National Geospatial Advisory Committee Meeting
December 11, 2017

Meeting Minutes

The National Geospatial Advisory Committee (NGAC) held a public meeting on December 11, 2017 from 1:00 p.m. to 4:30 p.m. The meeting was held via webinar and teleconference. In accordance with the requirements of the Federal Advisory Committee Act, the meeting was open to the public.

NGAC Members present:
Julie Sweetkind-Singer, NGAC Chair
Keith Masback, NGAC Vice Chair
David Alexander
Sarah Battersby
Gar Clarke
Garet Couch
Pat Cummens
Frank Harjo
Xavier Irias
Roberta Lenczowski
Roger Mitchell
Rebecca Moore
Laxmi Ramasubramanian
Carl Reed
Amber Reynolds
Doug Richardson
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:
Frank Avila
Talbot Brooks
Stuart Davis
Matthew Gentile
Kevin Pomfret

Other Attendees:
Anne Ball (NOAA), John Byrd (MAPPS), Peter Doucette (USGS), Monique Eleby (US Census Bureau), Lucia Foulkes (FGDC), Tricia Gibbons (LEAD Alliance), Jon Gustafson (WSP), Tony LaVoi (NOAA), Libby O'Hare

(Saint Louis University), Ken Shaffer (FGDC), Vaishal Sheth (FGDC), Mary Beth Stoddard (Harris Corporation).

Welcome & Meeting Overview
Julie Sweetkind-Singer (NGAC Chair), called the public meeting to order at 1:00 p.m. EST and welcomed members and attendees. Member and attendee introductions were made.

Review and adoption of minutes from September 2017 NGAC meeting
The draft minutes of the September 2017 NGAC meeting were reviewed and the Chair called for approval.

> **DECISION:** The NGAC adopted the minutes of the September 6-7, 2017 NGAC meeting.

Leadership Remarks
Ivan DeLoatch (FGDC) provided an update on DOI activities, including the following:

- The Geospatial Data Act was recently reintroduced in the House of Representatives and in the Senate.
- Tim Petty's nomination hearing was this week. He has been nominated to be the DOI Assistant Secretary for Water and Science.
- Andrea Travnicek, Ph.D., Deputy Assistant Secretary for Water & Science, is currently serving as acting FGDC Chair.

FGDC Federal Programs Update
Ivan DeLoatch provided an update on FGDC activities. Highlights included the following:

Geospatial Platform Workshop: The FGDC Executive Committee held a planning session on December 8 to discuss the next generation of the Geospatial Platform. Key points:

- The session included a SPOT (strength, problems, opportunities and threats) analysis.
- Members expressed support for the GeoPlatform and discussed approaches to expand its use and utility.
- A follow up meeting with the ExCom is scheduled for the week of January 26-30, 2018. FGDC plans to hold a similar session with the Coordination Group on January 23.

NSDI Strategic Framework: FGDC continues to work to develop the next version of the NSDI Strategic Plan.

Coalition of Geospatial Organizations (COGO) NSDI Report Card: The FGDC continues to work with COGO to provide information to support the development of the 2018 COGO Report Card on the NSDI. COGO anticipates the release of the Report Card in Spring 2018.

2017 Doug Nebert NSDI Champion of the Year Award: The 2017 awardee is the MarineCadastre.gov team. MarineCadastre.gov is a dynamic system containing authoritative geospatial data that are fundamental to business decisions about offshore energy and ocean planning. MarineCadastre.gov is a partnership between the Bureau of Ocean Energy Management (BOEM) and the National Oceanic and Atmospheric Administration (NOAA).

2018 NGAC Nominations: 14 of the current NGAC appointments will expire in December 2018. A call for nominations for the next round of appointments will be issued in spring 2018. An interagency review panel will evaluate nominations. Final decisions will be made by the Secretary of the Interior. New appointments will take effect in January 2019.

2018 NGAC meeting schedule:

- April 3-4 at DOI
- June 26-27 at DOI
- September 5-6 at the National Conservation Training Center

ACTION: FGDC will issue a call for nominations in Spring 2018 for the next round of appointments to the NGAC. The appointments of approximately one-half of the NGAC members will expire in December 2018.

Geospatial Technology & Infrastructure Subcommittee

Cy Smith provided an update on the subcommittee's activities. The subcommittee presented an infrastructure paper to the NGAC for review and approval. The paper is a brief two-page overview highlighting the critical role of geospatial data and technology in supporting infrastructure initiatives. The paper includes a graphic showing the multiple layers of interrelated infrastructures, above ground, on the surface, and underground. Following discussion of the paper, the NGAC agreed on the following action:

DECISION: The NGAC adopted the Geospatial Technology & Infrastructure Subcommittee paper pending minor editorial changes.

Landsat Advisory Group

Peter Doucette (USGS) provided an update on the Landsat Program at USGS. He discussed the 2018 President's budget and provided updates on budget markups. USGS is working with NASA to coordinate the 2020 launch of Landsat 9. USGS Earth Resources Observation and Science (EROS) has released Landsat Analysis Ready Data (ARD) products to make Landsat archive more accessible for a new generation of Landsat applications.

Roberta Lenczowski provided an update on the Landsat Advisory Group (LAG) activities, and the NGAC agreed on the following actions:

- **Task #1 – Architectures for Future Missions**: A paper will be completed by the April 2018 meeting.

  ACTION: Team will provide draft paper to NGAC prior to the April 2018 NGAC meeting.

- **Task #2 – Temporal Data Cube Study**: A draft paper was distributed to the NGAC for review and comment. The NGAC will provide comments by January 19th. The draft can be shared within NGAC members' organizations for feedback.

  ACTION: NGAC comments on the draft interim report on temporal data cubes are due by January 19, 2018. Comments should be submitted to Roberta Lenczowski and John Mahoney.

- **Task 3 – Fee Recovery for Landsat Data**: The LAG is initiating work on a new report on fee recovery options for Landsat data. A status report will be provided at the April 2018 NGAC meeting.

  ACTION: Team will provide draft paper to NGAC prior to the April 2018 NGAC meeting.

Cultural & Historical Geospatial Resources Subcommittee
Garet Couch and Frank Harjo provided an update on the subcommittee's activities. The subcommittee is planning to conduct a series of interviews with Federal program officials to gather information on the management of geospatial data related to sensitive cultural and historic artifacts. The subcommittee will develop a report describing their findings, recommendations, and best practices. The subcommittee is currently working to develop the questions and format for the interviews. FGDC will send an introductory message to interview subjects prior to the interviews.

ACTION: Subcommittee will develop best practices document to be completed in 2018.

Data as a Service Subcommittee
David Alexander and Sarah Battersby reported on the subcommittee's activities. The subcommittee is developing a paper addressing the FGDC's guidance to the NGAC on DaaS. A status report on the paper will be provided at the April 2018 NGAC meeting. The subcommittee is also proposing to host a DaaS panel discussion at the April NGAC meeting, including public and private sector participants. The NGAC was asked to provide suggestions for panelists by January 11, 2018.

ACTION: Subcommittee will develop draft position paper by April 2018.

ACTION: Subcommittee will provide draft final position paper to NGAC by September 2018.

Public Comment Period
An opportunity for public comment was provided to meeting attendees.

John Byrd (MAPPS). Mr. Byrd submitted written comments from MAPPS and NSPS regarding the Geospatial Data Act.

Ideas for Future Study Topics
NGAC members discussed potential future study topics. Comments and suggestions included the following:

- Consider including national cadaster as a study topic
- Artificial intelligence and geospatial applications
- Subsurface mapping related to underground structures
- FGDC will provide topics related to GeoPlatform and the NSDI
- Data discovery and access for GeoPlatform and data.gov (may also include consideration of the NSGIC GIS Inventory)
- Indoor location systems

Announcements & Wrap-up
As part of the wrap, NGAC members were giving the opportunity to provide brief announcements.

Doug Richardson: American Association of Geographers (AAG) Annual Meeting - AAG will hold its annual meeting in New Orleans, April 10-14, 2018.

Cy Smith: Coalition of Geospatial Organizations (COGO) NSDI Report Card. COGO is making progress on their second report card and anticipates publication in Spring 2018.

Pat Cummens: Esri Federal GIS Conference is on March 20-21, 2018.

Following these announcements, the NGAC Chair reviewed and summarized actions and next steps, and announced that the next NGAC meeting will be on April 3-4, 2018 in Washington, DC.

The Chair adjourned the meeting 4:30 pm.

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 April 3, 2018

December 2017 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/dec-2017/index_html

FGDC Update

- FGDC Status Report

Geospatial Technology & Infrastructure Subcommittee

- Geospatial Technology & Infrastructure Subcommittee Report
- NGAC Paper – Geospatial Information: The Key to Smart Infrastructure Investments

Landsat Advisory Group

- Landsat Program Update
- Landsat Advisory Group Status Report

Cultural & Historical Resources Subcommittee

- Cultural & Historical Resources Subcommittee Report

Data as a Service Subcommittee

- Data as a Service Subcommittee Report