National Geospatial Advisory Committee Meeting
June 26-27, 2018
Minutes

The National Geospatial Advisory Committee (NGAC) held a public meeting from 8:30 a.m. to 5:00 p.m. on June 26 and from 8:30 a.m. to 4:00 p.m. on June 27, 2018. The meeting was held at the Department of Interior, in Washington, DC. In accordance with the requirements of the Federal Advisory Committee Act, the meeting was open to the public.

NGAC Members present:

Frank Avila
Sarah Battersby
Gar Clarke
Garet Couch
Patricia Cummens
Frank Harjo
Xavier Irias
Roberta Lenczowski
Roger Mitchell
Keith Masback
Rebecca Moore
Kevin Pomfret
Douglas Richardson
Julie Sweetkind-Singer
Cy Smith
Rebecca Somers
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:

David Alexander
Talbot Brooks
Stuart Davis
Matthew Gentile
Laxmi Ramasubramanian
Carl Reed
Amber Reynolds
Jennie Stapp

Other attendees
Carolyn Austin-Diggs (GSA), Ryan Bank (National Insurance Crime Bureau), Dierdre Bevington-Attardi (U.S. Census Bureau), Deirdre Bishop (U.S. Census Bureau), John Byrd (NSPS), Monique Eleby (U.S. Census Bureau), Lucia Foulkes (FGDC), Rich Frazier (FGDC), Tricia Gibbons (LEAD Alliance), Herman Haksteen (PRFBA), Tony LaVoi (NOAA), Steve Lewis (DOT), Lynda Liptrap (U.S. Census Bureau), Amy Nelson (DOT), Tim Newman (USGS), James Schweitzer (National Insurance Crime Bureau), Maryanne Sellman (GSA), Ken Shaffer (FGDC), Andrew Spage (NGA), Andrea Travnicek (DOI).

Tuesday, June 26, 2018 NGAC Public Meeting

Welcome, Objectives, and Introductions
Julie Sweetkind-Singer, NGAC Chair, called the public meeting to order at 8:30 AM and welcomed members and attendees. Member and attendee introductions were made. The Chair provided an overview of the meeting agenda.

Review and Adoption of April 2018 Minutes
The draft minutes of the April NGAC meeting were reviewed and the Chair called for approval.

       DECISION: The NGAC adopted the minutes of the April 3-4, 2018 NGAC meeting.

Leadership Dialogue
Dr. Andrea Travnicek, Deputy Assistant Secretary for Water and Science, welcomed NGAC members and attendees. She provided an update on key FGDC activities and Administration priorities. She discussed her background and role at DOI.

Dr. Travnicek reported that Dr. Tim Petty, FGDC Chair, has sent a memo to the President's Management Council asking agencies to re-designate their Senior Agency Officials for Geospatial Information (SAOGIs) who serve as the members of the FGDC Steering Committee. The plan is to re reinvigorate the Steering Committee to provide active cross-agency leadership for geospatial programs. The next Steering Committee meeting will be held on July 26 at DOI. The NGAC will be kept informed on the activities of the Steering Committee.

Dr. Travnicek spoke about the President's Management Agenda (PMA), which was released by OMB in March 2018. The PMA lays out a set of goals and actions to improve Federal management operations and provide better service to the public.

Dr. Travnicek thanked NGAC members for the progress made in addressing the study topics, and highlighted that the NGAC has been a great benefit to DOI and the FGDC. In concluding her remarks, she thanked the NGAC members for their service and contributions.

Federal Geospatial Highlights
Ivan DeLoatch (FGDC) provided an update on current FGDC activities, including the following:

National Geospatial Data Assets (NGDA): The 2017 Lifecycle Maturity Assessment Survey is now available on Geospatial Platform's public dashboard. The NGDA Theme Implementation Plans are close to completion. The Theme Summary Reports were sent to the FGDC Coordination Group for their final

review. Theme Leads, Dataset Managers, FGDC Executive Committee, and CG will be discussing NGDA goals and actions for the next NSDI Strategic Plan.

President's Management Council FGDC Memorandum: Dr. Tim Petty, FGDC Chair, has sent a memorandum through the President's Management Council to ask agencies to designate their Senior Agency Officials for Geospatial Information (SAOGIs) to serve on the Steering Committee. The due date for nominations was June 22. The next Steering Committee meeting is scheduled for July 26.

Coalition of Geospatial Organizations (COGO) Report Card: The first report on the NSDI was released in 2015. The second report card is underway. FGDC staff and NGDA Theme leads have met with the COGO team to help inform the report card evaluation. COGO is finalizing theme reviews. The completion of the report card is expected in Fall 2018.

Open Geospatial Consortium (OGC) Concept Development Study – Disasters: The first OGC Disasters workshop in California was very successful. As part of this process, FGDC is sharing information about the capabilities of the Geospatial Platform. The next workshop will be held on July 24-25 at the NOAA Auditorium. The next step is to draft a series of reports that will facilitate the development of new use cases.

2018 NGAC Nominations Update: FGDC will issue a call for nomination for the next round of appointments in July 2018. Approximately one-half of the current NGAC appointments will expire in December 2018. Nominations will be due 45 days from the date of the announcement. Nominations may come from individuals, employers, associations, professional organizations, and others. Nominations should include a resume describing the nominee's qualifications. Nominees are strongly encouraged to include supporting letters from employers, associations, professional organizations and/or other organizations.

2018 NGAC Meeting Schedule: The next NGAC meeting will be in September 5-6, in Shepherdstown, WV. There will be a webinar meeting in December.

National Address Database Update
Steve Lewis reported on the activities of the National Address Database. Key notes:
- Currently there are 45 million records.
- Quality control procedures developed.
- Some states are committed partners.
- NAD Version 1 is now available (since March 2018).
- Secure funding is an issue. Funding is not available until October 1. Searching for small amount of funds to reach the gap between now and 10/1. DOT is hopeful to get funds to carry through until October.
- Next year will continue to recruit and add new states.
- GeoPlatform team is developing collaboration site.

Following the NAD update, the NGAC discussed the importance of the NAD to the nation, and discussed possible approaches to address the lapse in funding until October 2018. The amount needed is relatively small. Cy Smith reported that the Coalition of Geospatial Organizations (COGO) will release a letter stating the importance of NAD. May Yuan reported that Texas may be willing to share their data but needs additional information about the NAD.

<u>Address Subcommittee activities</u>
Lynda Liptrap (U.S. Census Bureau) reported on FGDC Address Subcommittee activities. She discussed the Opportunity Project, and noted that the goal is to support address data collection in areas where the data doesn't exist. In addition, the subcommittee is working on leveraging existing data such as Tiger for data address range shape files. The Census Bureau recently participated in a roundtable session to discuss the Presidents Management Agenda (PMA). The NAD was identified as an example of how private and public partnerships can effectively leverage data.

<u>United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)</u>
Deirdre Bishop (Census Bureau) reported on current activities of the UN-GGIM. The UN-GGIM plays a leading role in setting the agenda for development of global geospatial information and to promote its use to address key goals. The current chairs are China and The Netherlands. The United States plays a key role in many of these activities. Ms. Bishop is now serving as the Head of the National Delegation for the United States. Several workgroups and subcommittees are part of the delegation.

Upcoming events
- Eighth Session of the United Nations Committee of Experts on Geospatial Information Management, August 2018, New York City.
- United Nations Data Forum in October 22-24, Dubai.
- 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.

ACTION: FGDC will issue a call for nominations in July 2018 for the next round of appointments to the NGAC. Nominations will be due 45 days from the date of the announcement. Approximately one-half of current NGAC appointments will expire in December 2018. Final decisions on appointments will be made by the Secretary of the Interior.

GeoPlatform Session
The FGDC hosted a series of webinars in May and June to demonstrate capabilities of the GeoPlatform and capture feedback from NGAC members. Rebecca Somers reported on the comments and feedback received during the webinars. She noted that significant progress has been made on the Geospatial Platform. The feedback was organized under the following categories:
a) Organization of GeoPlatform website
b) Value and functionality
c) Currency and maintenance
d) Indicators of data quality/authoritativeness/reliability and limitations
e) Volunteered input

Following this report, the NGAC engaged in a discussion of the strategic direction for the GeoPlatform. The following questions were presented for discussion:
- *Organization of GeoPlatform Website*: How do we make things easier to use?
- *Value and functionality*: How to measure and communicate value. Why should I use the Platform instead of others?
- *Currency and Maintenance*: How does the government could improve process, liability, data quality: How does GeoPlatform deal with volunteer input?

- *Indicators of data quality/authoritativeness/reliability and limitations*
- *Volunteered input*

The following are key points from the NGAC's discussion:

Concerns
- Variability, consistency, and currency.
- Organization and search.
- Governance and accountability.
- More than just the technology.

Organization
- Difficult to find the data to solve specific problems.
- Organized by thematic categories but used to solve a problem. Search by the type of problem – e.g. wildfires, monitor demonstrations, etc.
- Search & discovery – more than tech partnerships (e.g., disaster response has multiple stakeholders focused on the community at large as well as their mission priorities).
- How to cultivate data located in other databases?
- Think about ontologies for geospatial problems and link to relevant datasets, which may help users find data faster.
- How to build communities to develop ontologies.
- Focus groups—how do users search?
- How to curate for use.
- Link to data, not websites.
- Design a learning algorithm. Partnerships with universities may provide a good opportunity.
- Object Editor and Knowledge Graph are also good tools.

Value and Functionality
- Performance metrics are needed to identify the Return on Investment (ROI). From a data provider perspective, it is really important to know metrics.
- What could be the components of a ROI? Components could include: usability, cloud environment, performance use metrics, use cases, outreach to smaller agencies, value to Federal agencies, marketing
- Value relies on source.
- From a Federal perspective, the market for GeoPlatform is primarily the Federal agencies.
- Data Providers – need to understand the value that we're getting before providing the data. Would like to understand how the data is being used.
- Data Consumers – value may be the cloud (DOI, FEMA, DoC, NOAA, etc.)
- Market to 2nd and 3rd level mapping agencies (DoEd, HHS, HUD). We need outreach to the smaller agencies.
- GeoPlatform should aspire to give data providers added value.
- GeoPlatform will be leveraged to support the OGC disaster development concept study.
- Although the focus should be on data, the challenges are not just on technology but also on governance. It's a Federal policy issue.

- Need – 1. Good data; 2. Good metadata; 3. good data-as-a-service (foundational building blocks).
- Has anyone engaged with FCC regarding broadband and resources?
- Currency is a concern – when is data updated? Is there a schedule? What about longitudinal data? Can it show history, availability, tracking, and access?
- Mission – is ambitious; broad in scope. Consider focus on Critical User Journeys ("CUJs" – as used by Google). Help to solve a problem that can't be solved any other way. (Response: Yes, starting but we have multiple stakeholders).
- Fundamental challenge – "federated issue"
  o Partnership among the agencies
  o Align incentives so everyone can work toward the same thing
  o CUJ – Critical User Journey
- Market the value of the Platform to the Federal agencies both as providers and/or consumers – empowered by the GeoPlatform. "What's in it for me?" + "What and how do I contribute?"
- Performance Use Metrics – new tool; services using this; products; metrics.
- Barriers to get the data include: motivation, resource constraints, policy questions, not a tech issue; Federal-wide policy challenges.
- Value to integrate our data with others but we need motivation and funding.
- What can we (NGAC) do? NAD – needs to be a program with sustainable funds.
- How to monitor use, who's using it for what? Need feedback to the Tier 1. agencies to understand the value.
- NOAA's dream…Data is more valuable when you upload…to mash up…integrate…access value-added information.
- Every data provider gets value-added services.
- Enhanced data example – Marine Coastal Project (Ocean & Coastal Community). Is this a potential Use Case?
- Huge potential to integrate and mine data in one location.
- Workflow for end user and quantifying value should come together.
- Look into principles around AI (Google).
- Are there some things that can be done automatically so that the GeoPlatform produces the product?
- Answer questions through analytics.

Governance
- Is there a governance structure for the GeoPlatform made up of providers and consumers?
- Current governance structure may not be the right fit for GeoPlatform. Think about collaborative governance. GeoPlatform should have its own collaborative governance.
- A collaborative governance structure may help solve the identified problems.
- Data governance is important to the administration – not just for geospatial data.
- What are the workflows for specific end users?

Key Take-aways
- Compliments from NGAC on the GeoPlatform's progress. Thanks to Tod, Rich, others for openness, answering questions, and acceptance of feedback.
- Will the report or document provide input and recommendations?

- Provide a seat at the table for key constituent groups. Consider looking at the 2005 Report on Governance.
- Connect/align to President's Management Agenda (3 key elements of PMA).
- Determine how to develop ontology for geospatial problems; consider "Critical User Journey" (CUJ) approach.
- Demonstrate value through ROI.

ACTION: The NGAC provided a summary of comments on the current and planned capabilities of the GeoPlatform at the June NGAC meeting. The comments were developed as a result of webinar demonstrations provided to NGAC members by FGDC staff in May/June 2018.

Spotlight Session: Innovative Practices
The session included the following panelists: Herman Haksteen (Private Railcar Food and Beverage Association), Andy Spage (National Geospatial-Intelligence Agency), Carolyn Austin-Diggs and Maryanne Sellman (General Services Administration). Keith Masback, NGAC Vice-Chair, served as moderator.

> **Herman J. Haksteen** serves as the CEO of MHW Group; and as the Board President of Private Rail Food and Beverage Shipper Association (PRFBA). He spoke about Rail in the Information Age and discussed North American Railroad Network. This Rail Network is the single most important and valuable transportation infrastructure asset in the United States. The railroad is experiencing challenges and one of method to solve these issues is technology – the industry relies in part on old technologies such as barcode readers. Key information required would include location, access, speed and movement of trains, network visibility of not just engines but all the cars in the train, and weather overlays.
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> Mr. Haksteen spoke about Cryo-Trans, a subsidiary of the MHW Group. Cryo-Trans is the largest builder and lessor of refrigerated and insulated rail cars in the world. MHW not only provides assets, they also manage rail supply chains for some of the largest food and beverage manufacturers in North America. The company developed its own tracking system which is based on GPS technology with real-time connectivity. The system track rail car location security of the car temperature interior and exterior and impacts.
>
> **Andy Spage** is the lead for Public-Private Partnerships in the Office of Ventures and Innovation at NGA. He spoke about GEOWorks; an initiative which is NGA's data collaboration platform to access unique geospatial data. He discussed GEOWorks' strategy to enhance NGA's contributions to warfighters, first responders, and policy makers. In the near future, GEOWorks will focus on academic user growth, develop and provide data, test methods to identify and integrate data, and expand platform functionality and services.
>
> **Carolyn Austin-Diggs** serves as the Principal Deputy to the Deputy Associate Administrator in the Office of Governmentwide Policy at GSA. She introduced Maryanne Sellman, who discussed CIBORG, a partnership between GSA and NGA. This acquisition strategy will create a vendor pool under IT schedule 70 with suppliers of Earth observations solutions, and establishing a multi-agency, multiple-award blanket purchase agreement (BPA).

Subcommittee Work Session
The NGAC subcommittees split up and met in breakout groups to discuss their work plans and activities in addressing the FGDC guidance.

Lightning Session 1
An opportunity for brief announcements was given to NGAC members and the audience.

Harvey Thorleifson: Potential Methods for Comprehensive Assessment of the Status of Geologic Mapping in the U.S.

Mr. Thorleifson discussed the potential for status maps as powerful tools to stimulate funding, drive improvements, and promote consensus. He noted that National Geologic Map Database status maps are well done and appreciated, but some maps are out of date and need to be redone. He discussed a proposal to develop a more nationally consistent set of status maps.

Julie Sweetkind-Singer: Center for Research Libraries Global Resources

Ms. Sweetkind-Singer spoke about GIS and spatial data are impacting libraries. Examples include:

- Reproducibility of data.
- Archiving of newspapers and magazines – which now include not only content on paper, but also online content (comments, etc.).
- Stewardship approaches to ensure access 50 to 100 years from now, when digital content may not be accessible in the same formats.
- How libraries' roles will be affected by longer-term stewardship requirements.

Keith Masback: Trajectory XYZT Conference

Mr. Masback spoke about the Trajectory XYZT Conference, tentatively scheduled for September 19-20 in Santa Monica, CA. Additional information about the conference is available at: https://usgif.org/events/trajectoryXyzt

Wrap-up
The Chair summarized key outcomes of the day and adjourned the first day of the meeting.

Wednesday, June 27, 2018 NGAC Public Meeting

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

Cultural & Historical Resources Subcommittee
Garet Couch provided an update on the subcommittee's activities. The team is working on a paper that will describe best practices for managing geospatial data associated with sensitive cultural and historical resources. The team is in the process of conducting interviews with Federal contacts to understand procedures and policies currently in place. Observations noted from initial interviews included the following:
- The need for a definition for cultural and historical geospatial data.
- The training needed for staff reviewing FOIA requests regarding the federal laws that can be used to protect cultural and historical geospatial data.
- The need for a documented policy regarding cultural and historical geospatial data.
- There appear to be small pockets of highly detailed data within smaller offices that is "off the record" and not included in data inventories.
- Interest in examples of data sharing agreement contract language.

Next steps
- Compile interview results.
- Conduct additional research as needed.
- Draft report.

ACTION: The subcommittee will complete a series of interviews that will inform a report making recommendations on policies and procedures to protect geospatial data assets that have cultural and historical significance. The timeframe for development of the paper is as follows:
  - July 2018: Complete remaining interviews.
  - July – Aug 2018: Develop interview results summary and report outline.
  - Aug – Sept 2018: Conduct additional research regarding policy options.
  - Sept 2018: Meet with FGDC Cultural Resources Committee to discuss definitions.
  - Sept – Nov 2018: Develop first draft report.
  - Dec 2018: Present first draft report to NGAC.
  - 2019: Present final report to NGAC for approval.

ACTION: FGDC/DOI staff will provide information to the Cultural & Historical Resources Subcommittee about Controlled Unclassified Information (CUI) categories as they may relate to cultural and historical data.

National Insurance Crime Bureau (NICB)
Ryan Bank and James Schweitzer from the National Insurance Crime Bureau provided an overview of NICB Geospatial Intelligence Center. Mr. Schweitzer, who serves as the Senior Vice President & Chief Operating Officer, is responsible for managing and directing the NICB's investigative workforce of 190 investigators throughout the U.S. He discussed Geospatial Intelligence information sharing to help resolve cases. Ryan Bank serves as a Consulting Partner with National Insurance Crime Bureau. Ryan's expertise in emerging technologies and innovation enables governments and corporate clients to gather

social and open source intelligence. He spoke about the role and operations of the Geospatial Intelligence Center, and noted that location-based decision data are critical to supporting NICB's mission. Mr. Banks discussed the following key program areas:

- Disaster response
- NAIP
- Digital delivery platforms
- Advanced analytics
- Partner networks

NSDI Strategic Plan Session
Ivan DeLoatch and John Mahoney provided an update on the development of the NSDI Strategic Plan and discussed the NSDI's scope and approach. FGDC developed the NSDI Strategic Framework as a transitional document in 2017. The new NSDI Strategic Plan will build on the framework elements. FGDC established an NSDI Strategic Plan Core Team to lead the activities to refine and develop the NSDI Strategic Plan.

FGDC also plans to align the NSDI Strategic Plan with the President's Management Agenda (PMA). The PMA, which was released in March 2018, focuses on mission, service, and stewardship. The PMA includes 3 key drivers: IT Modernization; Data, Accountability and Transparency; and People.

Key points:
- The NSDI should involve a national approach, which requires engaging stakeholders and defining roles and responsibilities to support goals and objectives.
- What can we collectively achieve as a community over the next 2-3 years?
- Feedback from the NGAC will be helpful.

Discussion topics for NGAC
The NSDI Strategic Plan Core Team identified key questions for discussion with the NGAC:

- *The current NSDI Framework approach has a significant focus on Federal activities- should the NSDI strategy have a more "national" focus?*
- *How would a national approach be developed in a timely manner?*
- *How can we expedite accomplishments?*
- *Can we develop a "hybrid" approach that identifies both key Federal responsibilities and partnership/collaboration opportunities?*
- *How can we engage partners on collaboration opportunities to ensure shared responsibilities & accountability?*

NGAC comments
- NSDI should have a national focus. How can the NGAC assist?
- Collaborative governance structure could be a model for a broader approach to the NSDI.
- Utilize models that are already in place (e.g. NHD, 3DEP, Framework datasets, etc.). The stewardship model can be utilized as an approach for a governance structure.
    - Start with federal agencies responsible for framework layers, then reach out state and local governments.

- Considering the most recent NSDI Plan has primarily a Federal focus, have the goals targeted to the Federal community been accomplished? Before expanding the scope of the NSDI, look at what has been achieved. Expanding the plan might not be the correct approach.
  - The challenge is to achieve a national scope for the NSDI. Do we want to relook at the vision, do we want to potentially rescope the NSDI to have it aligned with current geo technology trends?
- Is the NSDI concept still valid?
- Consider issues related to collection and privacy of geo data.
- The NSDI Plan needs to communicate goals and objectives in a way that decision makers can understand.
- National view. Think about what is uniquely Federal within the geospatial ecosystem. What are the roles and responsibilities of the various sectors?
- The federal government has responsibility for the NGDAs, which we acknowledge are important. Where do they fit into this ecosystem? Where do they fit into the NSDI?
- Establish goals that are feasible to accomplish within 3 years.

ACTION: FGDC provided an overview of the proposed approach for development of the new 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 in the development of the plan.

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
Sarah Battersby reported on the subcommittee's activities. The subcommittee developed a draft paper describing current and future needs for Data as Services. An overview of the content was provided. The draft paper was presented to the NGAC for review and comment. The NGAC will provide feedback on current direction.

Discussion:
- Challenges?
- Success stories?
- Thoughts on content?

NGAC feedback
- Use cases are a helpful addition.
- Many agencies are in the early stages of utilizing DaaS. They need to consider issues such as data licensing. Organizations will need to resolve these issues to take full advantage of the capabilities.
- Cloud is conducive to reproducibility.
- Think about versioning.
- Consider the rules and guidelines established for Europe's Inspire.

ACTION: The subcommittee is developing a paper, including use cases, describing current and future needs for data as services. The timeframe for development of the paper is as follows:
- ○ June 2018: Provide draft paper to NGAC for review/comment
- ○ July-August: Revise & develop final draft
- ○ September 2018: Provide final draft to NGAC for review/approval

Landsat Advisory Group
Tim Newman (USGS) provided an update on the National Land Imaging Program at USGS. The goal is to ensure public availability of primary data record about the current state and historical condition of the Earth's land surface. He also provided an update on current Landsat missions, as well as an update on plans for future missions.

Bobbi Lenczowski provided an update on the activities of the LAG. Kevin Pomfret discussed the progress on LAG Task 3 (Landsat cost sharing). The LAG has held discussion sessions to address Task 3. The team continues to refine the approach for the paper. The report will include 3 focus areas:
- Charging for Landsat data.
- Charging for value-added data
- Private-public partnership structures.

Following discussion, the NGAC agreed on the following:

ACTION: The Landsat Advisory Group will continue developing a paper in response to Task 3 in the 2017 Guidance, addressing possible fee recovery options for Landsat data. The timeframe for development of the paper is as follows:
- ○ Sept 2018: Provide initial draft report to NGAC for review/comment
- ○ Dec 2018: Provide revised draft report, incorporating information from USGS Ft. Collins study, to NGAC for review/comment
- ○ March 2019: Present final report to NGAC for adoption

ACTION: USGS National Land Imaging Program staff and LAG members will share ideas for the next set of study questions for the LAG.

Infrastructure Subcommittee
Cy Smith reported on the subcommittee's activities. In addition to the paper developed in December 2017, the subcommittee developed a draft set of use cases that were presented to the NGAC for review and comment. The use cases were as follows:
- Permit Streamlining
- Road Maintenance
- Underground Renewal
- New York State Cultural Resource Information System (NYCRIS)

The NGAC was asked to provide feedback and suggestions on the use cases.

NGAC feedback
- Like the organization and structure.
- Like geospatial perspective and focus.
- Use cases would benefit from more statistics.
- Consider including a Federal use case.

- Consider including a NEPA use case.
- Consider including a Broadband use case
- Consider a use case on Tribal land.
- Use cases should identify recurring challenges with geospatial data and technology.

The subcommittee is exploring options to make the NGAC infrastructure products more available. The subcommittee will also develop an infographic to help visualize issues. They will also develop a best practices paper that is currently in progress.

ACTION: The Infrastructure Subcommittee will continue development of a set of use cases demonstrating the value of geospatial tools and technology in supporting infrastructure initiatives. The use cases will be presented to the NGAC for review and approval at the September 2018 NGAC meeting. The use cases under development are as follows:
  o Permit Streamlining
  o Road Maintenance
  o Underground Renewal
  o New York Cultural Resource Information System
  o Oil & Gas Pipelines

ACTION: The Infrastructure Subcommittee will continue development of an Infographic (in process), and a Best Practices document (outline underway).

Meeting Wrap-up & Next Steps
The Chair provided a summary of the results and actions from the meeting. The subcommittee chairs provided brief summaries of their current status and next steps. Dr. Andrea Travnicek attended the conclusion of the meeting and participated in a dialogue with the group. Dr. Travnicek thanked members for their contributions and their time, and noted that the NGAC's activities are very valuable to DOI and the FGDC.

The next NGAC meeting is scheduled for September 5-6 in Shepherdstown, WV.

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 September 5, 2018

June 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/june-2018/index_html

Federal Geospatial Highlights
- FGDC Update
- National Address Database
- UN – GGIM Update

Geospatial Platform
- NGAC Geospatial Platform Feedback Summary

Spotlight Session – Innovative Practices
- Rail in the Information Age
- NGA GEOWorks Overview
- National Insurance Crime Bureau
- GSA Earth Observation Solutions Summary

Cultural and Historical Geospatial Resources Subcommittee
- Cultural & Historical Resources Subcommittee Report

NSDI Strategic Plan
- NSDI Strategic Plan Update

Data as Service Subcommittee
- Data as Services Subcommittee Report

Infrastructure Subcommittee
- Use Cases

Landsat Advisory Group
- Landsat Program Update
- Landsat Advisory Group Status Report

National Address Database
- National Address Database Update

Lightning Sessions
- Assessment of Geologic Mapping in the US – Thorleifson