretary of the Interior. The new appointments are expected to be finalized by December 31, 2018.

**ACTION:** The FGDC will seek input from NGAC and the FGDC community on potential study topics for the 2019 FGDC guidance to the NGAC.

### **NSDI Vision**

The NGAC broke into small groups to review and discuss the vision statements of the NSDI from 2009 and 2013. NGAC members were asked to review the previous vision statements and to identify which elements were realized, and which ones are still valid. Topics discussed included the following:

- Consistency among communities.
- Building the data and building geo communities with the knowledge to use.
- Coordinated policy is not as far ahead.
- Will the NSDI help drive policy?
- Getting the answers, get the data, solutions.
- NSDI did not contemplate educating citizens, average users but for professionals or be of use to professionals in geospatial.
- NSDI larger than a government entity.
- How can government and industry support the development?
- Shared governance structure.
- GIS integrated into other data.

NGAC members shared potential elements describing a desired future state of the NSDI, including the following:

- The Geospatial infrastructure serves to foster economic vitality, manage resources, advance health initiatives, protect the homeland, support science, govern the Nation, and otherwise enrich the lives of all Americans.
- Geospatial businesses, academic, nonprofit organizations, and all levels of government operate under a shared governance structure, share a common set of goals and objectives, coordinate and leverage their efforts.
- A network of resources and services exist for the seamless integration of location-based information into broader information assets to serve the needs of government, the business community, and citizens.
- Geo info required by the nation is available, accessible, enforced, and maintain efficiently.
- Geo knowledge is fully integrated and relied upon to make decisions in all sectors.
- Leadership is setting expectations on how to integrate modern technology (machine learning, artificial intelligence) in all sectors.
- Serve as an enabling resource for discovery, access, integration, and application of location information that serves the nation.
- Facilitate use of community-driven open standards.
- Provide government, businesses, and citizens with a way to visualize and explore data to derive information and knowledge.
- Grow a skilled specialized workforce.
- NSDI supports big ideas and national goals.

**ACTION:** FGDC will integrate feedback from the NGAC into the development of the NSDI strategic plan, which will be aligned with the President's Management Agenda and the new Federal Data Strategy. FGDC will seek continued input and feedback from the NGAC and other external partners in the development and implementation of the plan.

## Lightning Session 1

An opportunity for brief announcements was given to NGAC members.

### Harvey Thorleifson – Statewide Seamless Compilation of Detailed Geologic Mapping

Dr. Thorleifson provided an update on Statewide Seamless Compilation of Detailed Geologic Mapping. This approach would supplement paper maps, providing seamless compilations of detail which, while not necessarily capturing all information on the paper maps, may broaden use of geologic mapping, likely resulting in greater support. Initially this approach may involve working toward one layer more detailed than state geologic maps – 1:100,000 for most states, although for small states, detail might be the same as the state geological map.

### Frank Avila - NGA's updated Commercial GEOINT Strategy

Mr. Avila reported that NGA released a commercial GEOINT Strategy update which emphasizes innovation and focuses on community efforts to complement existing imagery sources with access to non-traditional commercial data sets and geospatial analytic services. The goal is to expand data and service access through partnerships to feed analysis and production. More information at <https://www.nga.mil/MediaRoom/PressReleases/Pages/CommercialGEOINTstrategy.aspx>

### Talbot Brooks – Geospatial Technologies and Disaster – A Global Perspective

Mr. Brooks spoke about the UN Platform for Space-Based Disaster and Emergency Response (UN-SPIDER). Mr. Brooks highlighted the following:

- Developing nations are most vulnerable to disasters. Empowering them to use geospatial technologies as a force multiplier to combat disasters is a high impact activity.
- UN-SPIDER sponsors 4-5 technical advisory missions (TAMs) in developing countries to help build internal capacity to use space-based data.
- Outcomes of this activity:
  - Vietnam has a disaster management law that includes several sections dedicated to the use of geospatial.
  - Nepal formed a geospatial organization.
  - India is providing free geospatial training and resources to the developing world.
  - Mozambique has created a national EOC which includes geospatial technologies.
- Lessons learned:
  - Collaboration and coordination are consistently the principal challenges faced when applying geospatial to disaster.
  - Developing nations have the greatest capacity for advancement and, in many cases, are leveraging investments to leapfrog ahead of the developed world.
  - Nothing contextualizes a “first world problem” better than travel in the “third world.” Be thankful.

## Subcommittee Work Sessions

The NGAC subcommittees met in breakout groups to discuss their work plans and activities in addressing the FGDC Guidance.

The first day of the meeting adjourned at 5:30 p.m.

## THURSDAY, September 6, 2018

### **Recap and plan for the day**

The Chair and Vice-Chair welcomed NGAC members to the second day of the meeting. A brief overview of the agenda was provided.

### **Collaborative Partnerships/NSDI Strategic Plan Goal**

The NGAC engaged in a discussion to help identify components of successful partnerships as part of the NSDI Strategic Plan. They were presented with the following questions:

- Why is this important? What are the benefits? Who are the key players?
- How can this be applied to a national approach or strategy?
- How do we engage the non-federal sector?
- What are the means and methods for members of the geospatial community to contribute to the NSDI ecosystem?
- Identify examples of NSDI initiatives in which non-Federal partners can play a leadership role?

### NGAC feedback

- What is the goal of the FGDC, what does FGDC want to achieve with the NSDI?
  - FGDC is a mechanism of coordination and collaboration and brings stakeholders together.
- Collaboration and NSDI
  - Build a model to allow collaboration in all sectors.
- The concept of the NSDI is an aspirational goal.
  - Question is, is that a sufficient model? NGAC will continue to mature the NSDI. Do we need a more formal structure? What does that look like?
- For a strategic goal, a target is needed, so partners can respond to the target. The implementation plan involves targets with actionable goals (federal and non-federal).
- How can the NSDI model collaboration and coordination across all sectors of the geospatial community? Under each objective, partnerships should be a component of implementation.
- Challenge the assumption of having a formal structure for collaboration. Think about common interests.
- There are a number of things that are high priority areas. Is there a small part of these priorities to focus on next year?
- Ad-hoc partnerships are a good idea but also is important to have a core/ formal partnership to ensure continuity.
- Identify goals for collaboration.
- Ask FGDC to strengthen their stewardship program. Formalize land management agencies building partnerships with states.
- If we can provide a sustainable funding mechanism we can obtain data.
- Find nontraditional partners.
- Evaluate the ROI and maintain those partnerships.

### Components of a good partnership

- Common goals are critical. Identify the need (example FGDC/OGC partnership).
- What does it mean to have a national strategy? Development of NSDI should also involve non-federal leadership. Are there opportunities and models we should look at?
- 3DEP is a good example of partnership between federal and state entities.
- NAD is another example; the need came from the state & local governments. The federal community is a conduit to make the NAD happen.

- Hosting of data is a key Federal role.
- Funding is key. National approach revolves around funding.

#### Common Themes from this discussion

- One size does not fit all.
- Organic partnerships are important.
- There must be a business need.
- Pursue strategic partnerships.
- Partnership need clear goals & objectives.

#### **Geospatial Technology & Infrastructure Subcommittee**

Cy Smith reported on the subcommittee's activities. The subcommittee presented the following use cases for the NGAC's consideration and adoption:

- Permit Streamlining
- Road Maintenance
- Underground Renewal
- New York State Cultural Resource Information System (NYCRIS)

The subcommittee is also working on an infographic and a best practices document.

**DECISION:** The NGAC adopted the following use case documents, developed by the Infrastructure Subcommittee:

- Permit Streamlining
- Pavement Management
- Underground Renewal
- New York Cultural Resource Information System

**ACTION:** The Infrastructure Subcommittee will continue development of an Infographic and a Best Practices document.

#### **Cultural & Historical Resources Subcommittee**

Garet Couch reported on the subcommittee's activities. The subcommittee is conducting interviews with Federal contacts to gather information on data management practices. The entities interviewed included FS, BLM, NRCS, BOR, DOD, BIA. Initial findings include the following:

- Ambiguity in applicable federal laws.
- Clear need to develop a definition for cultural and historical geospatial data.
- Lack of consistency in procedures (if they exist) across agencies regarding cultural and historical geodata.
- Some agencies possess highly detailed data cultural and historical geospatial data that is not included in national inventories and likely resides on individual computers.
- Security issues related to derived data.

The subcommittee is developing a recommendations paper addressing definitions for cultural and historical geospatial data and feedback on agency policies/procedures.

**ACTION:** The subcommittee will continue to develop a report regarding the management of geospatial data assets associated with sensitive cultural and historical resources. Next steps for the development of the paper are as follows:

- Finish analyzing interview data
- Develop a draft report
- Present initial draft report at the December 2018 NGAC webinar meeting
- Receive feedback from reviewers and NGAC
- Develop revised draft report to present at March 2018 NGAC meeting

### **Public Comment Period**

An opportunity was given to members of the public to provide comments to the NGAC. There were no comments made.

### **Data as a Service Subcommittee**

David Alexander reported on the subcommittee’s activities. The subcommittee presented a draft paper, “Geospatial Data-as-a-Service: A Vital Investment in American Enterprise and Innovation”, to the NGAC for consideration and approval.

**DECISION:** The NGAC adopted the following paper, developed by the Data as a Service Subcommittee: “Geospatial Data as a Service: A Vital Investment in American Enterprise and Innovation”

**ACTION:** The subcommittee will continue developing a set of use case documents that will complement the DaaS paper. The subcommittee will submit final drafts to NGAC for review/approval in December 2018.

### **Landsat Advisory Group**

An update was provided on the USGS National Land Imaging Program and the Landsat Advisory Group (LAG).

#### Landsat Program Update

Greg Snyder (USGS) reported on the activities of the USGS National Land Imaging Program. He discussed Sustainable Land Imaging; a collaboration between NASA and DOI/USGS that enables the development of a multi-decade, spaceborne system that will provide users worldwide with high-quality, global land-imaging measurements compatible with the existing 45 + year record. He also discussed plans for Landsat 10 and user needs.

#### Landsat Advisory Group

Frank Avila reported on the subcommittee’s activities. An update on task #3 – “Cost sharing models for Landsat Data” – was provided. DOI leadership has requested that USGS consider options for cost sharing of Landsat data to support the Sustainable Land Imaging model.

The USGS (Ft. Collins) economic study will be available to the LAG by January 2019. In the meantime, the subcommittee is working on an initial draft report. A status report will be provided in December 2018, and the final report is expected by April 2019.

**ACTION:** The Landsat Advisory Group will continue developing a paper in response to Task 3 in the 2017/2018 Guidance, addressing possible cost-sharing options for Landsat data. The paper will be completed in early 2019.

**ACTION:** The Landsat Advisory Group will coordinate with the USGS National Land Imaging Program staff in providing input on the next set of study questions for the LAG.

## Lightning Session 2

An opportunity for brief announcements was given to NGAC members and the audience.

### Sarah Battersby and Laxmi Ramasubramanian – TRELIS

Sarah Battersby reported on a recent workshop organized by the Training and Retaining Leaders in STEM-Geospatial Sciences (TRELIS) program. TRELIS is professional development initiative for women in geospatial science. It is an initiative of the University Consortium for Geographic Information Science (UCGIS) funded by the National Science Foundation. TRELIS hosted its first workshop in May 2018, which was well attended. The target audience included mid-career woman in academia (47 participants). The 2.5 day workshop involved emphasis on 5 themes:

- Career trajectories
- Mentoring and coaching
- Communication
- Conflicts, obstacles, solutions
- Work-Life integration

The next workshop will be in June 2019 in Washington DC.

### Julie Sweetkind-Singer – Office of Strategic Services Maps: A Geographer's View of WWII

Ms. Sweetkind-Singer spoke about a geographer's role and WWII map production by the Office of Strategic Services during WWII.

## NGAC Assessment

NGAC members were asked to provide feedback, suggestions, ideas to improve NGAC operations.

### NGAC feedback

- Appreciate information provided in advance, and follow up on products and subcommittee work.
- For an important activity (like the NSDI) distribute the materials well in advance. Is there value in the process from the NGAC considering the aggressive timeline for the NSDI Strategic Plan?
- Chair's blog is really important - it's of significant value. It should be a best practice. Should there be a link or hosted on the FGDC website?
- Not enough time for the NSDI activity – it was very compressed. These topics are critical to the success of the NSDI. Additional time was needed.
- Make priorities on strategic discussions. Identify proposed actions and desired outcomes.
- Need strategies to streamline conversations to use time more efficiently. Perhaps a structure is needed.
- Staying on schedule is important.
- Appreciate interactions of FGDC leadership in terms of how NGAC is impacting their actions. Good idea for 2019. Get feedback from leadership.
- Think about streamlining presentations, maybe more dialog and discussion, rather than listening to presentations. Validate agendas in advance and come ready to engage and discuss.
- Consider ROI of NGAC. What is the impact of the deliverables? Does the NGAC have the ability to recommend topics to the FGDC for meetings?
- What are metrics on accessing NGAC documents on website?
- List of potential topics and decide on the ones we should take on.
- Helpful to have NGAC members at the Steering Committee meetings. ExCom panel discussions at NGAC meetings are very useful and important.
- Can NGAC members participate in Steering Committee meetings via conference call?

### Going well

- Able to share our opinions
- NGAC is currently limited to the GIS community. Consider broadening the community. Have people who are consumers but didn't grow up in this community. For example, representatives from the insurance community, medical community, etc.
- Continue to have speakers from outside the geo community (such as NCIB, medical community others).
  - Another option is to have non-geo communities participate in the subcommittees. Non-NGAC members can participate in subcommittees. For example, the LAG has outside members.
- Best practices should include being accountable and providing ongoing feedback.
- Question: Can we consider a one-week annual meeting, and dedicate one day for each subcommittee? Or, consider adding an additional day to one of the quarterly meetings (perhaps the meeting in Shepherdstown).

### **Review Action Items, Decisions & Next Steps**

The Chair reviewed and summarized the actions and noted next steps. The next NGAC meeting is tentatively scheduled for December 6, 2018. The meeting will be held via webinar. Additional information will be provided prior to the meeting.

### **ADJOURN**

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.

Ms. Julie Sweetkind-Singer, Chair, National Geospatial Advisory Committee

Mr. 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 6, 2018***

## **September 2018 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 <https://www.fgdc.gov/ngac/meetings/september-2018/index.html>

### **Collaborative Partnerships**

- OGC Disasters Interoperability Concept Development Study
- 3D Elevation Program
- NOAA Digital Coast

### **Federal Geospatial Highlights**

- FGDC Update
- National Address Database
- UN – GGIM Update

### **Infrastructure Subcommittee**

- NGAC Infrastructure Use Case - Permit Streamlining
- NGAC Infrastructure Use Case - Underground Renewal
- NGAC Infrastructure Use Case - Pavement Management
- NGAC Infrastructure Use Case - NYCRIS

### **Cultural and Historical Geospatial Resources Subcommittee**

- Cultural & Historical Resources Subcommittee Report

### **Landsat Advisory Group**

- Landsat Program Update
- Landsat Advisory Group Status Report

### **Lightning Sessions**

- NGA Commercial GEOINT Strategy Update – Avila
- Statewide Seamless Compilation of Detailed Geologic Mapping – Thorleifson
- Geospatial Technologies and Disaster- A Global Perspective – Brooks
- TRELIS Update – Battersby-Ramasubramanian