Coordination Group Meeting
FGDC Business Report Update

Ivan DeLoatch

Executive Director

Federal Geographic Data Committee

May 10, 2016

Background

This presentation contains general update information on FGDC business activities. A list of the other agenda topics with references to their associated materials is also included. This presentation is intended as a read-ahead with only highlights of some of these activities being presented during the meeting. Questions on the included topics or content can be posed during the FGDC Business Update during the meetings.

It is the responsibility of the attendees to review the material prior to the meeting, as per CG standard operating procedures.

The general organization of the information is:

CG Agenda Items - Items on the Coordination Group (CG) agenda with references to any read-ahead materials

FGDC Committee Meeting Summaries

FGDC Business Update - Current FGDC initiatives/activities

CG Agenda Items

❖ **FGDC Business Highlights**
  Contact: Ivan DeLoatch
  Read ahead: FGDC Business Highlights

❖ **Cultural Resources**
  Contact: Deidre McCarthy
  Read ahead: Cultural Resources Subcommittee Report

❖ **Geospatial Platform PMO Activities Update**
  Contact: Jim Irvine, Program Manager, ArdentMC Inc.
  Read ahead: Geospatial Platform Report

❖ **Evaluation of the NSDI Strategic Plan and the NGDA Management Plan**
  Contact: John Mahoney, FGDC OS; Gita Urban-Mathieux, FGDC OS
  Read ahead: Evaluation of the NSDI Strategic Plan, and the NGDA Management
    Plan

❖ **LMA Report and Dashboard Roll out**
  Contact: Tod Dabolt, DOI; Gita Urban-Mathieux, FGDC OS

❖ **Other Agency Announcements**

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Committee's Decisions Summary

❖ On May 31st, the Executive Committee will meet to discuss the National Address Database and the GAO response. The goal is to obtain consensus on whether to establish an address theme or use another approach to manage the NAD, the datasets that will be part of the theme, and who will have leadership roles.

❖ Public release of the Performance Dashboard, and the NGDA Lifecycle Maturity Assessment (LMA) Reports

    ❖ Steering Committee members were encouraged to review and become familiar with the content of the dashboard and the supporting reports from their agency and to provide feedback by May 6th.

    ❖ The plan is to post the Dashboard and the LMA reports publicly on May 16th.

Contact: Lucia Foulkes, FGDC OS, lfoulkes@usgs.gov

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Committee's Decisions Summary

❖ A vote to approve the change of the name of the Biota Theme to Biodiversity and Ecosystems Theme was sent to the Coordination Group, votes are due back on May 20th.

❖ Upon CG approval, the proposal will be forwarded for a vote to the Steering Committee. Upon endorsement by the Steering Committee, the official list of National Geospatial Asset (NGDA) Themes, a revision to OMB Circular A-16 Appendix E, will be updated to reflect this change.

Contact: Lucia Foulkes, FGDC OS, lfoulkes@usgs.gov

Steering Committee

❖ The next Steering Committee Meeting will be on June 16th at the Department of Transportation. Agenda is in development.

Contact: Lucia Foulkes, FGDC OS, lfoulkes@usgs.gov

NGAC Update

❖ **April NGAC Meeting**
  - Discussion of 2016 FGDC Guidance
  - Establishment of 2016 Subcommittees

❖ **Subcommittees/Work Groups**
  - Initial meetings – April/May 2016

❖ **June 14-15 NGAC Meeting**
  - U.S. Department of Transportation Building
  - Registration required
  - Contact Lucia Foulkes (lfoulkes@usgs.gov) by **June 10** to register

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NSDI Strategic Plan Work Group

❖ **Task**: Assess the effectiveness and impact of the current NSDI strategic plan. Review and provide feedback on the Vision and Desired Future State described in the strategic plan

❖ **Chair**: Matt Gentile

❖ **Approach:**

- Discuss at April NGAC meeting

- Briefing from FGDC NSDI Core Team

- Collect additional feedback from NGAC members

- Compile high-level comments

❖ **Timeframe:**

- June Meeting: Present summary of feedback

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NGDA Evaluation Work Group

❖ **Task**: Provide high-level feedback on the FGDC's National Geospatial Data Asset/portfolio management process. Provide input on potential strategic actions based on the results of the NGDA Management Plan evaluation.

❖ **Chair:** Bert Granberg

❖ **Approach:**

- Webinar briefing from FGDC NGDA team – capture real-time comments

- Review documents/status reports, compile high-level comments

❖ **Timeframe:**

- June Meeting: Present summary of feedback

Emerging Technologies Subcommittee

❖ **Task**: Provide perspectives and advice on how new technologies will impact the geospatial community or change the way we do business. Describe how these new technologies and changes might be reflected in the NSDI strategic plan framework.

❖ **Chair**: Doug Richardson, **Vice-Chair**: Sarah Battersby

❖ **Approach:**

- Meet with FGDC/Geospatial Platform team

- Review resources/documents

- Gather input from NGAC members, other contacts

- Compile report summarizing findings/recommendations

❖ **Timeframe:**

- June Meeting: Status report

- September Meeting: Present draft paper

Policy Framework Subcommittee

❖ **Task**: OMB Circular A-16 and the A-16 supplemental guidance have guided and provided the framework for Federal geospatial activities. Provide perspectives and advice on how Circular A-16 and the geospatial policy framework might be updated to reflect changes in technology, organizational capabilities, partnerships, and the evolution of the geospatial community.

❖ **Chair**: Tony Spicci, **Vice-Chair**: Molly Vogt

❖ **Approach:**

- Meet with FGDC team

- Review resources/documents

- Gather input from NGAC members, other contacts

- Compile report summarizing findings/recommendations

❖ **Timeframe:**

- June Meeting: Status report

- September Meeting: Present draft paper

Standards Coordination Subcommittee

- ❖ **Task**: The FGDC requests NGAC advice on greater adoption and utilization of standards resulting in enhanced interoperability of geospatial data, services, and systems. The FGDC will also request recommendations on collaboration with voluntary standards organizations to enhance the implementation and uptake of endorsed standards.

- ❖ **Chair**: Carl Reed, **Vice-Chair**: Gen. William Reddel

- ❖ **Approach:**
  - The specific standards-related study topics for consideration by the NGAC will be jointly discussed and determined by FGDC standards representatives and the NGAC.

- ❖ **Timeframe:**
  - September NGAC Meeting – Draft recommendations
  - December NGAC Meeting – Final

Landsat Advisory Group

❖ **Task**: LAG study topics for 2016 may include the following:

- Continuation of the smallsat investigation from the FY15 NGAC paper, "Sentinel Data Use Policies."

- The feasibility and utility of implementing temporal data cubes to support projection or 'forecast' models of land change trends.

- Data continuity mission enhancements.

❖ **Approach:**

- The specific 2016 Landsat-related issues for consideration by the NGAC will be jointly discussed and refined by the USGS program office and the LAG.

❖ **Timeframe:**

- September NGAC Meeting – Draft recommendations

- December NGAC Meeting – Final

NGAC Points of Contact

❖ NGAC has designated POCs for several key ongoing geospatial. POCs will coordinate with FGDC and program leads to keep NGAC members updated on key program activities, as needed. POCs are as follows:

- Geospatial Platform – May Yuan
- Crowdsourced Data – Molly Vogt
- 3D Elevation Program – Gary Thompson
- Geospatial Privacy – Kevin Pomfret
- National Address Data – Jason Warzinik
- NSDI Outreach and Communication – Julie Sweetkind-Singer/Keith Masback
- Tribal Geospatial Activities – Frank Harjo
- Open Water Data Initiative – Harvey Thorleifson
- Geospatial Workforce – Talbot Brooks

CG and SC Monthly Membership

❖ Megan Lang, (FWS) replaces Bill Wilen as the primary Coordination Group member

Contact: Lucia Foulkes, FGDC OS, lfoulkes@usgs.gov

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Coordination Group Meeting Dates

❖ **2016 CG Meeting Calendar available on FGDC website**

- ***June 7, 2016 Rachel Carson***
- July 12, 2016
- August 9, 2016
- September 13, 2016
- October 11, 2016
- November 8, 2016
- December 13 , 2016

Contact: Lucia Foulkes, FGDC OS, lfoulkes@usgs.gov

FGDC Business Update

2014 GAO Engagement

NGDA Management Plan Activities

Doug D. Nebert NSDI Champion of the Year Award

FGDC Standards Update

2014 GAO Engagement – Actions Status

❖ **2015 GAO report FGDC actions (3 remaining)**

   ❖ Correct search function on Geospatial Platform and monitor regularly

   - Status: Technical, and catalog record content improvements: on-going

   ❖ Regular collection of Geospatial Platform performance measures with reports to Steering Committee

   - Status: Metrics and dashboards being designed and developed
   - Includes service performance, NDGA Lifecycle assessments, portfolio

   ❖ Create address data theme and associated subcommittees and working groups to further a national address database

   - Status: ExCom/SC agree on:
     - Federal government should have a leadership role
     - National addresses should be an NGDA
     - Supporting subcommittee/working group should be established
   - Further ExCom deliberation on:
     - Which Federal agency(ies) should have theme lead responsibilities
     - Where in the NGDA Themes are addresses aligned

National Geospatial Data Asset (NGDA) Management Plan

Gita Urban-Mathieux

Jen Carlino

FGDC-OS

May 10, 2016

NGDA Management Plan - Current Activities

❖ Theme Lead Meeting Upcoming

- May 18, 9 am – 11 am ET

❖ Biota Theme

- Working with Theme Lead, Marcia McNiff, to complete the process to rename the Theme to Biodiversity and Ecosystems Theme

❖ NGDA MP Evaluation Project

- NGDA Evaluation Survey to NGDA community
- NGAC Work Group

❖ Theme Strategic Plans

- Due June 30, 2016
- Theme Leads coordinating

NGDA Management Plan - Current Activities

❖ NGDA Web Services and Metadata Project

- Providing reliable web services with quality metadata for all NGDA Datasets to improve the GeoPlatform experience by end of 2016

- Updating NGDA metadata guidelines

❖ Redesign of Theme Lead Collaboration Community (TLCC)

- Will be re-titled the NGDA Collaboration Community (NCC)

❖ Theme Administrative Assessment

- Revise earlier version and will discuss with Theme Leads and Coordination Group

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NGDA Management Plan - Current Activities

❖Analyzing NGDA Lifecycle Maturity Assessment results

- Draft report nearing completion

❖Final Dataset and Theme Summary reports

- Posted internally on Theme Lead Collaboration Community
- Theme Leads sharing with agencies and Steering Committee members

❖LMA Performance Dashboard

- Posted internally on Theme Lead Collaboration Community
- SC members concurred with making the dashboard public

LMA, Performance Dashboard, and Reports

Demonstration upcoming

Performance Dashboard:
GeoPlatform.gov

NGDA Reports:
Dataset and Theme
Summary

Timeline for Reports and Dashboard Release

❖ LMA Survey Questions finalized - June 2015

❖ LMA Surveys completed by Dataset Managers - Oct 2015

❖ LMA Reports finalized - Jan 2016

❖ LMA Dashboard in beta phase through - Feb 2016

❖ LMA Reports and Dashboard available with login on TLCC with Release 3 of Geoplatform.gov - March 2016

❖ LMA Analysis complete – May 2016

❖ **LMA Reports and Dashboard to go public - May 2016**

- Feedback from Steering Committee and Theme Leads was due May 6

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March NGDA Inventory Updates

❖ Theme Lead Changes
- None

❖ Dataset Manager Changes

NGDA Theme	New Dataset Manager	Old Dataset Manager
Cadastre	Ron Santos USACE ronald.t.santos@usace.army.mil	Maze Ercums USACE

NGDA Management Plan

Additional Slides

Points of Contact and Links

What	Who
Dataset/Service Registration in GeoPlatform.gov/Data.gov Catalog	Gita Urban-Mathieux, burbanma@usgs.gov; Jen Carlino, jcarlino@usgs.gov
Geoplatform.gov – Login registration and NGDA Community and Theme Lead Collaboration pages	Gita Urban-Mathieux (Federal Sponsor), burbanma@usgs.gov; GeoPlatform Service Desk, servicedesk@geoplatform.us
Geoplatform.gov – Theme Community pages	Managed by Theme Leads Support - GeoPlatform Service Desk, servicedesk@geoplatform.us
NGDA Lifecycle Maturity Assessment (LMA), including Dashboard and Reports	NGDA LMA Help Desk, NGDA_LMA_help@fgdc.gov

NGDA Community Links	
Public Site	https://www.geoplatform.gov/A-16-NGDA-Theme-Community
Private Site – login required	https://www.geoplatform.gov/theme-lead/theme-lead-home

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NGDA Management Plan Activities- Coordination Group Tasks (page 1 of 2)

❖ As the plan progresses additional tasks may be added.

❖ Table does not include tasks where the CG is only providing a support role to the task.

Action from the NGDA Management Plan	Tasks	Responsibility	Task Status
Action 1A.1: Develop a Process for Selecting and Maintaining Executive NGDA Theme Champions, NGDA Theme Leads, and NGDA Dataset Managers	Review process to replace/update Theme Lead Agency, Executive Theme Champions, Theme Leads, Dataset Managers	Coordination Group	Complete 10/3/14
Action 1B.3:Develop an Approval Process for Nomination/Removal of NGDA Datasets within the A–16 NGDA Portfolio	Coordination Group approval vote	Coordination Group	Complete 3/30/15
Action 1D.1: Develop NGDA Dataset Maturity Annual Assessment Survey and Tool	Coordination Group approval vote	Coordination Group	Complete 12/22/14
Action 1D.2: Develop NGDA Dataset Report Template and Tool	Coordination Group review and comment - LMA reports (Dataset and Theme Summary) and Dashboard	Coordination Group	Complete 11/20/15
Action 1D.3: Develop NGDA Theme Administrative Maturity Assessment Survey and Tool	Review of Theme Summary report	Coordination Group	Complete 11/20/15
	Coordination Group review and comment, work with Theme Leads to discuss comments if needed	Coordination Group	Not started - review updated version
	Coordination Group approval vote	Coordination Group	Not started
Action 1D.4: Develop Support Theme Strategic Plan Template and Tool	Coordination Group review template draft	Coordination Group	Complete 4/10/15
	Coordination Group approval vote	Coordination Group	Complete 7/24/15
Action 1D.5: Develop Annual Theme Report Template and Tool	Coordination Group review and comment on Theme Summary Report which is a first prototype of the Annual NGDA Theme Report	Coordination Group	Complete 11/20/15
	Coordination Group review and comment – Will reports created with the template meet their needs?		Not started

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NGDA Management Plan Activities- Coordination Group Tasks (page 2 of 2)

❖ As the plan progresses additional tasks may be added.

❖ Table does not include tasks where the CG is only providing a support role to the task.

Action from the NGDA Management Plan	Tasks	Responsibility	Task Status
Action 1D.6: Develop NGDA Services/Applications Investment Report Template, Tool, and Report	Coordination Group approval vote	Coordination Group	Not started
Action 1D.7: Develop NGDA Portfolio Summary Report Template and Tool	Coordination Group review and comment - Does report meet their needs?	Coordination Group	Not started
Action 1E.1: Review/Revise the Definition of Geospatial Investment and Budget Reporting Codes	Request for information, links, docs related the authorizing legislation language that may provide definitions related to geospatial activities	Coordination Group	Complete 6/5/15

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Doug D. Nebert NSDI Champion of the Year Award

❖ **Nominations closed May 6**

❖ Review of nominations in May

❖ First award - Summer of 2016

❖ Web site: www.fgdc.gov/nebertaward

❖ Contacts:

- Gita Urban-Mathieux, burbanma@usgs.gov
- Eldrich Frazier, efrazier@usgs.gov

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Standards Update to Coordination Group

May 9, 2016

Julie Binder Maitra

FGDC OS

Phone: 703-648-4627

Email: jmaitra@usgs.gov

Linkedin: www.linkedin.com/in/juliebindermaitra

FGDC Standards WG meeting

Date

Wednesday, May 25, 2016 10:00 am EDT

Meeting link

https://usgs.webex.com/usgs/j.php?MTID=mb18ea079f1b4a102e8635 93227f2350e

Agenda

Recommendation on FGDC endorsement:

- INCITS/ISO 19115-1:2014[2014] Geographic information - Metadata - Part 1: Fundamentals

- INCITS/ISO 19157:2013[2014] Geographic information - Data quality

FGDC Standards WG meeting

INCITS/ISO 19115-1:2014[2014] Geographic information - Metadata - Part 1: Fundamentals

- Defines the schema for describing geographic information and services with metadata. It provides information about identification, extent, quality, spatial and temporal aspects, content, spatial reference, portrayal, distribution, and other properties of digital geographic data and services.

- Reference: http://webstore.ansi.org/RecordDetail.aspx?sku=INCITS%2fISO+19115-1%3a2014%5b2014%5d

- ISO 19115:2003 and CSDGM will be retained as FGDC-endorsed standards for legacy purposes

FGDC Standards WG meeting

INCITS/ISO 19157:2013[2014] Geographic information - Data quality

- establishes principles for describing quality of geographic data.

- defines components for describing data quality;

- specifies components and content structure of a register for data quality measures;

- describes general procedures for evaluating quality of geographic data;

- establishes principles for reporting data quality.

FGDC Standards WG meeting

INCITS/ISO 19157:2013[2014] Geographic information - Data quality

- Defines a set of data quality measures for evaluating and reporting data quality. It applies to data producers who provide quality information that assess and describe how well a data set conforms to its product spec and data users who determine whether or not the geographic data are of sufficient quality for their application.

- Does not attempt to define minimum acceptable levels of quality for geographic data.

FGDC Standards WG meeting

INCITS/ISO 19157:2013[2014] Geographic information - Data quality

- Reference: http://webstore.ansi.org/RecordDetail.aspx?sku=INCITS%2fISO+19157%3a2013%5b2014%5d

- ISO/TS 19138:2006, Geographic data – data quality measures will be withdrawn as an FGDC-endorsed standard.

Events

Event	Start Date	End Date	Location
CG	5/10/2016	5/10/2016	
OGC – Agile – ICA Workshop The Role of Geospatial Standards for Sustainable Development	5/14/2016	5/14/2016	Helsinki, Finland
INCITS L1/U.S. TAG	5/23/2016	5/23/2016	USGS, Reston, VA
FGDC Standards WG	5/25/2016	5/25/2016	
CG	6/7/2016	6/7/2016	
ISO TC 211 42th Plenary and meetings	6/13/2016	6/17/2016	Tromsø, Norway
OGC #OGCdublin16	6/20/2016	6/24/2016	Dublin, Ireland
GWG 16-2 Voting Meeting	6/22/2016	6/22/2016	Chantilly, VA
Esri International UC	6/27/2016	7/1/2016	San Diego, CA

Questions???

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