June 24, 2014

National Geospatial Advisory Committee Meeting

Federal Geographic Data Committee Update

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Executive Director, FGDC OS

Topics

◈ Homeland Infrastructure Foundation Level Data (HIFLD), FGDC Subcommittee

◈ GAO Engagement Update

◈ FGDC Standards Activities

◈ Agenda for 6/26/2014 Steering Committee Meeting

◈ Steering Committee Membership Changes

◈ National Geospatial Data Asset Management Plan

HIFLD Now an FGDC Subcommittee

◆ *Homeland Infrastructure Foundation-Level Data (HIFLD)*
◆ *Steering Committee endorsed HIFLD as FGDC Subcommittee*

Primary Scope and Objectives:

◆ The HIFLD Subcommittee is responsible for developing, promoting, and executing a coordinated strategy for acquisition or development of homeland infrastructure geospatial information for Federal agencies while creating and utilizing partnerships with State, local, tribal, territorial, and private organizations.

◆ The HIFLD Subcommittee is accountable to the FGDC Steering Committee and provides recommendations to the FGDC Coordination Group.

◆ The HIFLD Subcommittee ….serving as a focal point to coordinate homeland infrastructure geospatial information requirements among Federal, State, local, tribal, territorial, and private organizations

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Supported by all HIFLD Principals

◆ Includes a Program Management Group (PMG)

- Comprised of DHS GMO, OIP, FEMA, DOI GIO, DOD ASHD, NGA
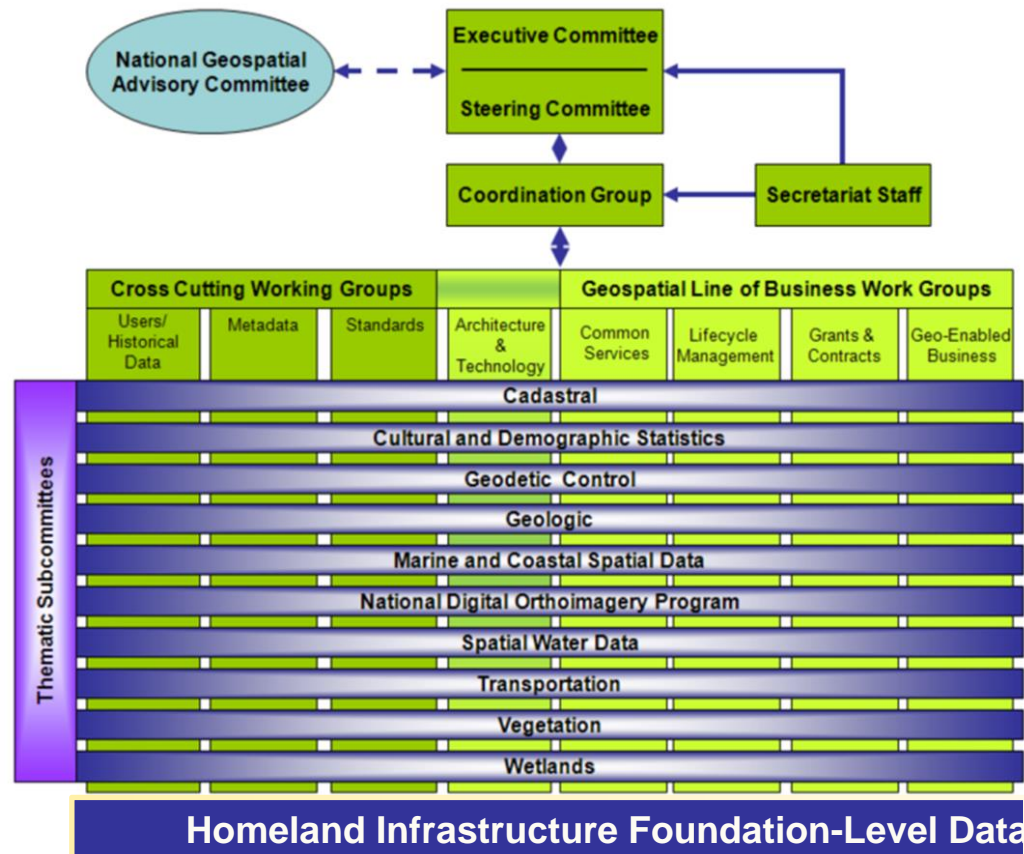- Chairperson selected by PMG for 2-yr term, Vice chair rotated annually among members

Figure: Overview of the structure of the various components of the FGDC

Strengthens Community

- Strengthens coordination between Operators & Data Providers
  - Expands FGDC interactions with DOD\IC\HLS\LE communities
  - Facilitates availability of common operating data across the national community
- Complements and Enhances FGDC contributions to NSDI
  - HIFLD includes data requirements not covered under A-16
- Formalizes HIFLD Governance and demonstrates strategic level coordination
  - Promotes national efficiencies for geospatial data sharing (at all operating levels)
  - Bolsters national geospatial support for PPD 8, 21, information sharing, and digital government

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2014 GAO Engagement

- New (2nd) engagement - GAO letter received January 6, 2014
- Issues under review/Objective(s)/Key questions(s):
    1. Determine the implementation status of prior recommendations.
    2. Describe the types of geospatial data that selected federal agencies and States are acquiring.
        - Looking for use cases and maps to show the pervasive use of geospatial data across the government.
    3. Determine the extent to which selected federal agencies and States invest in potentially duplicative geospatial data.
        - Focused primarily on address and imagery data.
        - GAO meeting with States - MD, OH, SC, MT, WA
- GAO determined its approach to this engagement in April 2014, this is an internal plan, not a document they provide to inform agencies.
- USGS, NOAA, Census are responding to questions on data use of NGDA themes, plus addresses, including how they "get" the data and, if quantifiable, associated costs.
- GAO anticipates a draft report in the December timeframe for agency review with a final report in the February timeframe.

FGDC Standards Activities

- Spatial Data Transfer Standard (SDTS), Parts 1-7 are being voted on for withdrawal
  - Posted notice in Federal Register for comments (1 received)
  - Geography Markup Language (GML) now satisfies the encoding requirements that SDTS provided.
- External Standards pending vote
  - Aeronautical Information Exchange Model (AIXM) 5.1
  - GeoRSS: both GeoRSS-Simple and GeoRSS-GML
  - ISO/IEC* 15444-1:2004 Technical Corrigendum 1:2007 and ISO/IEC 15444-1:2004 Technical Corrigendum 2 JPEG 2000
    - Changes to approved standards related to imagery compression, aligns with DOD IT Standards Repository, considered foundational standards on which geospatial standards may be dependent.

* International Organization for Standardization (ISO) / International Electrotechnical Commission (IEC)

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Overview of 6/26 Steering Committee Meeting

June 26, 2014, 1:00-3:00 pm, South Interior Building Auditorium (1st Floor)		
1:00 – 1:10	**Welcome/Introductory Remarks; Leadership Update**	*Anne Castle, DOI, Chair*
1:10 – 1:15	**GAO Engagement Update**	*Anne Castle, DOI*
1:15 – 1:25	**NSDI Strategic Plan Implementation**	*Dan Cotter, DHS; Ivan DeLoatch, FGDC OS*
1:25 – 1:45	**Real Property Theme Report**	*Michel Kareis, GSA*
1:45 – 2:00	**Geospatial Platform**	Jerry Johnston, DOI
2:00 – 2:10	**Report on June 24-25 NGAC Meeting**	*Robert Austin, Chair, NGAC*
2:10 – 2:40	**Open Water Data Initiative**	*Kevin Gallagher, USGS*
2:40 – 2:55	**NGDA Management Plan**	*Adrian Gardner, FEMA; Ivan DeLoatch, FGDC OS*
2:55 – 3:00	***Wrap up and Adjourn***	*Anne Castle, DOI*

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SC Membership Changes

- Tim Trainor, Census Bureau, Chief, Geography Division – New Dept. of Commerce SAOGI

- Joe Klimavicz, Dept. of Justice, Deputy Assistant Attorney General for Information Resources Management and Chief Information Officer – new DOJ SAOGI

- Jeff Bell, NGA, Acting Director of Enterprise Architecture and Standards - replaces Michelle Motsko as the DoD SAOGI

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NGDA Management Plan Update

- ◈ **Implementing actions identified in the Plan**
  - ▪ Continue to advance actions already in progress
  - ▪ Coordinating action execution
- ◈ **Assisting Data Theme Leads**
- ◈ **Creating Communities on the Geospatial Platform**
- ◈ **Starting the Baseline Assessment**
- ◈ **Working session at ESRI**

National Geospatial Data Asset

Management Plan

Portfolio Management Implementation Plan for the OMB Circular A–16
Supplemental Guidance as it relates to OMB Circular A–16, *Coordination of Geographic Information and Related Spatial Data Activities*

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March 2014

www.fgdc.gov   National Geospatial Data Asset Management Plan

NGDA Management Plan Actions

Action from the NGDA Management Plan	Start Date	Completion Date	Lead	Progress
Action 2C.3: Establish and Maintain Coordination Mechanism across NGDA Themes	1/1/2013	3/31/2014	Theme Lead	Complete
Action 1B.1: Identify Initial Baseline of NGDA Datasets	10/3/2011	6/30/2014	Theme Lead	In progress.
Action 1C.1: Activate Theme Lead Collaboration Community on Geoplatform.gov	1/1/2013	6/30/2014	GeoPlatform.gov Team	In progress. Theme Leads registering.
Action 1A.1: Develop a process for selecting and maintaining A-16 Leads	10/3/2011	9/30/2014	Theme Lead Agency	In progress. Action discussed at May 22 Excom meeting.
Action 1D.1: Develop NGDA Dataset Maturity Annual Assessment Survey	1/1/2013	9/30/2014	Dataset Manager	In progress.
Action 1D.3: Develop NGDA Theme Administrative Maturity Assessment Survey	10/1/2013	9/30/2014	Theme Lead	In progress.
Action 2C.1: Populate A–16 Theme Public Community on Geoplatform.gov	1/1/2014	9/30/2014	Theme Lead	In progress. Theme Leads registering.
Action 1B.2: Register baseline NGDA Datasets and Services metadata	10/3/2011	12/31/2014	Dataset Manager	In progress.
Action 1D.2: Develop NGDA Dataset Report Template	4/1/2014	12/31/2014	Theme Lead	Not initiated
Action 1E.1: Review/revise geospatial investment and budget reporting codes	4/1/2014	12/31/2014	Steering Committee	In progress. Initial team identified.
Action 1D.4: Develop Support Strategic Theme Plan Template	7/1/2014	3/31/2015	Theme Lead	Not initiated

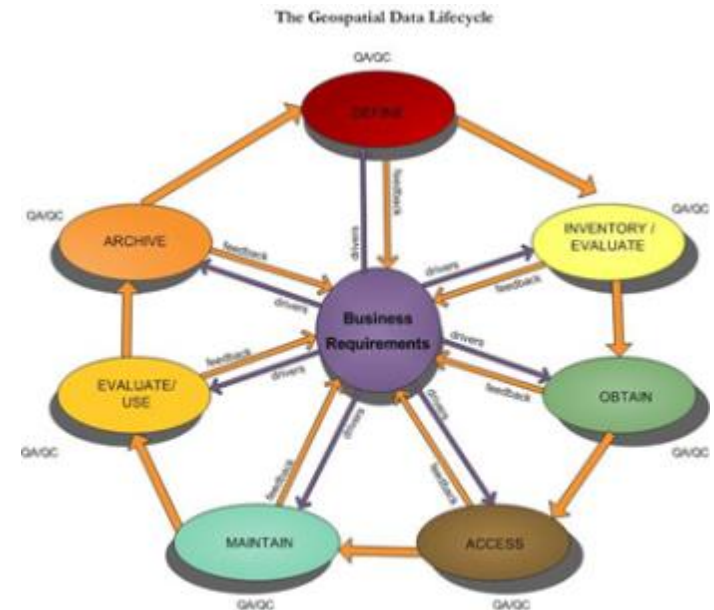# GeoPlatform **Public** Theme Communities

◈ **Status**

- 16 Public Theme Community Pages

- 6 Communities have NGDA Dataset Queries

- Need to NGDA Metadata Registration to activate remaining Theme NGDA queries

- Updated Communities
  - ◆ Gov't Units
  - ◆ Transportation

Baseline Dataset Assessment Survey

- ◆ **Second round of comments were due June 2, 2014**
  - ▪ Comments came from Census, NOAA, USGS, GSA
- ◆ **Comments Summary**
  - ▪ Simplify and clarify questions
  - ▪ Reconsider the maturity level criteria
  - ▪ Two additional baselines provided for consideration
- ◆ **Baseline being tested by Census**
  - ▪ All 30 NGDAs participating
  - ▪ Lessons learned documented
  - ▪ Alternative baseline constructed
- ◆ **Working Group established**

The Geospatial Data Lifecycle

NGDA MP Action 1D.1: Develop NGDA Dataset Maturity Annual Assessment Survey

Next Steps-Baseline

◈ Side-by-side reviews & crosswalk analysis

◈ Work group report including Census insights

◈ Working meeting to be held at Esri UC – July 16

◈ Continue tracking other maturity efforts (AGRC, AGU, etc.)

◈ Finalize Baseline Dataset Tool by 10/1/14

◈ Beta testing Administrative Baseline after the dataset baseline assessment is complete

The Geospatial Data Lifecycle

NGDA MP Action 1D.3: Develop NGDA Theme Administrative Maturity Assessment Survey

Esri User Conference July 14-18

◈ Working session
 - Wednesday, July 16
 - Time:1:30-4:30 pm
 - Location: Marriott Hotel
 - Room: Miramar

◈ Intend to have working session
 - Feedback on Platform
 - Dialogues on Theme implementation issues/lessons learned
 - Additional input on Baseline Assessment content

◈ Will solicit questions for session discussion

◈ Contact: Wendy - blake-coleman.wendy@epa.gov

QUESTIONS?

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