

FGDC Update



Josh Delmonico, FGDC Acting Executive Director

National Geospatial Advisory Committee Meeting

December 6, 2022

Current Activities

- Climate Executive Order – FGDC Climate Mapping Report
- Geospatial Data Act implementation*
- Revision to OMB Circular A-16*
- Update on Steering Committee and Executive Committee
- NGAC appointments & membership update
- 2023 NGAC Schedule
- NSDI Strategic Plan / Exploring Integrated Geospatial Information Framework (IGIF) model

GDA Implementation Activities

- Refinement/updating of GDA reporting templates and processes for 2022 reporting cycle
- Developing 2023 GDA Report to Congress
- 2022 GDA audits completed & posted on FGDC website
- FGDC discussions on standards process
- Continuing alignment with CDO Council, Evidence Act, etc.
- Coordination with COGO on next NSDI Report Card process

FGDC Executive Committee

- First established in 2008, inactive from 2018 – 2022
- Subset of the FGDC Steering Committee, consisting of representatives of agencies with major programmatic geospatial responsibilities

Purpose:

To provide strategic leadership, recommendations, and Federal interagency coordination to the FGDC in the development, implementation, and review of laws, policies, practices, and standards relating to the National Spatial Data Infrastructure and implementation of the Geospatial Data Act.

FGDC Executive Committee

Co-Chaired by Shawn Stith (NGA) and Josh Delmonico (FGDC OS)

Current members:

- Department of Agriculture
- Department of Commerce
- Department of Defense
- Department of Energy
- Department of Homeland Security
- Department of the Interior
- Department of Transportation
- Environmental Protection Agency
- National Aeronautics and Space Administration
- Office of Management and Budget

The following members are advisory in nature and non-voting:

- Head of the U.S. Delegation, United Nations Committee of Experts on Global Geospatial Information Management
- FGDC Ex-Officio member of the Federal Chief Data Officers Council (CDOC)

Executive Committee Recommended FGDC Priorities

Developed the following recommended top priorities (as ranked by ExCom members):

1. Geospatial Data Standards; and
FGDC Governance Structure (TIED)
3. Geospatial Platform
4. NSDI Strategic Plan / Country Action Plan
5. Administration Priorities on Climate and Data Equity

Next step - develop an FGDC annual workplan based on these priorities including leadership, goals, actions, and metrics

FGDC Steering Committee

November 10 Steering Committee Meeting

- Meeting Actions:
 - Submit comments on Draft Circular A-16 comments by Nov. 10
 - Reached concurrence on recommended FGDC priorities
 - Pending action on draft FGDC Annual Work Plan
 - Provide input on 2023 Report to Congress: key messages and framework by November 30th
 - GDA Annual Reports (Covered Agency and Lead Covered Agency) are due by January 13, 2023

NGDA Portfolio Updates

FGDC Steering Committee vote was sent out on September 9, 2022

Steering Committee approved the NGDA portfolio changes on September 30, 2022

Eight NGDA dataset changes were approved in the following themes:

- Address
- Biodiversity and Ecosystems
- Cadastre
- Cultural Resources
- Elevation

The current NGDA Portfolio has **175 Datasets**
managed across
18 Themes, 12 Agencies, and 21 sub-agencies

NGAC Appointments Status

- **Current Members (terms expire March 2025)**
- **Current Members (terms expire April 13, 2023)**

Non-Governmental	Governmental
<u>Private Sector</u> Jack Dangermond Roberta Lenczowski (Vice-Chair) * Mark Meade Siva Ravada Tim Trainor	<u>State</u> Gary Thompson (Chair) Chad Baker Cy Smith * William Haneberg
<u>Academia</u> Clio Andris Kathleen Stewart Vasit Sagan	<u>Tribal</u> Byron Bluehorse Garet Couch *
	<u>Regional</u> Lynn Dupont
<u>Non-Profit</u> Nadine Alameh Maggie Cawley	<u>Federal</u> Frank Avila Tony LaVoi

* **Completing second consecutive term on NGAC in April 2023. Per NGAC Charter, cannot be appointed to third consecutive term.**

NGAC Appointments – Next Steps

- Per GDA, DOI will make annual appointments to NGAC
- Most recent appointments – March 2022
- Next set of appointments planned for April 2023
- April 2023 appointments will include:
 - Reappointments of some current members eligible for reappointment
 - New appointments from pool of candidates from last Call for Nominations
- Next Call for nominations: mid/late 2023 (for 2024 appointments)

2023 NGAC Schedule & Activities

• April 11-12	NGAC Public Meeting <ul style="list-style-type: none">• GDA Reporting Subcommittee & GDA Implementation Subcommittee reports adopted – for inclusion in FGDC GDA Report to Congress
• April 13	~1/2 current NGAC appointments expire
• Mid-April	New NGAC appointments finalized
• June 27-28	NGAC Public Meeting <ul style="list-style-type: none">• NGAC 3DEP Subcommittee Report adopted by NGAC
• July 5	NGAC 3DEP Subcommittee Report due to DOI
• Sept/Oct (TBD)	NGAC Public Meeting

National Spatial Data Infrastructure (NSDI)

- October 19, 1990 - Circular A-16 established FGDC and called for the “development of a national digital spatial information resource”
- 13 April 1994 – EO 12906 “ordered... FGDC... [to] coordinate the Federal Government’s development of the NSDI
- 2022 - significant progress towards an NSDI
 - Federal agencies manage 175 datasets across 18 themes
 - Available through GeoPlatform.gov
 - State, Tribal, Local, academic institutions and the private sector manage thousands additional datasets
- Time to look to the future
 - Data is the foundation not the end state
 - Information/knowledge is the goal
 - Massive technology changes since NSDI concept introduced
 - AI/ML
 - Cloud Computing
 - 3D
 - Virtual personal assistants
 - What will technology look like in 2030? 2040?
 - What do we need to do now in order to prepare our data to take advantage of current and future technology (e.g., machine readable metadata)?



Knowledge Management Cognitive Pyramid

Focus going Forward

2 concurrent paths

a) NSDI today

- i. How do we access the NSDI?
- ii. How can we better use our data to enable data driven decisions?
- i. What is GeoPlatform's role in the NSDI?
- ii. Build demo sites to capture user feedback/facilitate discussion
- iii. Gather stakeholder input

a) NSDI 2030

- i. Develop plan for NSDI 2030
- ii. Get the message out

Is it time for an NSDI Study?

In Appreciation...

Our NGAC & FGDC colleagues who are retiring:

- Gar Clarke
 - Felicia Retiz
 - Lorna Schmid
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- Thank you and best wishes in retirement!

Questions/Discussion