Coordination Group Meeting
FGDC Business Highlights*

Ken Shaffer
Deputy Executive Director
Federal Geographic Data Committee
April 10, 2018

*From the detailed monthly business report
Committee’s Decision Summary

- **FGDC Chair**
  - Dr. Tim Petty was confirmed as Assistant Secretary for Water & Science and will serve as the FGDC Chair

- **Steering Committee membership and SC meeting**
  - Designation letter: To reinstitute the SC membership, a letter will be sent to member agencies through the President’s Management Council to designate their Senior Agency Official for Geospatial Information (SAOGIs) to the Steering Committee.
  - Next Steering Committee meeting is 6/28th

- **2017 Doug Nebert Award Presentation**
  - The 2017 Doug Nebert award will be presented to the MarineCadastre.gov team during the Steering Committee meeting on June 28th.
CG and SC Monthly Membership Changes

❖ Coordination Group
  ❖ Bureau of Land Management
    • Janet Wilkins is the new CG member replacing Don Buhler
  ❖ National Park Service
    • Jen Carlino is the CG member alternate for National Park Service
  ❖ General Service Administration (GSA)
    • Anne Nussear is the CG member alternate for GSA replacing Michael O'Brien

❖ Steering Committee
  ❖ Department of Commerce
    • Tony LaVoi (NOAA) is the Senior Agency Official for Geospatial Information (SAOGI) replacing Tim Trainor
    • Deirdre Bishop (U.S. Census Bureau) is the SAOGI Alternate
  ❖ Department of Defense, National Geospatial Intelligence Agency (NGA)
    • Sammie Jackson, will attend ExCom/SC meetings on behalf of NGA
Steering Committee

- The next Steering Committee meeting will be held on June 28th.
- FGDC plans to hold a SC member orientation prior to June meeting.
- The Executive Committee will recommend SC action and decision on the following items:
  - NSDI Strategic Plan
  - New GeoPlatform contract approach
  - GeoPlatform funding commitment for FY2019
  - GeoPlatform funding algorithm for FY2020
  - Designation of Coordination Group members
  - Reinforce roles and responsibilities of A-16
Executive Committee

The Executive Committee held a GeoPlatform Planning Session 01/24/2018. Key actions resulting from this meeting include:

1- **Use Cases:** Develop use cases demonstrating utility and value of the GeoPlatform by February 9th.
   - National Address Database (DOT, Census)
   - Supporting Environmental Review for Infrastructure Projects (DOI)
   - Shared Cloud Infrastructure Services (DOI)
   - NGDA Theme Communities (FGDC)
   - Disaster Response & Management (DHS)

2- **Outreach & Education:** Develop targeted outreach & communication plan to enable coordinated outreach to key audiences. FGDC/DOI will coordinate development of plan, with input from ExCom & FGDC agencies.
Executive Committee (cont’d)

Key actions (cont’d)

3- FGDC Engagement: Continue and expand engagement with FGDC community in the development of the next generation of GeoPlatform.gov. Activities to include:
   - Monthly meetings of the ExCom
   - Coordination Group/Theme Leads Planning Workshop (February)
   - Dialogue and feedback from NGAC (April)

4- Master Schedule: Develop master schedule/project plan for 2018/2019 GeoPlatform activities. FGDC/DOI will coordinate development of schedule, with input from ExCom & FGDC agencies.
Executive Committee (cont’d)

- The Executive Committee met on February 26th. Key actions
  - **Steering Committee membership**: FGDC Chair to send designation letter to member agencies to reconfirm their Senior Agency Official for Geospatial Information (SAOGIs) to the Steering Committee.
  - **ExCom Roundtable Session**: ExCom members will participate in a roundtable session on April 3rd during the NGAC meeting
  - **Geospatial Platform**: ExCom members will review and provide feedback of new GeoPlatform FY 2020 Statement of Work (SOW)
- Next Executive Committee meeting on April 5th
National Geospatial Advisory Committee (NGAC) Meeting, April 3-4, 2018

- A separate meeting summary will follow this presentation
# Coordination Group Meeting Dates

## 2018 FGDC CG Meeting Calendar

<table>
<thead>
<tr>
<th>DATE</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/10/2018</td>
<td>John Muir</td>
</tr>
<tr>
<td>5/8/2018</td>
<td>Kiowa Carson</td>
</tr>
<tr>
<td>6/12/2018</td>
<td>Rachel Carson</td>
</tr>
<tr>
<td>7/10/2018</td>
<td>Rachel Carson</td>
</tr>
<tr>
<td>8/14/2018</td>
<td>Rachel Carson</td>
</tr>
<tr>
<td>9/11/2018</td>
<td>Kiowa Carson</td>
</tr>
<tr>
<td>10/9/2018</td>
<td>Rachel Carson</td>
</tr>
<tr>
<td>11/13/2018</td>
<td>Rachel Carson</td>
</tr>
<tr>
<td>12/11/2018</td>
<td>Rachel Carson</td>
</tr>
</tbody>
</table>
FGDC Business Update

- NGDA Portfolio Management
- FGDC Standards Update
- President’s Management Agenda
- NSDI Strategic Plan Update
- CG Theme Lead GeoPlatform Session
- FGDC Annual Report
- OGC Disaster Concept Development Study
- Geospatial Platform Contract Support Update
NGDA Portfolio Management – Status of Actions

- **NGDA Datasets**
  - NGDA Dataset Reports – 100% Complete

- **NGDA Themes**
  - Theme Strategic Plans – 95% Complete
  - Theme Implementation Plans – 40% complete
  - Theme Summary Report – 75% Complete

- **NGDA Portfolio Management Team**
  - LMA Analysis and Recommendation Report – Draft in Review
  - NGDA Portfolio Summary Report – Draft in Development

All Reports will be available from the NGDA Theme Community Sites
## 2017 Theme Report Status

Status as of 3/27/2018

<table>
<thead>
<tr>
<th>Theme</th>
<th>Strategic Plan</th>
<th>Implementation Plan Oct ‘17</th>
<th>Lifecycle Maturity Assessment Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Not Submitted</td>
<td>Draft Submitted</td>
<td>Not Identified</td>
</tr>
<tr>
<td>Biodiversity and Ecosystems</td>
<td>Complete</td>
<td>Not Submitted</td>
<td>Not Identified</td>
</tr>
<tr>
<td>Cadastre*</td>
<td>Complete</td>
<td>Not Submitted</td>
<td>7</td>
</tr>
<tr>
<td>Climate and Weather</td>
<td>Complete</td>
<td>Not Submitted</td>
<td>5</td>
</tr>
<tr>
<td>Cultural Resources</td>
<td>Complete</td>
<td>Complete</td>
<td>2</td>
</tr>
<tr>
<td>Elevation*</td>
<td>Complete</td>
<td>In Progress</td>
<td>12</td>
</tr>
<tr>
<td>Geodetic Control*</td>
<td>Complete</td>
<td>Complete</td>
<td>4</td>
</tr>
<tr>
<td>Geology</td>
<td>Complete</td>
<td>Complete</td>
<td>6</td>
</tr>
<tr>
<td>Governmental Units*</td>
<td>Complete</td>
<td>Complete</td>
<td>9</td>
</tr>
<tr>
<td>Imagery*</td>
<td>Complete</td>
<td>Not Submitted</td>
<td>40</td>
</tr>
<tr>
<td>Land Use Land Cover</td>
<td>Complete</td>
<td>Not Submitted</td>
<td>14</td>
</tr>
<tr>
<td>Real Property</td>
<td>Complete</td>
<td>Received Draft</td>
<td>14</td>
</tr>
<tr>
<td>Soils</td>
<td>Complete</td>
<td>Not Submitted</td>
<td>5</td>
</tr>
<tr>
<td>Transportation*</td>
<td>Complete</td>
<td>Complete</td>
<td>16</td>
</tr>
<tr>
<td>Utilities</td>
<td>Complete</td>
<td>Not Submitted</td>
<td>2</td>
</tr>
<tr>
<td>Water Inland*</td>
<td>Complete</td>
<td>Complete</td>
<td>16</td>
</tr>
<tr>
<td>Water Oceans and Coasts*</td>
<td>Complete</td>
<td>Not Submitted</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dataset</th>
<th>Theme Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Review not received</td>
</tr>
<tr>
<td>19</td>
<td>Completed</td>
</tr>
<tr>
<td>5</td>
<td>Review not received</td>
</tr>
<tr>
<td>2</td>
<td>Completed</td>
</tr>
<tr>
<td>12</td>
<td>Completed</td>
</tr>
<tr>
<td>4</td>
<td>Completed</td>
</tr>
<tr>
<td>6</td>
<td>Review not received</td>
</tr>
<tr>
<td>9</td>
<td>Completed</td>
</tr>
<tr>
<td>40</td>
<td>Completed</td>
</tr>
<tr>
<td>14</td>
<td>Completed</td>
</tr>
<tr>
<td>14</td>
<td>Completed</td>
</tr>
<tr>
<td>5</td>
<td>Completed</td>
</tr>
<tr>
<td>16</td>
<td>Completed</td>
</tr>
<tr>
<td>2</td>
<td>Review not received</td>
</tr>
<tr>
<td>16</td>
<td>Completed</td>
</tr>
</tbody>
</table>

*Framework Themes*

Contact Lorna Schmid with any questions: lorna@usgs.gov
NGDA Portfolio Reporting Timeline

 March

 NGDA Dataset Reports
  • Updated with GeoPlatform R-11 URLs
  • Ready for release

 NGDA Theme Summary Reports
  • Updated with GeoPlatform R-11 URLs

 NGDA LMA Dashboard
  • Released with GeoPlatform R-11
    • Reviewed Maturity Levels

 April

 Post NGDA Dataset Reports

 Proposal for Next Step Approvals:
  • Submit Completed Theme Summary Reports to CG for Review and
    Recommendations; Send additional completed Reports monthly
  • Incorporate CG Comments and Recommendations into Draft LMA
    Analysis and Recommendation Report and Draft NGDA Portfolio
    Summary Report

 May:

 Post Approved Reports
NGDA Theme Communities

- **Community migration from Drupal to WordPress**
  - All NGDA Communities migrated
  - Greater security from vulnerability and threat
  - Standalone instances so no one community effects another community

- **Next Steps**
  
  **NGDA Portfolio Team and GeoPlatform Team:**
  - Facilitate Ease of Community Use and maintenance: Review training, tutorials, documentation, and guidance
  - Determine best practices for storing and retrieval of Reports, documents and files used by communities
  - Review potential tools to enhance user experience (plug-ins: calendars, blogs, etc.) and report to Theme Leads

  **Theme Leads:**
  - Work with NGDA communities to:
    - Ensure a uniform look and feel between communities
    - Maximize use of tools and practices
2018 NGDA Web Services and Metadata Project

- **Action for Dataset Managers:**
  - Update and republish NGDA metadata to include web service end points in accordance with [NGDA Metadata Guidelines](#).
  - Query Data.gov for NGDA metadata and review:
    - Metadata titles and alternate titles
    - Keywords and thesaurus (check that they meet Guidelines)
    - Web service end points (add and/or check for broken links and update as needed)
    - Data download (add and/or check for broken links and update as needed)

- **NGDA Portfolio Team:**
  - Analyze Metadata and services and generate emails to Dataset Managers and Theme Leads documenting any actions and findings

**Result:** Increased discoverability with greater access to web services and data download

Contact Lorna Schmid with any questions: lorna@usgs.gov
NGDA Inventory & POC Updates

- **Theme Executive Champion Change**

<table>
<thead>
<tr>
<th>NGDA Theme</th>
<th>None</th>
</tr>
</thead>
</table>

- **Theme Lead Change**

<table>
<thead>
<tr>
<th>NGDA Theme</th>
<th>New Theme Lead</th>
<th>Previous Theme Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Use Land Cover</td>
<td>TBD</td>
<td>Jonathan Smith</td>
</tr>
<tr>
<td>Real Property</td>
<td>Aluanda R. Drain</td>
<td>Michael O’Brien</td>
</tr>
</tbody>
</table>

- **Dataset Manager Changes**

<table>
<thead>
<tr>
<th>NGDA Dataset Name</th>
<th>Theme</th>
<th>New Dataset Manager</th>
<th>Previous Dataset Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
INCITS/ISO Metadata Standards
- 19115-3:2016 Geographic information -- Metadata -- Part 3: XML schema implementation for fundamental concepts
- 19157-2:2016 Geographic information -- Data quality -- Part 2: XML schema implementation

FGDC Metadata and Standards WGs voted to recommend endorsement

Request approval by Coordination Group
President’s Management Agenda

- Issued by OMB on March 20
- Describes long-term vision focusing on Mission, Service, and Stewardship.
- Includes 3 Key Drivers of Transformation:
  1. IT Modernization
  2. Data, Accountability and Transparency
  3. People - Workforce for the 21st Century
- Includes Cross-Agency Priority (CAP) Goals
Driver #2: Data, Accountability and Transparency

- **Strategy 1**: Enterprise Data Governance
  - *Identifies FGDC Portfolio Management as model approach for enterprise data governance*

- **Strategy 2**: Access, Use, and Augmentation

- **Strategy 3**: Decision-Making & Accountability

- **Strategy 4**: Commercialization, Innovation, and Public Use

**CAP Goal**: Leveraging Data as a Strategic Asset

“**Platform**: Develop effective governance organizations and a suite of tools and applications available across agencies that serve the needs of diverse users and facilitate data integration, exchange, and use.”
NSDI Strategic Framework – Key Elements

Key Federal Responsibilities

- **Goal 1** – Expand the Geospatial Platform
- **Goal 2** – Enhance the Management of Federal Geospatial Assets
- **Goal 3** – Update the National Geospatial Policy Framework

Partnership Opportunities

- **Strategy 1** – Focus on National Priority Data Initiatives
- **Strategy 2** – Rebrand the NSDI to Broaden Awareness and Understanding of Geospatial Community Issues
- **Strategy 3** – Address Emerging Topics
NSDI Strategic Plan – Implementation Approach

2017 Interim Implementation:

• FGDC/agency implementing goals and strategies included in NSDI Strategic Framework.

• FY 2017 FGDC Annual Report documents progress.

2018 NSDI Strategic Plan Approach:

• FGDC community will engage with new leadership to refine the framework and develop final version of NSDI Strategic Plan.

• Strategic Plan to be aligned with President’s Management Agenda

• Concurrently develop more detailed implementation strategy for new NSDI Strategic Plan
## Next Steps – DRAFT

### Draft High-level Timeline – for discussion

<table>
<thead>
<tr>
<th>Task</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establish FGDC Core Team (ExCom + CG members)</td>
<td>April 2018</td>
</tr>
<tr>
<td>Develop revised draft NSDI strategy</td>
<td>June 2018</td>
</tr>
<tr>
<td>- Review PMA</td>
<td></td>
</tr>
<tr>
<td>- Identify points of alignment</td>
<td></td>
</tr>
<tr>
<td>- Coordinate with FGDC leadership</td>
<td></td>
</tr>
<tr>
<td>Share draft NSDI strategy with NGAC / key stakeholders</td>
<td>June/July 2018</td>
</tr>
<tr>
<td>Develop final NSDI strategy</td>
<td>Aug/Sept 2018</td>
</tr>
<tr>
<td>Develop NSDI implementation plan</td>
<td>Dec 2018</td>
</tr>
</tbody>
</table>
February 13th, CG & Theme Leads GeoPlatform Planning Session

- GeoPlatform current state analysis key messages:
  - All supported continuation of GeoPlatform actions and improvements
  - More outreach and help on how to utilize GeoPlatform capabilities for agencies/users
  - Improve search and discovery
  - Utilize the marketplace, and enhance it
  - Users highly supportive of cloud services
  - Continue communities and drive more users to them
  - Revisit National Geospatial Data Asset (NGDA) management requirements and level of effort
  - Assess GeoPlatform features and communities’ usage. Expand in these areas
  - Improve outreach and communication, education, and user’s guides
  - Make GeoPlatform the resource for geospatial information
FGDC 2017 Annual Report

- Limited number of hardcopies now available!
  - To request hardcopies contact Lucia Foulkes at lfoulkes@usgs.gov

- Main story covers agencies’ use of geospatial data and technology for response and recovery to last year’s hurricanes

- Released in digital format (pdf) for download from FGDC website at https://www.fgdc.gov/resources/whiternapers-reports/annual%20reports/2017link
Smart Communities for Disasters Resilience
— Advancing National Preparedness, Response & Recovery

Early in 2018 initiate: Concept development study (CDS) – Planning & information gathering phase. 2018 and beyond: Initiate pilots & use cases
Disaster CDS Framework and Timelines

- **Gather Input from a broad group of stakeholders to inform the study**
  - Public
  - Private
  - Academia
  - International

- **Understand Gaps & Needs**
  - Executives
  - Operations Managers
  - Responders
  - Technical Support
  - Industry
  - Others

- **Provide Results/Plan for the future**
  - Results of the study
  - Pilot Recommendations

**Request For Information (RFI) (Mar-Apr)**

**Stakeholder Engagements (Workshops Apr-Jun)**

**Publish CDS & Request for Pilots (July-Aug)**

**Examples**
- Federal agencies (*DHS, NGA, USDA, State, NASA, USGS*)
- State (*Texas, New York*)
- Private sector (*Gates Foundation, Esri, Here.com*)
- International (*World Bank, Canada, France, New Zealand, European Commission*)
- Academia (*Texas A&M, Dartmouth*)
Geospatial Platform Support Contract
Monthly Update
to Coordination Group
Technical Task Order Summary

- TO-13 Technical Support
  - Support: Image Matters, Inc.
  - Activities
    - GeoPlatform.gov
      - Development – 3 planned releases of new capability
      - Operations and Maintenance
      - Community Support
      - Service Desk support
    - Recent Events
      - ESIP Conference (9 Jan) – presentation of OE, KG enrichment, and Semantic Search
      - Esri Federal User Conference (20-21 March)

Contact: Tod Dabolt DOI, IOS
thomas_dabolt@ios.doi.gov
Accomplishments

- GeoPlatform Release 11 Beta-test period completed (6-14 March)
- Release 11 (R11) promoted to Production (Live!) on 18 March
- NGDA Theme Community Migration (Drupal to Wordpress), completed in January; train-the-trainer session on 3/7

Key contacts

- NASA (ESDIS) – biweekly TEMs; Resilience Community stood-up in Development environment; CMR integrations in planning
- GSA (CIBORG) – updated BPA RFQ language; provided examples of GeoPlatform “Earth Observation (EO)” object and API search request
- FEMA – disasters.geoplatform.gov community TEMs; community instance stood-up in Development environment; plan to promote to Production in April

Contact: Tod Dabolt DOI, IOS
thomas_dabolt@ios.doi.gov
New Capabilities

- Initial Open API (1.0)
- Community Toolkit updates (CCB 1.2) – Map and Search plugins for dynamic, customized, shared resources
- Security enhancements for OAuth2 to close open IA POAMs
- Portal content refresh/ consolidation
- New community support (as needed)
- Partner driven projects/ updated taxonomies (as needed)
- O&M/ IA support (as needed)

Benefits

- Bridging across community and vendor datasets and catalogs
  - Find the right data (relevant, fit-for-use) across agencies and stovepipes
  - Open: Vendor/ technology agnostic
- Enabling Dynamic Digital Community experience
- Security and privacy enhancements
- Expanded use of context and map tradecraft for rich GeoPlatform Portfolio experience
  - Search, find, and do something
GeoPlatform.gov - Release 12 (July 2018)

Theme: Open APIs, Toolkits, Resource Utilization, & Enhanced Search

New Capabilities

- Open API (1.1) – incremental enhancements
- Community Toolkit updates (CCB 1.3) – incremental enhancements; plugins for curating dynamic, customized, shared resources
- Resource Utilization Module (1.0) – infrastructure and tools for collecting and reporting resource utilization metrics
- Portal content refresh/ consolidation (as needed)
- Updated taxonomies (as needed)
- New community support (as needed)
- O&M/ IA support (as needed)

Benefits

- Open solutions supporting resource sharing and collaboration
  - Open: Vendor/ technology agnostic
  - Finding the right data (relevant, fit-for-use) across agencies and stovepipes
- Improved Portfolio Management workflows
  - Streamlined metadata lifecycle management
  - Measure & improve resource utilization
- Delivering operational capability in support of partner initiatives and missions
GeoPlatform.gov – Communities

- **NGDA Theme Communities** – in Production; train-the-trainer delivered and other support materials (e.g., video tutorials) under development.
- **Tribal Nations (BIA)** – in Production (communities.geoplatform.gov/tribalnations)
- **Invasive Species (WGA)** – in Development (good progress)
- **Mississippi River Basin Science (MRBS)** – in Development
- **International Program for Human Geography (NGA)** – in Development; initial TEM and training completed; follow-up training and coordination meetings scheduled
- **WWHGD (NGA)** – candidate for migration to new Dynamic Digital Community package; requires follow-up to coordinate
- **DOI Office Emergency Management** – in Development (good progress)
- **US Group on Earth Observations (USGEO)** – planned
- **Geoplatform Customers (DOI)** – in Production (communities.geoplatform.gov/gpcustomers)
- **GeoPlatform Core Team (FGDC)** – in Production (private)
- **Resilience (NASA)** – in Development
- **Disasters (FEMA)** – in Development

Contact: Tod Dabolt DOI, IOS
thomas_dabolt@ios.doi.gov
Questions?