



February 9, 2016

Coordination Group Meeting

Geospatial Platform Support Contract Monthly Update January 2016

Topics

- ◆ Task Order Summary
- ◆ Geospatial Platform Development and O&M
- ◆ Architecture and Technology Working Group (ATWG)
- ◆ NGDA Geospatial Investment Strategy
- ◆ Non-Federal Geospatial Data
- ◆ Coordination with Data.gov
- ◆ Communication and Outreach
- ◆ FGDC Business Operations Toolset
- ◆ Summary, Discussion, and Next Steps

PMO Support Summary

◆ TO-5 Program Management Office *(PoP ends Oct 17, 2016)*

◆ Ardent Management Consulting.

- Jim Irvine
- Travis Hardy



■ Activities

◆ Geospatial Platform

- Track, coordinate, facilitate, and report to Managing Partner
- Coordinate on requirements and technical delivery with the Technical Contract Team (Image Matters)
- Support to Geospatial Platform Help Desk

C&O Support Summary

◆ TO-3 Communications & Outreach *(PoP ends Feb 2, 2016)*

■ Support:

◆ Ardent Management Consulting.

- Heather Neisworth
- Travis Hardy

■ Activities

◆ Develop Communications and outreach strategy and plan

- Media Toolkit
- Geospatial Platform content
- Event Coordination



Technical Support Summary

◆ **TO-6 Platform Technical Support** *(PoP ends Oct 17, 2016)*

- Support:
 - ◆ Image Matters, Inc.
 - John Davidson
 - Harry Niedzwiadek
- Activities
 - ◆ GeoPlatform.gov
 - Cloud migration GeoPlatform.gov
 - Development (currently releasing R-3, developing R-4, FY16 thru R6)
 - Operations and Maintenance Geoplatform.gov



◆ **TO-4 FGDC Business Operations** *(PoP ends Oct 31, 2016)*

- Support:
 - ◆ Image Matters, Inc.
 - Harry Niedzwiadek
- Activities
 - ◆ FGDC.gov
 - ◆ Application and Tool Integration



Shared Infrastructure and Services

- ◆ GeoPlatform cutover to DOI Cloud environment in progress
 - Obtained its authority to operate in the DOI cloud
 - Secure cloud based infrastructure for finding and serving federal geospatial data and services
 - Robust infrastructure for reliable operations
 - Tools for rapid updates of content and services

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

GeoPlatform.gov Release-3 (8 February 2016)

- ◆ Federal and contract support members engaged in Beta Testing results being integrated into R-3
- ◆ New homepage and overall design, enhanced user experience and navigation for both first-time and frequent users
- ◆ Map Viewer with advanced search, map saving and sharing
- ◆ Map Manager tool for harvesting, organizing, and sharing maps from AGOL and Map Viewer
- ◆ Performance Dashboard for NGDA LMA Survey results and integrated with FGDC Service Checker
- ◆ Identity Management services for integrated user account management and operations

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

GeoPlatform.gov Release-4 (April 2016)

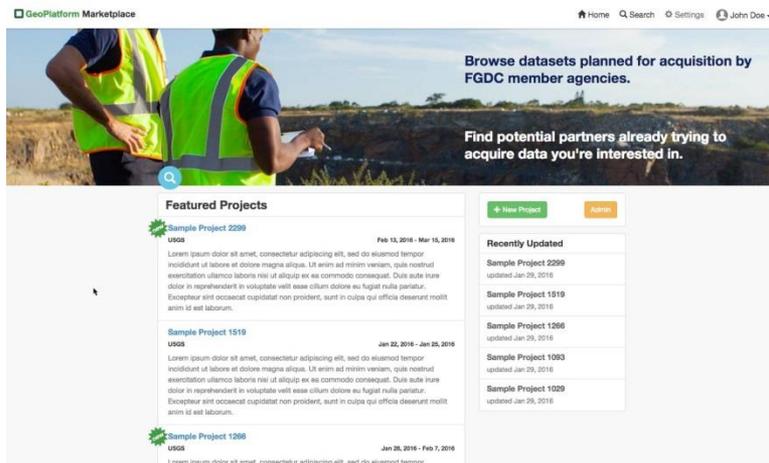
- ◆ Content refresh and rebranding of Communities
- ◆ Advanced tools and service for publishing, discovery, and sharing workflows
- ◆ Refresh of Marketplace

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

GeoPlatform.gov Marketplace

◆ Refresh of Marketplace

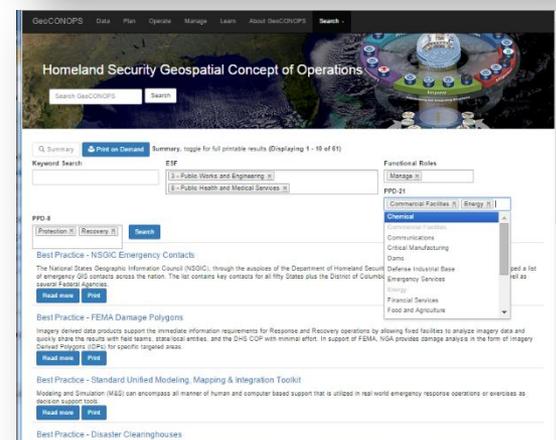
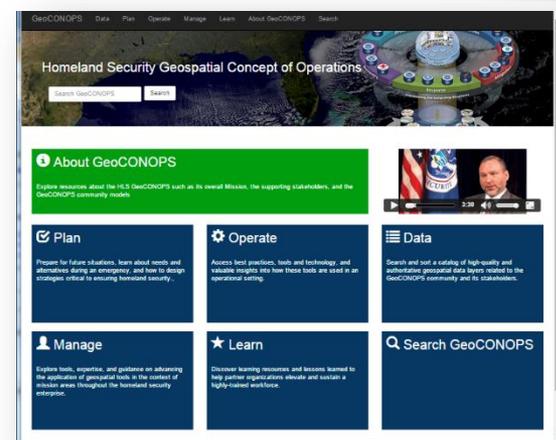
- Met with several agencies on 1/29
- Features include:
 - ◆ Publish new project
 - ◆ Marketplace Landing Page (to see what's happening)
 - ◆ Project Viewer Tool (find, view, and collaborate);
 - ◆ Admin Tool (curate projects)



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

Revamped GeoCONOPs Community

- ◆ Organized by the DHS Geospatial Management Office (GMO) and coordinated with Homeland Security & Homeland Defense Stakeholders
 - COR David Lilley – DHS Geospatial Portfolio Manager
 - Contractor PM – Nate Smith, with Ardent Management Consulting
- ◆ Current GeoCONOPS Community is:
 - First attempt at online instantiation of a historically printed document
 - Content is becoming 'stale' and not easy to leverage
- ◆ Revamped Community Update Efforts Have Been Centered around:
 - Alignment with GeoPlatform Technical Evolution
 - Intuitive Design (i.e. two to three clicks to content)
 - Print on Demand (PoD) Capabilities for Best Practices
 - Responsive Design (Monitor, Tablet, Mobile Phone) Readability
 - Refreshed and Better Organized Content
- ◆ Emphasis is moving away from simply showcasing a collection of existing 'applications of geospatial' within the HLS/HLD community but rather operationalizing an online repository for templates, best practices, and trainings to assist geospatial analysts, program managers, and Emergency Preparedness mission owners.

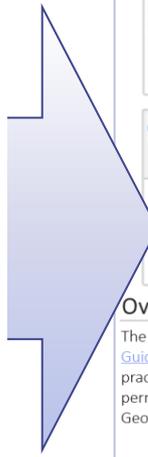


NGDA Collaboration Community

- ◆ Originally: Theme Lead Collaboration Community
- ◆ Redesigned to NGDA Collaboration Community
 - Ease of use
 - Simplified navigation
 - Device Independent
 - Updated Content

The screenshot shows the 'Theme Lead Collaboration Community' website. It has a green header with navigation links: Home, Overview, NGDA Datasets, Forum, Feedback, and NGDA Master Tracking List. The main content area is divided into several sections: 'Table of Contents' (with sub-sections like Internal Non-Public Pages, Management Plan Tasks, etc.), 'NGDA LMA Status Reports', 'Resources' (with links to Federal Geographic Data Committee and A-16 Supplemental Guidance), 'NGDA Management Plan Tasks' (with a list of tasks and their status, such as '2015-09-30 - In Progress: Dataset Managers To Complete Baseline NGDA Lifecycle Maturity Assessment'), and 'NGDA Management Plan Actions' (with a list of actions and their status, such as '2015-09-30 - In Progress: Action 2A.1: Complete And Submit NGDA Dataset Maturity Annual Assessment').

The screenshot shows the 'GeoPlatform NGDA Collaboration Community' interface. It has a dark blue header with the title and a user profile for 'John Doe'. The main content area is a grid of six cards: 'Resources' (Find documents, memorandums, and links related portfolio management of National Geospatial Data Assets), 'Manage' (Get guidance on managing NGDA Themes, NGDA Datasets, and roles), 'Reports & Dashboards' (View NGDA Dataset lifecycle maturity and Theme maturity reports, Theme and Portfolio Summary reports, and dashboards), 'Getting Started' (Learn about the NGDA roles, responsibilities, and processes for A-16 NGDA portfolio management), 'Assessments' (Find the tools and surveys necessary for completing assessments that are the foundation for A-16 NGDA Portfolio management), and 'Theme Lead Meetings' (Access information about upcoming and past Theme Lead meetings). Below the grid is an 'Overview' section with text: 'The NGDA Collaboration Community is a centralized space for supporting implementation of the A-16 Supplemental Guidance. It is a collaboration space allowing NGDA Theme Leads to share experiences, lessons learned, and management practices on A-16 NGDA Portfolio management. The NGDA Collaboration Community is an internal page requiring login permission and provides a space to host documentation and information for A-16 implementation, training, and GeoPlatform-related activities.' At the bottom, it says 'For NCC questions please contact fgdc@fgdc.gov and for GeoPlatform website issue(s) servicedesk@geoplatform.us.'



Contact: Brigitta Urban-Mathieux, FGDC OS
burbanma@usgs.gov



National Address Database

◆ Census Bureau Request:

- National Address Wiki supporting National Address Database within Governmental Units and Administrative Boundaries Theme
- Coordinating with Tech Team:
 - ◆ Import existing National Address Wiki from private server to GeoPlatform shared infrastructure
 - ◆ Link to Wiki within Governmental Units and Administrative Boundaries Theme

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

USGS Fisheries Program

◆ Geospatial Platform Business Request

■ Discussion Phase:

- ◆ Develop Community on GeoPlatform.gov
- ◆ Request to Utilize GeoPlatform.gov
 - Automated process for adding new USGS Fisheries datasets as they are released
 - URL accessible composite map view all USGS Fisheries data
 - Specify priority/default layers that are visible when the map is loaded
 - Discover additional Fisheries geospatial data using TBD criteria

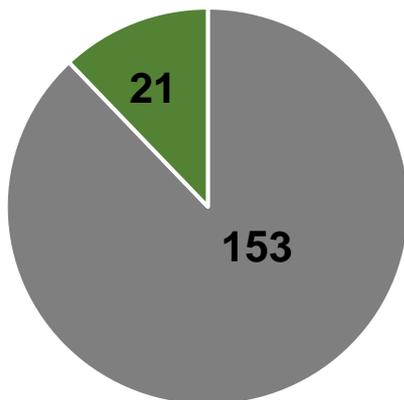
Contact: Tod Dabolt DOI, IOS
thomas_dabolt@ios.doi.gov

NGDA Web services - Phase 1

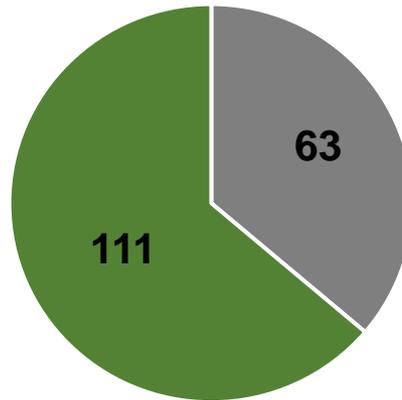
◆ Research: NGDA Web services, data download, and metadata

- 21 of 174 NGDAs have a web service with their metadata linking directly to the NGDA
- 111 of 174 NGDAs have direct data download of the NGDA data
- 21 NGDA services are registered with service registry in GeoPlatform.gov
- 121 of the 174 NGDA have the correct keywords

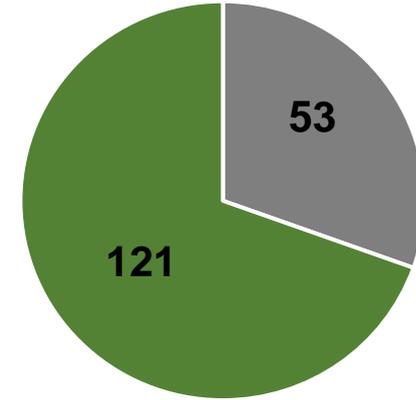
NGDA Web Service



Direct Data Download



Keywords & Thesaurus



14

Contact: Jennifer Carlino, FGDC OS
jcarlino@usgs.gov

NGDA Web services - Phase 2

◆ Next Steps:

■ Service improvement

- ◆ All NGDAs with a service and data download by the end of FY16
- ◆ Offer to host Service on Geoplatform.gov
- ◆ Work with Theme Leads and Coordination Group member to discover where their agencies may have web services stored that are accessible

Contact: Jennifer Carlino, FGDC OS
jcarlino@usgs.gov

Architecture & Technology Working Group

◆ Status: Active

- Kickoff meeting held December 16, 2015 & Draft Charter under review
- Membership List and additional information at <http://www.fgdc.gov/participation/working-groups-subcommittees/atwg/index.html>

◆ Discussed Roles of ATWG to support the GeoPlatform and as part of FGDC

- The ATWG is charged with providing development direction and guidance to support the Managing Partner decisions for daily operations to extend and enhance the capabilities and functionality of the GeoPlatform
- The ATWG will be the focal point for integrating and providing interagency and intergovernmental and academic requirements in ranked order to the Managing Partner to add to the appropriate development cycle(s) of the GeoPlatform

Contact: William Mullen DOI IOS
william_mullen@ios.doi.gov

Architecture & Technology Working Group

◆ Next Steps:

- ATWG Draft Charter in Review
- Next Meeting tentatively February 8, 2016
- GeoPlatform technical overview on planned development activities to provide a contextual perspective for the ATWG to work within

Contact: William Mullen DOI IOS
william_mullen@ios.doi.gov

Geospatial Investment Strategy

- ◆ Geospatial Investments Definitions delivered by GeoInvestment Interagency Team to ExComm in August, 2015
- ◆ Next Steps:
 - Strategy to engage Agency CIOs and CFOs
 - Ideation lab to showcase geospatial investment
 - Report out to Steering Committee, March 2016

Contact: Ivan Deloatch, FGDC OS
ideloatch@usgs.gov

Coordination with Data.gov

◆ Monthly Touch Point Meeting

- Coordination of GeoPlatform.gov and Data.gov intersecting activities
- Technical
 - ◆ Rollover of Identity Management from Data.gov to GeoPlatform.gov
 - ◆ GeoPlatform Search from Data.gov catalog
- PMO
 - ◆ Metadata publication, harvesting, and standards
 - CSDGM and ISO import and transformation
 - Guidance and standards
 - ◆ Non-federal geospatial data

Non-Federal Geospatial Data

- ◆ Coordinating non-federal geospatial metadata publishing/harvesting activities with Data.gov
 - ◆ Academia publishing and harvesting
 - ◆ States publishing and harvesting
 - Coordinating with NSGIC to publish/harvest through GIS Inventory (harvested weekly by Data.gov)
 - Benefits include
 - Improved workflow for states and Data.gov
 - Less errors, duplication and redundancy of effort

Contact: Jennifer Carlino, FGDC OS
jcarlino@usgs.gov

Communications and Outreach Activities

- ◆ Completed Draft Communications and Outreach Strategy and Plan
- ◆ Completed An Inventory of FGDC Communications Materials
 - Made recommendations for program level document review
 - Provided suggest text for updated program level factsheets
- ◆ Media Toolkit Components
 - PowerPoint Template
 - Factsheet Template
 - FGDC Report Template
- ◆ Theme Lead Meeting Feb 25th FedUC: NGDA Management Plan Evaluation

Contact: Roxanne Lamb, FGDC OS
rhlamb@usgs.gov

FGDC OS Operations Toolset

◆ Automated FGDC business processes

- E.g.: Membership management, list servs, voting
- Leverages GeoPlatform authentication
- Enables single sign-on between GeoPlatform and FGDC.gov
- Also a test case for how to integrate "mission specific" requirement projects into GeoPlatform development
- Being managed by the FGDC OS
- Requirements and development by Image Matters
- Currently in requirements and design phase

Contact: Ken Shaffer, FGDC OS
kmschaffer@usgs.gov

Capital Planning and Investment Control (CPIC)

◆ Reporting

- Completed the monthly EVM
- Completed CPIC monthly Risk Register Updates
- Completed CPIC monthly Performance Measures Updates
- Reviewed and updated Library Resources documents in annual Budget Planning efforts

Contact: Roxanne Lamb, FGDC OS,
rhilamb@fgdc.gov

Summary, Discussion, and Next Steps

◆ GeoPlatform Development and O&M

- Release 3 with release 4 in development
- Release 4 and 5 second half of FY16

◆ ATWG

- Monthly meetings to recommend and prioritize the way forward for the Geospatial Platform to the Managing Partner

◆ PMO

- Coordinating facilitating, tracking and reporting all geospatial platform activities

◆ FGDC OS Operations

- Applications and Tools to make FGDC OS more efficient and responsive

◆ Questions and Discussion