Coordination Group Meeting
FGDC Business Report Update

Ken Shaffer

Deputy Executive Director

Federal Geographic Data Committee

July 12, 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: Ken Shaffer
Read ahead: FGDC Business Highlights

❖ **Parcel Data Summit Summary Review**
Contact: Travis Hardy, ArdentMC Inc.
Read ahead: pending

❖ **Service Status Checker**
Contact: Rich Frazier
Read ahead: pending

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

❖ **GeoCloud Incubator Accomplishments**
Contact: Rich Frazier
Read ahead: pending

❖ **Evaluation of the NSDI Strategic Plan and the NGDA Management Plan**
   ❖ **Contact:** John Mahoney and Jen Carlino, FGDC OS
   ❖ **Read ahead**: NSDI Strategic Plan, & NGDA Management Plan Evaluation

❖ **Other Agency Announcements**

Committee's Decisions Summary

❖ As a result of recent meetings of the Executive Committee and the Steering Committee, the following actions are to be executed by NGDA Theme Leads and FGDC members:

  ❖ Completion of NGDA Theme Strategic Plans, due June 30th

  ❖ Development of Theme Implementation Plans, due December of 2016

  ❖ Encourage reading of the NGAC paper "NGDA Paper - Comments on NGDA Portfolio Management" (http://www.fgdc.gov/ngac/meetings/june-2016/ngac-paper-comments-on-ngda-portfolio-management.pdf)

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

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Committee's Decisions Summary

❖ The Steering Committee approved the proposal to change the name of the Biota Theme to Biodiversity and Ecosystems.

  ❖ The new name better reflects the content of the theme and aligns more closely with common terminology used by professionals and subject matter experts using the data.

  ❖ OMB Circular A–16 Supplemental Guidance Appendix E has been updated (http://www.fgdc.gov/policyandplanning/a-16/index_html

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

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Committee's Decisions Summary

❖ On July 8th the Coordination Group voted to recommend the Creation of a National Address Data Theme – VOTE IS BEING EXTENDED

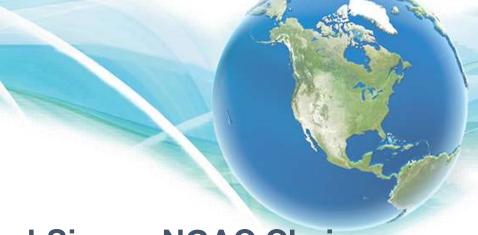❖ The next step will be the Steering Committee's approval.

Steering Committee

❖ The Steering Committee met on June 16th at the Department of Transportation. Key outcomes:

   ❖ Jennifer Gimbel's last meeting as FGDC Chair

   ❖ Camille Touton will chair future meetings

❖ Topics Discussed:

   ❖ FGDC Current Activities

   ❖ National Address Database

   ❖ NGAC Meeting Summary

   ❖ Geodetic Control Theme Report

   ❖ Geospatial Platform

   ❖ Open Water Data Initiative, and 3D Elevation Program Update

❖ Next Steering Committee Meeting will be on September 29th, at the South Interior Auditorium, Washington DC.

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NGAC Membership

Ms. Julie Sweetkind-Singer (Chair)
Stanford University

Mr. Keith Masback (Vice-Chair)
U.S. Geospatial Intelligence Foundation

Mr. David Alexander
Department of Homeland Security

Mr. Frank Avila
National Geospatial-Intelligence Agency

Dr. Sarah Battersby
Tableau Software

Mr. Talbot Brooks
Delta State University

Ms. Patricia Cummens
ESRI

Prof. Joanne Irene Gabrynowicz
University of Mississippi Law School

Mr. Matthew Gentile
Deloitte Financial Advisory Services, LLP

Mr. Bert Granberg
State of Utah

Mr. Frank Harjo
Muscogee (Creek) Nation

Mr. Jack Hild
Hild Enterprises, LLC

Mr. Xavier Irias
East Bay Municipal Utility District

Mr. Jeff Lovin
Woolpert, Inc.

Mr. Roger Mitchell
MDA Information Systems, Inc.

Ms. Rebecca Moore
Google, Inc.

Mr. Kevin Pomfret
Centre for Spatial Law and Policy

Dr. Laxmi Ramasubramanian
Hunter College, City University of NY

Major General William N. Reddel III
New Hampshire National Guard

Dr. Carl Reed
Carl Reed and Associates, LLC

Ms. Amber Reynolds
City of Topeka, KS

Dr. Douglas Richardson
Association of American Geographers

Mr. Anthony Spicci
State of Missouri

Mr. Gary Thompson
State of North Carolina

Dr. Harvey Thorleifson
Minnesota Geological Survey

Ms. Molly Vogt
City of Gresham, OR

Mr. Jason Warzinik
Boone County, MO

Mr. David Wyatt
Eastern Band of Cherokee Indians

Dr. May Yuan
University of Texas – Dallas

June 2016 NGAC Meeting – Agenda

Leadership Dialogue

FGDC Update

National Parcel Data – NGAC Discussion

Emerging Technologies Spotlight Session

Review of NGDA Work Group paper

Review of NSDI Work Group paper

3DEP/Open Water Data Initiative Update

NGAC Subcommittee Break-out Sessions

NSDI Framework/Transition Plan Dialogue

Leadership Dialogue

Welcoming remarks and dialogue with US-DOT CIO Richard McKinney

❖ Discussion of National Address Database and DOT geospatial activities

Leadership update and dialogue with FGDC Chair Jennifer Gimbel

❖ Discussion of FGDC priorities, NGAC activities, NSDI strategic plan, and Transition planning

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National Parcel Data

NGAC review and discussion of key questions:

- Should we have a national parcel dataset?
- What is the appropriate role of the federal government?
- What is the best approach to achieving a national parcel dataset?
- How can we incentivize parcel data sharing?

Multiple viewpoints, reflecting complexity of issue. No clear consensus on approach.

Results of NGAC discussion to be presented at June 17 National Parcel Data Summit meeting

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NGAC 2016 Subcommittees

NSDI Strategic Plan Work Group

❖Membership: Matt Gentile (lead), Jack Hild, Xavier Irias, Laxmi Ramasubramanian, Molly Vogt

❖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

NGDA Evaluation Work Group

❖Membership: Bert Granberg (lead), Amber Reynolds, Tony Spicci, Harvey Thorleifson, Jason Warzinik

❖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.

NGDA Evaluation Paper

Action: NGAC approved paper: "*NGAC Comments on National Geospatial Data Asset (NGDA) Portfolio Management Process*"

Excerpt: "NGAC commends the Federal geospatial NGDA community for its approach and efforts to assess the progress and performance of the NGDA data resources through the inaugural Lifecyle Maturity Assessments and related performance dashboard. The NGDA assessment is an important component of FGDC's charge to manage the federal portfolio of geospatial data."

NGAC also identified several suggestions to improve and enhance the NGDA process.

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NGAC 2016 Subcommittees

Policy Framework Subcommittee

❖ <u>Membership</u>: Tony Spicci (chair), Molly Vogt (vice-chair), David Alexander, Bert Granberg, Kevin Pomfret, Laxmi Ramasubramanian, Amber Reynolds, David Wyatt

❖ <u>Task</u>: Provide perspectives and advice on how OMB Circular A-16 and the FGDC policy framework might be updated to reflect changes in technology, organizational capabilities, partnerships, and the evolution of the geospatial community.

Emerging Technologies Subcommittee

❖ <u>Membership</u>: Doug Richardson (chair), Sarah Battersby (vice-chair), Pat Cummens, Matt Gentile, Jack Hild, Jeff Lovin, Rebecca Moore, Carl Reed, Gary Thompson, Jason Warzinik, May Yuan

❖ <u>Task</u>: 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.

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Emerging Technologies Panel

Purpose: Brief presentations from Federal technology leaders on key emerging technologies and dialogue to explore and identify policy and application implications and impacts on the geospatial community

1. Mobile Technologies

Maria Roat
Chief Technology Officer,
US Department of Transportation

2. Smallsats

Christopher Simi
Senior Scientist for Remote Sensing, US National Geospatial-Intelligence Agency

3. Broadband / Internet of Things

Christopher Algiere
Federal Consultation Lead,
First Responder Network Authority (FirstNet)

4. Cloud & "Fog" Computing Services

Rich Frazier
Senior Technology Advisor,
Federal Geographic Data Committee

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NGAC 2016 Subcommittees

Standards Coordination Subcommittee

❖Membership: Carl Reed (chair), Gen. William Reddel (vice-chair), Talbot Brooks, Xavier Irias, Harvey Thorleifson, Frank Harjo

❖Task: Provide advice on greater adoption and utilization of standards resulting in enhanced interoperability of geospatial data, services, and systems. Provide recommendations on collaboration with voluntary standards organizations to enhance the implementation and uptake of endorsed standards.

Landsat Advisory Group

❖Membership: Joanne Gabrynowicz (chair), Frank Avila (vice-chair), Roger Mitchell, Rebecca Moore, (additional non-NGAC members)

❖Task: 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.

3DEP/OWDI Update

Update from USGS on 3DEP and Open Water Data Initiative – both FGDC Priorities

NGAC has provided input on both initiatives over several years.

Action: USGS will ask for NGAC comments and feedback on 3DEP multi-year plan at September NGAC meeting

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NSDI/Transition Planning

Discussion Questions

What are the high priority geospatial initiatives in which the federal government could participate with the greater geospatial community to advance the development of the NSDI?

How can we reach out to the broader geospatial community to engage in the process? How do we make this relevant to those outside of the federal community?

What are the key messages to the incoming administration regarding the impact of the geospatial community? What can we do to help achieve the administration's priorities?

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Lightning Talks

❖ **Overview of USMC Geographic Intelligence Specialist Series** Talbot Brooks/Matt Paez

❖ **NC Flood Inundation Mapping and Alert Network (FIMAN)** – Gary Thompson

❖ **Have We Mitigated Known Cross-Sector Interdependencies?** Xavier Irias

❖ **Cross-Agency Sharing of Government Data Using AGOL Groups** – Gen. William Reddel/Col. Mike Domingue

❖ **3D Point Clouds** – Jack Hild

❖ **Saving the World One Grid at a Time** – Talbot Brooks

❖ **David Rumsey Map Center Grand Opening** – Julie Sweetkind-Singer

Next Steps

Subcommittees provide status updates and draft reports at September NGAC meeting

Final action on subcommittee products at December webinar meeting.

Next NGAC meetings:

❖ Sept 27-28 (NCTC – Shepherdstown)

❖ December webinar meeting (date TBD)

CG and SC Monthly Membership

❖ Susan Sullivan is the new Senior Agency Official for Geospatial Information (SAOGI) for the Department of Veterans for Affairs replacing Dat Tran.

❖ Gita Urban-Mathieux is the new Coordination Group Primary member for U.S. Geological Survey, and Glenn Guempel serves as the CG Alternate.

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

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Coordination Group Meeting Dates

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

- *August 9, 2016 – Kiowa Room*
- September 13, 2016
- October 11, 2016
- November 8, 2016
- December 13 , 2016

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

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FGDC Business Update

2014 GAO Engagement

NGDA Management Plan Activities

Doug D. Nebert Award

COGO – Opportunities for Collaboration

FGDC Leaders Forum

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 agree on:
      - Creation of Address Data Theme
      - Co- Leadership role of Address Data Theme by DOT and Census Bureau
      - DOT and Census will continue with pilot efforts
      - Subcommittee/Work Group will be created to support the efforts
    - Further ExCom Discussion on:
      - NAD governance model

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NGDA Management Plan - Current Activities

❖ LMA Performance Dashboard Available

- http://dashboard.geoplatform.gov (login required)

❖ Dataset and Theme Summary Reports Available

- http://www.fgdc.gov/ngda-reports/NGDA_Datasets.html

❖ 2015 NGDA Lifecycle Maturity Assessment Report

- Initial comments adjudicated – next CG has opportunity to review
- Anticipate completion by Steering Committee meeting in September

❖ NGDA MP Evaluation Project

- Version 1 in progress
- August Theme Lead Meeting will prep for Aug. CG meeting discussion
- Anticipate completion date in September

❖ NGDA Collaboration Community (NCC)

- July release

NGDA Management Plan - Current Activities

❖ June 23 Theme Lead meeting

- Presentations on Service Status Checker and GeoPlatform
- Theme Lead updates on Strategic Theme Plans

Theme Name	Status	Theme Name	Status
Biodiversity and Ecosystems	On Track	Imagery*	On Track
Cadastre*	On Track	Land Use Land Cover	Completed
Climate and Weather	Completed	Real Property	Need Status
Cultural Resources	Completed	Soils	Extension
Elevation*	Extension	Transportation*	Completed
Geodetic Control*	Completed	Utilities	On Track
Geology	Completed	Water Inland*	Completed
Governmental Units*	Completed	Water Oceans and Coasts*	Extension

Indicates framework Theme

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Theme Implementation Plans

Theme Implementation Plans need to be developed for Strategic Plans

❖ Initial focus on 8* Framework Theme reports by Dec. 31, 2016

❖ Other Themes will develop as part of next NSDI Strategic Plan

❖ Develop Theme Implementation Plan (TIP) Template. Consider: existing Plans, OMB Circular A - 1 -16 requirements and GAO topics

- The development of partnership programs with states, tribes, academia, the private sector, other federal agencies, and localities that meet the needs of users;

- Human and financial resource needs;

- Standards, metadata, and the clearinghouse needs; and

- A timetable for the development for the Theme

❖ Organize Theme Lead meeting to discuss template and content

* 7 framework themes, water split in inland and oceans and coasts

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Theme Name Change

❖ Biota Theme is now the Biodiversity and Ecosystems Theme

❖ Approved at June 16, 2016 Steering Committee meeting with concurrence from OMB

❖ OMB Circular A–16 Supplemental Guidance Appendix E has been updated (http://www.fgdc.gov/policyandplanning/a-16/index_html)

❖ Additional changes will be seen on web pages and associated documents

For more information contact:
Marcia McNiff
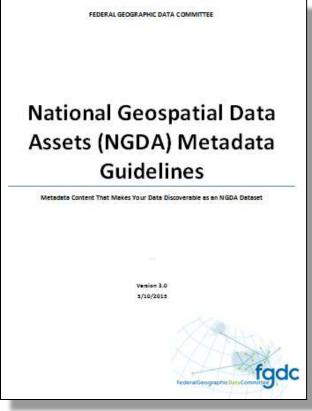USGS – Biodiversity and Ecosystems Theme Lead
mmcniff@usgs.gov

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NGDA Web Services and Metadata Project

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

❖ Updated NGDA Metadata Guidelines

- Geospatial Web Services and Data Download Content Tags
  - CSDGM
  - ISO
  - Project Open Data/JSON

❖ Working with agencies to establish web services and update metadata

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National Geospatial Data Assets (NGDA) Metadata Guidelines

Metadata Content That Makes Your Data Discoverable as an NGDA Dataset

Version 3.0
5/10/2015

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FederalGeographicDataCommittee

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NGDA Inventory Updates

❖ Theme Lead Changes

- USGS will be designating a Imagery Theme Co-lead soon
- Soils Theme Lead
  - Jennifer Sweet, NRCS (jennifer.sweet@ftw.usda.gov)acting Theme Lead through August 5, 2016

❖ Dataset Manager Changes

NGDA Dataset	New Dataset Manager	Previous Dataset Manager
Bailey's Ecoregions And Subregions Of The United States, Puerto Rico, And The U.S. Virgin Islands	David Rugg Forest Service drugg@fs.fed.us	Robert Bailey Forest Service (partially retired)
NGDC Marine Trackline Geophysics Database	Brian Meyer NOAA Brian.meyer@noaa.gov	John Campagnoli NOAA (retired)

Points of Contact

What	Who
NGDA Activities	Jen Carlino, jcarlino@usgs.gov; NGDA Team, ngdateam@fgdc.gov
Geoplatform.gov – Login registration and NGDA A-16 Theme Community and NGDA Collaboration Community pages	Jen Carlino (Federal Sponsor), jcarlino@usgs.gov; GeoPlatform Service Desk, servicedesk@geoplatform.gov
Geoplatform.gov – Theme Community pages	Managed by Theme Leads Support - GeoPlatform Service Desk, servicedesk@geoplatform.gov

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NGDA Management Plan

Additional Slides

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
	Coordination Group support development of Theme Strategic Plans and Theme Implementation Plans	Coordination Group	Plans are due 6/30/16
	Coordination Group support development of Theme Implementation Plans	Coordination Group	Plans are due for framework themes 12/31/16

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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.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
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
Action 2B.1: Complete and Submit NGDA Theme Strategic Plan	Coordination Group support Theme Leads developing plans	Coordination Group	Due June 30

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2016 Doug D. Nebert NSDI Champion of the Year Award

❖ On July 7th, Jennifer Gimbel announced that the recipient of the 2016 Doug Nebert NSDI Champion of the Year Award is the "Oak Ridge National Laboratory Distributed Active Archive Center" (ORNL DAAC) MODIS team.

   ❖ They are recognized for their "innovation, persistence, and creativity in the development of the MODIS tools.

   ❖ MODIS tools provide summaries of selected MODIS Land Products in an easy to use file format through an intuitive user interface.

   ❖ Detailed information posted on the FGDC Website.

COGO - Opportunities for Collaboration

Establish a collaborative effort between FGDC and COGO to:

1. Met with COGO as Esri IUC to discuss collaboration

2. COGO invited to NSDI Leader's Forum (7/26/16)

3. Align efforts on COGO Report Card and NGDA portfolio management

4. Develop complementary metrics processes

5. Align Report Card and NGDA processes to support shared goals identified through NSDI strategic planning process

6. Promote communication and outreach to convey the critical importance of geospatial data and services, using credible data based on consistent metrics

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FGDC Leaders Forum

❖ **When**: Tuesday, July 26th

❖ **Where**: Main Interior Building-South Penthouse Conference Room (invitation only)

❖ **Target Audience**: Leaders of Geospatial associations and key stakeholders

❖ **Purpose**: Receive input from non-federal sector leadership on the development of the strategic framework to improve the coordination and management of the Nation's geospatial assets, and guide the further development of the National Spatial Data Infrastructure (NSDI)

FGDC Leaders Forum Agenda

Draft Agenda	
Tuesday, July 26 – MIB – South Penthouse Conference Room	
10:00	Start-up & Context Setting
10:15	Overview of the NSDI Strategic Framework Initiative
10:30	Federal vs. National Approach & The Value of the NSDI
11:00	Value Distribution - Redefining Roles and Responsibilities
11:45	Lunch
1:00	A New Vision for the Future – What will it look like?
2:30	Break
2:50	Developing a Shared Direction and Priorities
3:30	Agreements, Actions, and Next Steps
4:00	Adjourn

Standards Update
to Coordination Group

July 12, 2016

Julie Binder Maitra
FGDC OS
Phone: 703-648-4627
Email: jmaitra@usgs.gov
Linkedin: www.linkedin.com/in/juliebindermaitra

Topics

- Upcoming CG ballots
    - INCITS/ISO 19115-1:2014[2014]
    - INCITS/ISO 19157:2013[2014]
    - Draft revised FGDC Standards WG charter
- Standards update workbook
- Standards Related Events

CG approval of INCITS/ISO standards

At its May 25, 2016 meeting, the FGDC Standards WG recommended the following standards for FGDC endorsement:

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

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

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CG approval of draft revised SWG charter

- The latest FGDC Standards WG charter, which is published at http://www.fgdc.gov/standards/organization/FGDC-SWG/SWG_Charter.pdf, dates back to the 1990s.

- Much of the content is still relevant, and is carried over to the draft revised FGDC Standards WG charter

- The draft revised charter:

  - cites more recent authorities;

  - contains a bibliography of works cited; and

  - references initiatives such as the Geospatial Platform, NSDI Strategic Plan and the National Geospatial Data Asset (NGDA) management plan

Standards Update

- The benefit and use of the standards tracking workbook is being evaluated

- The standards tracking workbook (Excel) has been maintained since February 2011. The March 2016 version is available at https://www.fgdc.gov/standards/monthlyStandardsUpdate/2016-03/2016-03-standards-update.xlsx/view

- The standards tracking workbook covers over 300 standards from FGDC, INCITS Technical Committee L1, ISO Technical Committee 211, OGC, and other standardization activities.

- There is a worksheet for each year, and within each worksheet, there are columns to track standards over the months.

- The effort is very time-intensive, due to the amount of information reviewed, collected, and corroborated.

Standards Update

❖ FGDC OS is asking for input from the CG and any of their agency staff working with standards.

> ❖ Please provide responses to Julie Binder Maitra, jmaitra@usgs.gov

Questions:

❖ Is your agency aware of the standards update resource?

❖ Does your agency download it?

❖ How have you used it?

❖ Do you have suggestions for improving its use/effectiveness?

Standards Related Events

Month/day	Event	URL
July		
07/06	INCITS L1/U.S. TAG	http://www.incits.org/committees/l1
07/12	**CG**	http://www.fgdc.gov/site-events/cg-july-2016
07/13	ISO Metadata Implementation Forum	https://www.fgdc.gov/metadata/events/iso-geospatial-metadata-implementation-forum/2016/iso-forum-july-2016
07/21	GWG Geospatial Web Services Focus Group	http://www.gwg.nga.mil/GWS.php
August		
08/09	**CG**	http://www.fgdc.gov/site-events/cg-august-2016/
08/10	ISO Metadata Implementation Forum	http://www.fgdc.gov/metadata/events/iso-geospatial-metadata-implementation-forum/2016/iso-forum-august-2016
September		
09/13	**CG**	http://www.fgdc.gov/site-events/cg-september-2016
09/14	FGDC Metadata WG	
09/19-23	OGC #OGCtcOrlando2016	http://www.opengeospatial.org/event/1609tc
09/26-30	INSPIRE Conference 2016	http://inspire.ec.europa.eu/events/conferences/inspire_2016/
09/30	INCITS L1/U.S. TAG	http://www.incits.org/committees/l1

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Back-up slides

INCITS/ISO 19115-1:2014[2014]

- 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

INCITS/ISO 19157:2013[2014]

- Establishes principles for describing quality of geographic data; defines components; specifies components and content structure of a register for data quality measures; describes general procedures for evaluating data quality; and defines data quality measures for evaluating and reporting data quality.

- Applies to data producers who provide quality information to assess how well a data set conforms to its product specification and data users who determine whether specific geographic data are of sufficient quality for their particular application.

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

INCITS/ISO 19157:2013[2014]

- 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.

Questions???