

Coordination Group Meeting FGDC Business Highlights*

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*Federal Geographic Data
Committee*

September 13, 2016



*From the detailed monthly business report

Committee's Decisions Summary

- ❖ On August 8th, The Steering Committee in concurrence with OMB, approved the establishment of the NGDA Address Theme
 - Co- Leadership role of Address 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
- ❖ Official announcement to be released on FGDC website

Committee's Decision Summary

- ❖ On September 29th, FGDC will conclude the Steering Committee meeting with the 2016 Doug D. Nebert NSDI Champion of the Year Award. The award will be presented to the “Oak Ridge National Laboratory Distributed Active Archive Center” (ORNL DAAC) MODIS team. The FGDC community is invited to participate
 - Where: South Interior Auditorium
 - Attendance: Contact Lucia Foulkes to register (lfoulkes@usgs.gov)

Committee's Decision Summary

- ❖ The Steering Committee will vote to approve the Architecture and Technology Working Group, and the Standards Working Group charters. Votes are due on September 21, 2016.
- ❖ The Coordination Group will vote to recommend Steering Committee endorsement of the following standards:
 - INCITS/ISO 19115-1:2014[2014] and
 - INCITS/ISO 19157:2013[2014]
 - Votes are due on September 20th

CG and SC Monthly Membership Changes

❖ Department of Interior:

- Tod Dabolt, DOI, is the Senior Agency Official for Geospatial Information (SAOGI) replacing Jerry Johnston

❖ Department of Housing and Urban Development

- Todd McNeil has been added as the CG Member Alternate for HUD.

Steering Committee

- ❖ The FGDC Steering Committee will meet on September 29th at the South Interior Auditorium, Washington DC, from **1:00 to 3:30 p.m.**
 - ❖ 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
- ❖ To attend the meeting, register with Lucia Foulkes (lfoulkes@usgs.gov)

Executive Committee

- ❖ An Executive Committee meeting will be held on Thursday, September 22nd, to input on the NSDI Strategic Framework.

Sept 27-28 NGAC Meeting

- ❖ National Conservation Training Center, Shepherdstown, WV
- ❖ Registration required – contact Lucia Foulkes by **Sept. 20** to register
- ❖ Agenda Topics:
 - Leadership Dialogue
 - FGDC Report
 - NSDI Strategic Planning/Transition Planning
 - Emerging Technologies
 - Policy Framework
 - Standards Coordination
 - Landsat
 - Public Comment Period

NGAC Emerging Technologies Subcommittee

- ❖ Membership: Doug Richardson (chair), Sarah Battersby (vice-chair), Pat Cummins, Matt Gentile, Jack Hild, Jeff Lovin, Rebecca Moore, Carl Reed, Gary Thompson, Jason Warzinik, May Yuan
- ❖ 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.
- ❖ Status:
 - Initial outline of paper developed prior to June NGAC meeting
 - Emerging Technologies spotlight sessions at June & Sept NGAC meetings
 - Revised draft paper to be distributed to NGAC prior to Sept NGAC meeting
 - Final paper to be completed prior to December NGAC meeting

NGAC Policy Framework Subcommittee

- ❖ Membership: Tony Spicci (chair), Molly Vogt (vice-chair), David Alexander, Bert Granberg, Kevin Pomfret, Laxmi Ramasubramanian, Amber Reynolds, David Wyatt
- ❖ Task: 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.
- ❖ Status:
 - Subcommittee has compiled initial set of comments on current version of Circular A-16.
 - Consolidated draft paper to be distributed to NGAC prior to Sept NGAC meeting
 - Goal is to adopt paper in principle at Sept NGAC meeting, pending minor edits

NGAC 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.
- ❖ Status:
 - Subcommittee has developed initial outline and case study example
 - Revised draft paper to be distributed to NGAC prior to Sept NGAC meeting.
 - Final paper to be completed prior to December NGAC meeting

NGAC 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.
- ❖ Status:
 - LAG has held initial meetings & developed work group assignments. Revised guidance being finalized
 - LAG to provide status report at Sept NGAC meeting
 - LAG responses to study questions to be developed by March 2017.

Coordination Group Meeting Dates

❖ 2016 CG Meeting Calendar available on FGDC website

- October 11, 2016 – Rachel Carson Room, DOI
- November 8, 2016
- December 13 , 2016



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

FGDC Business Update

2014 GAO Engagement
NGDA Management Plan Activities
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:

- The Steering Committee approved the Creation of the Address Data Theme on August 8th.
- Co- Leadership role of Address Data Theme by DOT and Census Bureau
- DOT and Census will continue with pilot efforts
- Subcommittee in initial creation stage, conduit for federal requirements
- Further ExCom Discussion on the NAD governance model

NGDA Management Plan - Current Activities

- ❖ NGDA Collaboration Community (NCC) released
 - Internal collaboration space for NGDA members
 - <https://cms.geoplatform.gov/ncc/>
- ❖ 2015 NGDA Lifecycle Maturity Assessment Report
 - Additional review underway with FGDC staff
 - Anticipate Fall completion
- ❖ NGDA MP Evaluation Project
 - In progress with anticipated Fall completion
- ❖ Address Theme
 - Approved by Steering Committee on August 8, 2016
 - Identifying Theme Leads

NGDA Management Plan - Current Activities

❖ Theme Strategic Plans

❖ 13 Complete, 2 In progress, 1 Pending

| Theme Name | Status | Date | Link |
|-----------------------------------|-----------|-----------|----------------------|
| Biodiversity and Ecosystems Theme | Completed | 8/15/2016 | Link |
| Cadastre Theme* | Completed | 6/30/2016 | Link |
| Climate and Weather Theme | Completed | 6/30/2016 | Link |
| Cultural Resources Theme | Completed | 6/30/2016 | Link |
| Elevation Theme* | Extension | 9/30/2016 | |
| Geodetic Control Theme* | Completed | 2/16/2016 | Link |
| Geology Theme | Completed | 6/30/2016 | Link |
| Governmental Units Theme* | Completed | 6/30/2016 | Link |
| Imagery Theme* | Completed | 7/19/2016 | Link |
| Land Use Land Cover Theme | Completed | 6/30/2016 | Link |
| Real Property Theme | Pending | | |
| Soils Theme | Extension | 9/30/2016 | |
| Transportation Theme* | Completed | 8/17/2015 | Link |
| Utilities Theme | Completed | 7/12/2016 | Link |
| Water Inland Theme* | Completed | 6/30/2016 | Link |
| Water Oceans and Coasts Theme* | Completed | 8/16/2016 | Link |

* Indicates A-16 Framework Theme

Theme Implementation Plans

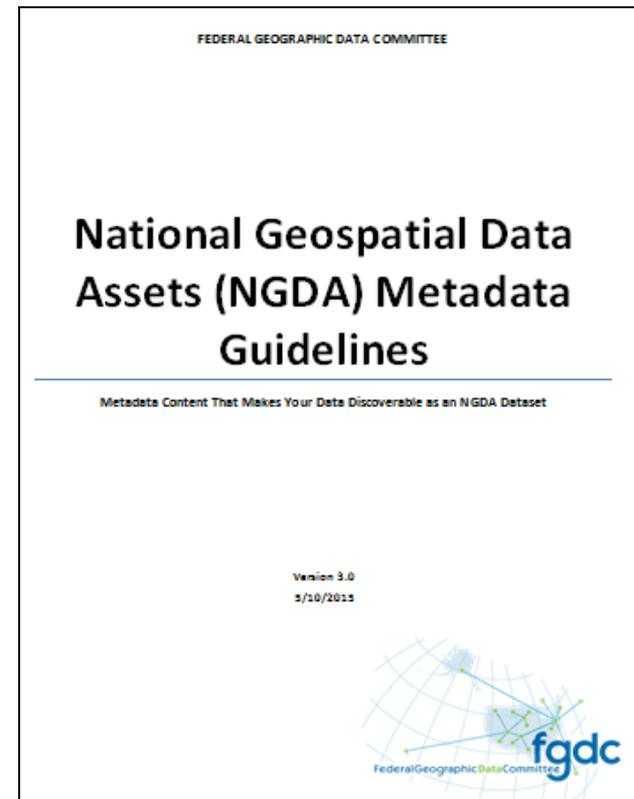
- ❖ The Steering Committee Supports:
 - ❖ Action to create Theme Implementation Plans (TIP)
 - ❖ Based on Theme Strategic Plans
- ❖ Develop draft TIP template and content - in review
- ❖ September – Finalize TIP Template
- ❖ Dec. 31, 2016 – Complete Framework Theme TIPs
- ❖ Other Themes will develop TIPs as part of next NSDI Strategic Plan

| 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 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 update metadata (e.g. meetings, email)
- ❖ GeoPlatform team can assist with establishing web services



NGDA Inventory Updates

❖ Executive Theme Champion Changes

- Tod Dabolt, DOI named Executive Theme Champion or co-Executive Theme Champion for Biodiversity and Ecosystems, Cadastre, Geology, Imagery, Land Use-Land Cover, Utilities, and Water-Inland; previous ETC Jerry Johnston leaving DOI as of Sept. 9, 2016
- Shep Smith, Rear Admiral, NOAA: co-Executive Theme Champion for Elevation; previous ETC Rear Admiral Gerd Glang retired
- New Address Theme co-Executive Theme Champions: Tim Trainor, DOC, Census Bureau and Richard McKinney, DOT

NGDA Inventory Updates

❖ Theme Lead Changes

- John Cullen, USGS (jcullen@usgs.gov): Acting co-Theme Lead for Imagery
- Address Theme co-leads will be designated soon
- Neil Dominy, USDA (neil.dominy@ne.usda.gov): Soils Theme Lead starting Sept. 6
- Raquel Hunt now Raquel Wright, continues as Transportation Theme Lead
- BIA assigns Steven Mesa (steven.mesa@bia.gov) as agency NGDA coordinator

NGDA Inventory Updates

❖ Dataset Manager Changes

| NGDA Dataset | New Dataset Manager | Previous Dataset Manager |
|--|--|--------------------------|
| Geostationary Operational Environmental Satellite (GOES) Imager Data | Christina Lief, NOAA christina.lief@noaa.gov | Nancy Ritchey, NOAA |
| High-Resolution Sea Surface Temperature (SST) Analysis Products | Christina Lief, NOAA christina.lief@noaa.gov | Nancy Ritchey, NOAA |
| NEXRAD (NEXt-Generation RADar) Products | Christina Lief, NOAA christina.lief@noaa.gov | Nancy Ritchey, NOAA |
| Polar Operational Environmental Satellite (POES) Radiometer Data | Christina Lief, NOAA christina.lief@noaa.gov | Nancy Ritchey, NOAA |
| Outer Continental Shelf Block Aliquots | Josh, Wadlington, BOEM josh.wadlington@boem.gov | Stephen Creed, BOEM |
| Outer Continental Shelf Active Renewable Energy Leases | Josh, Wadlington, BOEM josh.wadlington@boem.gov | Stephen Creed, BOEM |

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 |

FGDC Leaders Forum

- ❖ FGDC hosted a National Spatial Data Infrastructure (NSDI) Leaders Forum on July 26, 2016 in Washington DC. The purpose of the meeting was to gather input from leaders of key geospatial organizations on the development of the NSDI strategic framework.
- ❖ FGDC Secretariat shared meeting notes with meeting participants.
- ❖ FGDC will follow up with other groups through virtual focus groups and interviews.

FGDC Standards

CG Approval of INCIT/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
- The CG ballots are due September 20, 2016.



Contact: Julie Binder Maitra, FGDC OS, jmaitra@usgs.gov

CG approval of draft revised SWG charter

- The CG ballot to approve the draft revised SWG charter closed on July 29, 2016.
- Voting results
 - Yes: 11
 - No: 0
 - No Response: 18

OGC metadata and catalog services

- OGC announced publication of *OGC Catalogue Services (CAT) Standard version 3.0* and *CAT 3.0 HTTP Protocol Binding Standard*. This is the first time that OGC has released a standard with an implementation test and implementations (pycsw and Esri Geoportal Server).
- The OGC ballot to update *OGC Abstract Specification Topic 11: Metadata* from ISO 19115:2003, Geographic information – Metadata to ISO 19115-1:2014, Geographic information – Metadata – Part 1: Fundamentals closed September 3.

INCITS L1 and ISO TC 211

- Glenn Guempel of USGS is the new INCITS Technical Committee L1 chair.
- Sweden now serves as ISO Technical Committee 211 Secretariat. Norway relinquished the ISO TC 211 Secretariat

Standards Update

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

Standards Related Events

| Year | Month | Date(s) | Event | Location |
|----------|-------------|--------------------------------------|---|----------------------------------|
| 2016 | August | 08/09 | CG | |
| | | 08/10 | ISO Metadata Implementation Forum | webinar |
| | | 08/11 | GWG Geospatial Web Services Focus Group | Chantilly, VA |
| | September | 09/13 | CG | |
| | | 09/14 | FGDC Metadata WG | |
| | | 09/19-09/23 | OGC #OGCOrlando16 | Orlando, FL |
| | | 09/26-09/30 | INSPIRE Conference 2016 | Barcelona, Spain |
| | | 09/30 | INCITS L1/U.S. TAG | |
| | October | 10/11 | CG | |
| | | 10/13 | FedGeoDay | Washington, DC |
| | November | 11/08 | CG | |
| | | 11/11 | INCITS L1/U.S. TAG | |
| | | 11/28-12/02 | GSDI 15th World Conference | Taipei, Taiwan |
| | | 11/28-12/02 | ISO TC 211 Plenary and meetings | Redlands, CA |
| December | 12/04-12/08 | OGC #OGC16tcTaichung | Taichung, Taiwan | |
| | 12/13 | CG | | |
| 2017 | March | 03/20-03/24 | OGC #OGC17tcDelft | Delft, The Netherlands |
| | June | 06/26-06/30 | OGC #OGC17stjohns | St. John's, Newfoundland, Canada |

Questions???

