

Coordination Group Meeting FGDC Business Report Update

Ken Shaffer

Deputy Executive Director

*Federal Geographic Data
Committee*

November 8, 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, FGDC OS

Read ahead: FGDC Business Highlights

❖ Metadata Working Group Report

Contact: Jen Carlino, FGDC

Read ahead: Metadata Working Group Report

❖ National Boundaries Group

Contact: Laura Waggoner, U.S. Census Bureau

Read ahead: NGB Status Report and Federal Lands Workgroup Fact Sheet

❖ Proposal to Remove the USGS Structures Dataset from the NGDA

Portfolio

Contact: Bob Pierce, USGS

Read ahead: Structures Datasets as NGDAs

❖ NSDI Strategic Framework

Contact: John Mahoney, FGDC OS

Read Ahead: Strategic Planning Update

❖ Other Agency Announcements



Committee's Decisions Summary

- ❖ The FGDC approved the NGDA Address Theme in August 2016. The theme lead Agencies are the Department of Transportation and the Department of Commerce, U.S. Census Bureau.
 - ❖ A large component of the Address Theme will be a National Address Database. In September 2016, the Department of Transportation completed a [National Address Database pilot project](#) that included identifying a minimum data content guideline and examining approaches to assist counties that haven't previously had electronic address data.

Committee's Decision Summary

- ❖ On September 21st, the Steering Committee approved the Architecture and Technology Working Group, and the Standards Working Group charters.

Committee's Decision Summary

- ❖ On September 29th, FGDC awarded the first 2016 Doug D. Nebert NSDI Champion of the Year Award to “Oak Ridge National Laboratory Distributed Active Archive Center” (ORNL DAAC) MODIS team.
- Camille Touton, Kevin Gallagher, and Ivan DeLoatch presented the award to: Suresh Kumar, Makhan Viridi, and Robert Cook
- Doug Nebert's parents; Myrna and Robert Bernstein were also in attendance



From left to right: Myrna and Robert Bernstein, and the ORNL DAAC Modis Team.

CG and SC Monthly Membership Changes

❖ No changes this month

Steering Committee

- ❖ The FGDC Steering Committee met on September 29th at the South Interior Auditorium, Washington DC. Agenda Topics
 - FGDC Business Activities
 - NSDI Strategic Plan Framework Dialog
 - National Address Database (NAD)
 - NGAC Meeting Summary
 - NGDA Water - Oceans and Coasts Theme Report
 - Geospatial Platform Update
 - USDA Data Management Policy Approach
 - Doug D. Nebert NSDI Champion of the Year Award

Executive Committee

- ❖ The Executive Committee met on October 27 at the Main Interior Building. Discussion summary:
 - ❖ 2016 FGDC Annual Report
 - The annual report is important tool that will demonstrate FGDC accomplishments to transition teams and the new administration.
 - ❖ Transition Strategy
 - A transition recommendation paper and info graphics is in development.
 - ❖ NSDI Strategic Framework Outline
 - Core Team developed an outline paper. ExCom provided initial comments, and will provide further suggestions by November 3rd.
 - ❖ FGDC Interim Leadership
 - FGDC Chair, Camille Touton, DOI will designate an interim FGDC Chair until a permanent Chair is identified by DOI in the new Administration.
 - Tod Dabolt, DOI, Geospatial Information Officer will be the interim Chair.

NGAC Activities

- ❖ December 14 NGAC Webinar Meeting (12:30 - 4:00 p.m. EST)
 - Contact Lucia Foulkes lfoulkes@usgs.gov to register
- ❖ Topics - Subcommittee Papers (finalize at Dec. meeting):
 - Emerging Technologies
 - Policy Framework
 - Standards Coordination
- ❖ NGAC leadership developing transition recommendations
- ❖ NGAC Appointments
 - New NGAC appointments to be finalized by early January 2017

Coordination Group Meeting Dates

❖ 2016 CG Meeting Calendar available on FGDC website

- December 13 , 2016



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

FGDC Business Update

2014 GAO Engagement
NGDA Management Plan Activities
Geospatial Platform Release 6
2016 FGDC Annual Report
FGDC Standards Update

2014 GAO Engagement – Actions Status

- ❖ 2015 GAO report FGDC actions (3 remaining)
 - ❖ Create address data theme and associated subcommittees and working groups to further a national address database
 - Status: DOT and Census are identifying subcommittee members
 - ❖ FGDC OS responded to some recent GAO questions on the meaning of certain metadata fields in the Data.gov records

National Geospatial Data Asset (NGDA) Portfolio Management

Jen Carlino

FGDC OS

November 8, 2016



NGDA Portfolio Management - Current Activities

- ❖ NGDA MP Evaluation Project
 - ❖ Adjudicating comments
 - ❖ Release final report to NSDI Strategic Plan framework team
- ❖ Web Services and Metadata Project
 - ❖ 74 web services identified, many more in progress
- ❖ Theme Implementation Plans
 - ❖ Template completed
 - ❖ Framework Themes due by 12/31/16
 - ❖ Theme Lead meetings to discuss Nov (week of 14th), 12/6

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

* Indicates A-16 Framework Theme

NGDA Portfolio Management - Current Activities

- ❖ 2015 Lifecycle Maturity Assessment Analysis Report
 - ❖ Anticipate final review by CG and Theme/Dataset Leads this month
- ❖ 2017 Lifecycle Maturity Assessment
 - ❖ Initial activities starting
 - ❖ Establish a core team to develop LMA based on 2015 feedback
 - ❖ Anticipate release in spring 2017 for Dataset Managers to complete before end of fiscal year

NGDA Inventory Updates

❖ Theme Lead Changes

NGDA Theme	New Theme Lead	Previous Theme Lead
Water - Inland	Rebecca Anderson, USGS rdanderson@usgs.gov	Al Rea, USGS
Utilities - Offshore	Jeff Harris, Bureau of Safety and Environmental Enforcement (BSEE)	Warren Williamson, BSEE

❖ Dataset Manager Changes

NGDA Dataset	New Dataset Manager	Previous Dataset Manager
Airports	Terry Rhea, FAA Terry.L.Rhea@faa.gov	Abigail Smith, FAA
Runways	Terry Rhea, FAA Terry.L.Rhea@faa.gov	Abigail Smith, FAA

❖ Proposal to remove USGS Structures Dataset, Bob Pierce

GeoPlatform.gov Release 6 – 9/30/16

The Technical Team promoted the R6 release of GeoPlatform.gov to the Production environment in the DOI Cloud. New services and enhancements included the following:

❖ (NEW!) Dataset Search

- Replaces the legacy Drupal CKAN Search Module
- Faster performance, better reliability, and fixes multiple search restrictions and bugs when searching Data.gov Catalog

❖ Performance Dashboard

- (NEW!) Service Dashboard for enhanced reporting and monitoring of web services
- Updated UI for LMA Dashboard
- Integrated with new RegP technology and new FGDC Service Status Checker

❖ (NEW!) CMS Core Bundle

- Re-usable WordPress-based CMS with templates and tools for building new GeoPlatform Community sites and hosting other customized content and capabilities.

GeoPlatform.gov Release 6 (cont'd)

- ❖ (NEW!) Geospatial Interoperability Reference Architecture (GIRA) subsite
 - Built and deployed using the "CMS Core Bundle"
- ❖ GeoPlatform Landing Page
 - Updated UI, "Featured" cards, and FAQ content
- ❖ Map Viewer
 - Improved Search; now returns partials; updated NGDA layers
- ❖ Marketplace
 - Updated UI for adding projects and data layers
- ❖ Map Manager
 - Users can no longer create a gallery with the same name as an existing gallery.

GeoPlatform.gov Release 6 (cont'd 0)

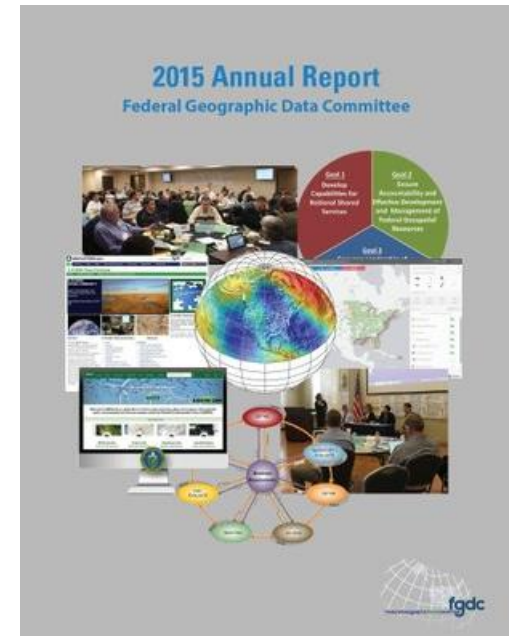
- ❖ New YouTube tutorials, awaiting final approval and configuration in the FGDC YouTube channel before making this public and accessible from the GeoPlatform. Stay tuned for these!

- ❖ The GeoPlatform registry for new/renamed NGDA Datasets and the associated NGDA Service resources were updated last week. These should now be in the FGDC Service Status Checker and being reported in the Service Dashboard.

FGDC 2016 Annual Report

- ❖ Draft in editing phase
- ❖ Digital (.pdf) version anticipated by mid-December
- ❖ Printed copies in January

Thank you! to all agency members for submission of their content



Geospatial standards

As presented to the
FGDC Coordination Group on
November 8, 2016



Julie Binder Maitra
FGDC Standards Coordinator
FGDC OS

Topics

- ❖ FGDC Coordination Group approval of INCITS/ISO standards
- ❖ FGDC Standards WG charter
- ❖ OGC metadata and catalog services
- ❖ ISO 19115-3:2016
- ❖ ISO 19157 data quality standards
- ❖ Standards tracking workbook
- ❖ Standards-related events
- ❖ Questions and contact information

CG approval of INCITS/ISO standards

- ❖ CG ballot to approve INCITS/ISO 19115-1:2014[2014], Metadata - Part 1: Fundamentals, and INCITS/ISO 19157:2013[2014], Data quality, for FGDC endorsement closed on September 20.
- ❖ CG Voting results: 7 yes; 0 no; 0 abstain; 23 not voting.
- ❖ The two standards and CG voting results have been submitted for final endorsement by the FGDC Steering Committee.

FGDC Standards WG charter

- ❖ The Steering Committee endorsed charters for:
 - ❖ FGDC Architecture & Technology WG,
<https://www.fgdc.gov/organization/working-groups-subcommittees/atwg/charter.pdf>
 - ❖ FGDC Standards WG,
https://www.fgdc.gov/standards/organization/FGDC-SWG/SWG_Charter.pdf

OGC metadata and catalog services

- ❖ The OGC Technical Committee (TC) vote to update *OGC Abstract Specification Topic 11: Metadata* from ISO 19115:2003 to ISO 19115-1:2014 – passed.
- ❖ The OGC Planning Committee subsequently passed the update of OGC Abstract Specification Topic 11.
- ❖ The TC vote to recommend approval of the CAT 3.0 Executable Test Suite passed.

ISO 19115-3:2016

- ❖ At its September 30 meeting, INCITS L1 recommended adoption of ISO 19115-3:2016, Geographic information -- Metadata -- Part 3: XML schema implementation for fundamental concepts as an American National Standard (ANS).
- ❖ The INCITS Executive Board will vote on the INCITS L1 recommendation.

ISO 19157 data quality standards

- ❖ ISO 19157:2013/CD Amd 1, Geographic information - Data quality – Amendment 1: Describing data quality using coverages
 - ❖ adds a method for describing the data quality of geographic information using a coverage geospatial type.
 - ❖ Review of ISO 19157:2013/CD Amd 1 by ISO/TC 211 members closed on November 3
- ❖ ISO 19157-2, Geographic information -- Data quality -- Part 2: XML schema implementation, is under ISO publication

Standards tracking workbook

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

Publication is announced through:

- ❖ Mailing lists – INCITS L1 and FGDC Standards WG
- ❖ LinkedIn Groups
 - ❖ OGC (9682 members)
 - ❖ ISO/TC 211 (227 members)
 - ❖ FGDC Standards WG (22 members)
- ❖ CG meetings
- ❖ Web statistics reflect very limited access.

Standards tracking workbook

The FGDC Standards Coordinator requests comments on the standards tracking workbook from people working with standards. Questions:

- ❖ Has your agency downloaded it?
- ❖ How has your agency used it?
- ❖ Do you have suggestions for improving its use/effectiveness?

Send your responses to:

Julie Binder Maitra, FGDC Standards Coordinator.

Phone: 703-648-4627,

Email: jmaitra@usgs.gov,

Web: www.fgdc.gov/standards

Standards related events

Year	Month	Date(s)	Event	Location
2016	November	11/07-11/11	ISO/IEC JTC1 Plenary	Lillehammer, Norway
		11/08	CG	
		11/15	INCITS L1/U.S. TAG	
		11/17	GWG Geospatial Web Services Focus Group	Chantilly, Virginia
		11/28-12/02	ISO TC 211 Plenary and meetings	Redlands, California
	December	12/04-12/08	OGC #OGC16tcTaichung	Taichung, Taiwan
		12/13	CG	
TBD		FGDC Standards WG		
2017	March	03/20-03/24	OGC #OGC17tcDelft	Delft, The Netherlands
	June	06/26-06/30	OGC #OGC17stjohns	St. John's, Newfoundland, Canada

Questions and contact information

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FGDC Standards WG: <https://www.linkedin.com/groups/8243676>

Questions???

