

Coordination Group Meeting FGDC Business Highlights*

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*Federal Geographic Data
Committee*

April, 12, 2016



*From the detailed monthly business report

Committee's Decisions Summary

- ❖ The Steering Committee endorsed the “*Geospatial Investment Definitions for Tracking and Reporting Geospatial Investment Costs*” document.
- ❖ An Executive Committee Meeting will be scheduled to discuss the GAO response in connection to the National Address Database, and the creation of an Address Theme. The goal is to obtain consensus and to develop a joint strategy to further a National Address Database.
- ❖ The Proposal to change the name of the “Biota” NGDA Theme to “Biodiversity and Ecosystems” was presented to the Steering Committee. Next steps in the process include:
 - The Coordination Group will vote on their recommendation for Steering Committee endorsement of the change.
 - The Steering Committee will vote which will include concurrence with OMB as the FGDC Vice Chair.

Committee's Decisions Summary

- ❖ The CG Chair discussed the public release of the of the NGDA Dashboard in near future
 - ❖ Steering Committee members were encouraged to review and become familiar with the content of the dashboard and the supporting reports from their agency
 - ❖ The Steering Committee members raised not objections to this plan of action

Steering Committee

- ❖ The meeting was held on Friday, April 8, at the South Interior Auditorium. Topics discussed:
 - Geospatial Platform Update
 - Biota Theme Report
 - National Address Database
 - NGAC Meeting Summary
 - Survey for Data Acquisition Vehicles
 - Evaluation of the NSDI Strategic Plan, and NGDA Management Plan

- ❖ Meeting Materials available at [SC Meeting Materials April 08](#)



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

CG and SC Monthly Membership

❖ Coordination Group: No changes this month



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

Coordination Group Meeting Dates

❖ 2016 CG Meeting Calendar available on FGDC website

- May 10, 2015 – Rachel Carson
- June 7, 2015
- July 12, 2015
- August 9, 2015
- September 13, 2015
- October 11, 2015
- November 8, 2015
- December 13, 2015



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

Coordination Group Meeting Agenda Development

- ❖ CG members input into developing monthly agenda
 - ❖ Topics of interest
 - ❖ Potential guest speakers
 - ❖ Opportunities to address work items – NGDAMP, NSDI Strategic actions, CG tasks
 - ❖ CG activities and roles
 - ❖ Discussion on key topics – NAD, GeoPlatform, Metadata, services
 - ❖ ...

FGDC Business Update

2014 GAO Engagement

NGDA Management Plan Activities

2015 FGDC Annual Report

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

NGDA Management Plan - Current Activities

❖ Biota Theme

- Marcia McNiff presented to Steering Committee April 8
 - Proposed renaming to Biodiversity and Ecosystems Theme
 - Reorganize Biota and Land Use – Land Cover NGDAs
 - SC – no SC members were opposed

❖ NGDA MP Evaluation Project

- Posted Feb. 25 Theme Lead meeting summary on TLCC
- Distribute NGDA Evaluation Survey to NGDA community in April
- Assess completion status of current NGDA MP actions

❖ Theme Strategic Plans

- Due June 30, 2016
- Coordinating with several Theme Leads

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)
- Anticipated release May 2016 with GeoPlatform Release 4

❖ Theme Administrative Assessment

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

NGDA Management Plan - Current Activities

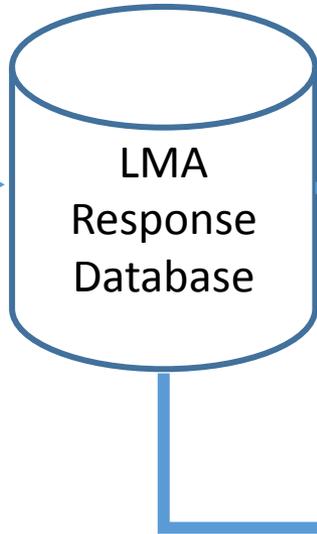
- ❖ Analyzing NGDA Lifecycle Maturity Assessment results
 - Anticipated report around April 30
- ❖ Final Dataset and Theme Summary reports
 - Posted internally on Theme Lead Collaboration Community
 - Theme Leads sharing with agencies and Steering Committee members
- ❖ LMA Performance Dashboard
 - Posted internally on Theme Lead Collaboration Community
 - SC members concurred with making the dashboard public
- ❖ Theme Lead Meeting
 - Will schedule for April/May timeframe

LMA, Performance Dashboard, and Reports

Performance Dashboard: GeoPlatform.gov

NGDA Reports: Dataset and Theme Summary

LMA Questions



GeoPlatform.gov Performance Monitoring Dashboard

Dataset	General	Define	Inventory	Obtain	Access	Maintain	Use	Archive	Overall	Theme
Agency Rollup	45%	55%	55%	45%	55%	45%	45%	45%	45%	
1 meter Digital Elevation Models (DEM) - USGS National Map	45%	55%	55%	45%	55%	45%	45%	45%	45%	Elevation
1/3rd Arc-second Digital Elevation Models (DEM) - USGS National Map	45%	55%	55%	45%	55%	45%	45%	45%	45%	Elevation
1 meter Alaska Digital Elevation Models (DEM) - USGS National Map										
Geographic Names Information System (GNIS)	45%	45%	55%	55%	55%	55%	55%	55%	45%	
Global Multi-Resolution Terrain Elevation Data - National Geospatial Data Asset (NGDA)	55%	55%	55%	55%	55%	55%	55%	55%	55%	
LandSat 4-8 Multispectral Scanner (1982-1992)	55%	55%	55%	55%	55%	55%	55%	55%	55%	
LandSat 4-8 Thematic Mapper (1982 - present)	55%	45%	55%	55%	55%	55%	55%	55%	55%	
LandSat 7 Enhanced Thematic Mapper - Scan Line Corrector OR (ETM SL-Corr) (2003-present)	45%	55%	55%	45%	55%	55%	45%	55%	55%	
Lidar Point Cloud - USGS National Map	45%	55%	55%	45%	55%	45%	45%	45%	45%	
National Hydrography Dataset (NHD)	55%	55%	55%	55%	55%	55%	55%	55%	55%	
National Land Cover Database (NLCD) Land Cover Collection	45%	55%	55%	45%	55%	45%	45%	45%	45%	
National Land Cover Database (NLCD) Percent Developed Imperviousness Collection	55%	55%	55%	55%	55%	55%	55%	55%	55%	
National Land Cover Database (NLCD) Percent Tree Canopy Collection	55%	55%	55%	55%	55%	55%	55%	55%	55%	
North American Land Change Monitoring System (NALCMS) Collection	55%	55%	55%	55%	55%	15%	45%	55%	45%	
Protected Areas Database of the United States (PADUS) - Combined Version 1.3	55%	55%	55%	55%	55%	15%	45%	55%	45%	
Shuttle Radar Topography Mission (SRTM)	55%	55%	55%	55%	55%	45%	55%	55%	55%	
Terrestrial Ecosystems of the Conterminous United States	45%	45%	55%	45%	55%	25%	55%	55%	45%	
U.S. Geological Survey Gap Analysis Program Species Distribution Models	45%	45%	55%	45%	45%	15%	45%	25%	35%	
U.S. Geological Survey Gap Analysis Program Species Ranges	45%	45%	55%	45%	45%	15%	45%	25%	35%	
USGS National Geologic Map Database Collection	55%	45%	55%	45%	55%	45%	45%	45%	45%	
USGS National Structures Dataset	45%	55%	55%	45%	55%	55%	55%	55%	45%	
Watershed Boundary Dataset (WBD)	55%	55%	55%	55%	55%	55%	55%	55%	55%	

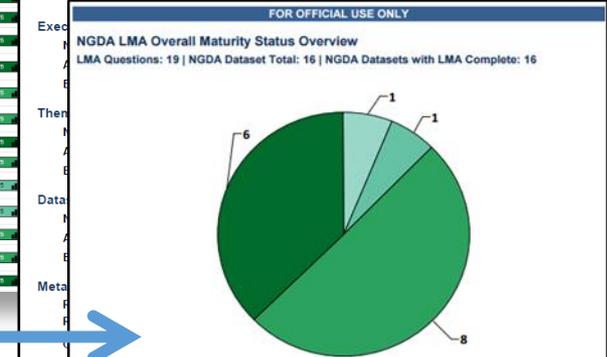
FOR OFFICIAL USE ONLY

NGDA Dataset Report

Official NGDA Title: Bailey's Ecoregions And Subregions Of The United States, Puerto Rico, And The U.S. Virgin Islands - Direct Download

Metadata Record Title: Bailey's Ecoregions And Subregions Of The United States, Puerto Rico, And The U.S. Virgin Islands - Direct Download

A-16 NGDA Theme: Biota



NGDA Dataset Maturity Definitions

Detailed LMA Questions: https://www.geoplatform.gov/sites/default/files/NGDA_MP_LMA_Tool.pdf

How To Calculate Maturity: https://www.geoplatform.gov/sites/default/files/how_to_calculate_maturity.pdf

Maturity	Maturity Characteristics for All Lifecycle Stages
Optimized, Established Rank = 5	Dataset meets virtually all business needs of all users. The dataset is considered authoritative by owners and secondary users. It is curated across all stages of the approved lifecycle. Future needs are defined on a regular basis and resources for addressing both current and future business requirements are available.
Mature, Consistent Rank = 4	Dataset meets all the business needs of the primary owner and most of the secondary users. The dataset is curated and used as authoritative by the primary owner. Dataset is used widely by secondary users actively engaged in sustaining the dataset. Future needs are identified and steps are planned to address these. All stages are supported and managed on a recurring basis. The dataset is well managed in relation to the approved lifecycle.
Managed, Predictable Rank = 3	Dataset meets a significant number of the business needs of the primary owner and is widely used as an authoritative resource by secondary users. Benchmark activities are occurring in at least four of the approved lifecycle stages. Management practices in relation to the approved lifecycle is moderate but consistent. Dataset is integrating changing business requirements in lifecycle stage impacting overall maturity.
Transition, Transformation Rank = 2	Dataset meets business needs of the primary owner and has moderate use by secondary users. Benchmark activities are occurring in at least three stages. Efforts to integrate funding, include partners, and obtain data are not supported in a sustained manner. Management practices in relation to the stages of the approved lifecycle is limited.
Planned, Initial Development Rank = 1	Dataset limited in meeting business needs of the primary owner. Benchmark activities in the approved lifecycle are just starting to consider secondary users, partnerships are forming to support additional dataset users. Dataset development is in an early stage. Minimal or limited management against the benchmarks in the approved lifecycle.
No Activity Rank = no activity	Dataset meets project or local business needs of the primary owner, secondary or additional users or users were not considered, not recognized as an authoritative data or is part of a similar dataset. Not managed to any of the benchmarks in the approved lifecycle.

Created: 2016/01/15 Theme Summary of the NGDA LMA | 2



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 - April 2016
- ❖ **LMA Reports and Dashboard to go public with GeoPlatform Release 4 - May 2016**

March NGDA Inventory Updates

❖ Theme Lead Changes

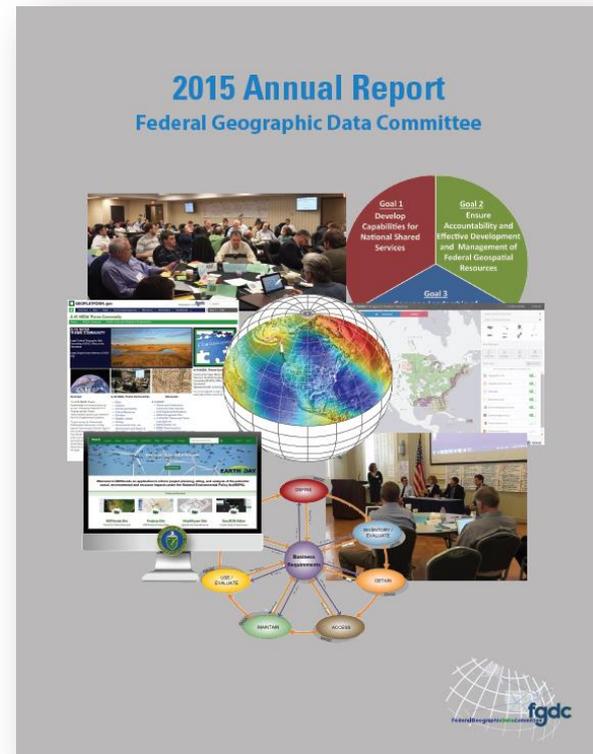
NGDA Theme	New Theme Lead	Old Theme Lead
Water - Inland	Megan Lang Fish and Wildlife Service megan_lang@fws.gov	Bill Wilen Fish and Wildlife Service

❖ Dataset Manager Changes

- None

2015 Annual Report

- ❖ Report complete
- ❖ Softcopy report posted at www.fgdc.gov/library/whitepapers-reports/annual-reports
- ❖ Hard copy is available
- ❖ Contact:
Gita Urban-Mathieux
burbanma@usgs.gov



Doug D. Nebert NSDI Champion of the Year Award

❖ Nominations open until May 6

- www.fgdc.gov/nebertaward
- ❖ Eligibility: Individual or team representing Federal, State, Tribal, regional, and (or) local governments, academia, or nonprofit and professional organizations
- ❖ Development of an innovative and operational geospatial tool, application, or service capability used by multiple organizations
- ❖ First award - Summer of 2016
- ❖ Contacts:
 - Gita Urban-Mathieux, burbanma@usgs.gov
 - Eldrich Frazier, efrazier@usgs.gov



Standards Update

- ❖ Address Data Standard
- ❖ Standards in queue
- ❖ Monthly standards update
- ❖ INCITS L1 and ISO TC 211 officers
- ❖ Events
- ❖ Calendar



Address Data Standard

United States Thoroughfare, Landmark, and Postal Address Data Standard (Address Data Standard)

- ❖ Public review ends **April 25, 2016**
- ❖ Federal Register notice, <https://federalregister.gov/a/2016-01337>, provides information and instruction for submitting comments



Standards in the queue

- ❖ [ISO 19115-1:2014](#) Geographic information -- Metadata -- Part 1: Fundamentals
- ❖ ISO 19110:2005/[Amd 1:2011](#) Feature Catalogue Encoding Annex E
- ❖ [ISO 19157:2013](#) Geographic information -- Data Quality
- ❖ Concurrent withdrawal of superseded standards that the FGDC has endorsed.



Standards in the queue – following publication

❖ [ISO/DTS 19115-3](#) Geographic information -- Metadata -- Part 3: XML schema implementation of metadata fundamentals

- ISO/TC 211 secretariat to forward the final text of 19115-3 to the ISO Central Secretariat for publication.
- Limit date for publication: June 26, 2016

❖ [ISO 19157-2](#) Geographic information -- Data Quality Part 2: XML Schema Implementation

- Limit date for publication: May 27, 2016

Standards status log

- ❖ FGDC OS is evaluating the use of the monthly standards update: should it be continued or discontinued?
- ❖ The format of the March 2016 update was changed from .zip to .pdf to promote readability. The PDF document linked to the Excel workbook.

Standards status log

❖ Publicity

- mailing lists: FGDC Standards WG, INCITS
- LinkedIn groups: ISO/TC 211, OGC, and FGDC Standards WG

❖ Presentations

- March 7: OGC North American Forum
- March 8: CG
- March 9: FGDC Metadata WG
- March 17: GWG Geospatial Web Services Focus Group



Standards status log

- ❖ The FGDC OS is reviewing web stats
- ❖ The FGDC OS is informally surveying the geospatial community about use of the standards status log.
 - Do you use the standards status log?
 - Do you find it useful?
 - How might the FGDC make it more useful?

Events

Event	Start Date	End Date	Description	Location
ASPRS 2016 Annual Conference Imaging & Geospatial Technology Forum (IGTF) 2016	4/11/2016	4/15/2016		Fort Worth, TX
CG	4/12/2016	4/12/2016		
ANSI Free Event: Open Source, Open Standards, Open Minds	4/15/2016	4/15/2016		Washington, DC
Address Data Standard	4/25/2016	4/25/2016	Deadline for comments	
INCITS L1/U.S. TAG	4/29/2016	4/29/2016		Esri, Vienna, VA
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
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???

