

Geospatial Platform Support Contract Monthly Update to Coordination Group

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PMO Contract Support
FGDC OS
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Topics

- ❖ 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 Task Order Summary

❖ Program Management Office (*PoP ends Oct 17, 2016*)

❖ Ardent Management Consulting.

- Travis Hardy, Director
- Jim Irvine, Program Manager



❖ 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



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

Technical Task Order Summary

❖ TO-6 Technical Support

❖ Support:

- Image Matters, Inc.
 - John Davidson
 - Harry Niedzwiadek

❖ Activities

- GeoPlatform.gov
 - Cloud migration GeoPlatform.gov
 - Development (developing R-4, thru R6 FY16)
 - Operations and Maintenance Geoplatform.gov

❖ TO-4 FGDC Business Operations

❖ Support:

- Image Matters, Inc.
 - Harry Niedzwiadek

❖ Activities

- FGDC.gov
- Application and Tool Integration



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Shared Infrastructure and Services

❖ GeoPlatform cutover to DOI Cloud environment complete

- 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



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GeoPlatform.gov Released v3

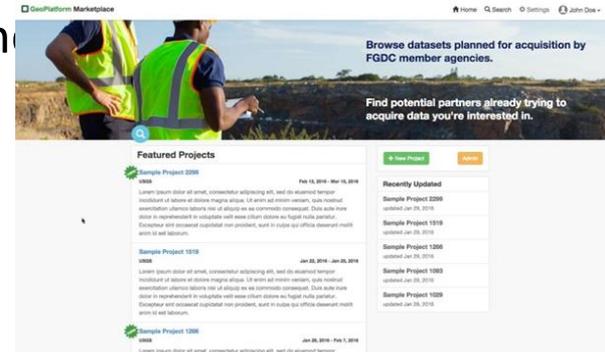
- ❖ New homepage and overall design, enhanced user experience and navigation for both first-time and frequent users
- ❖ Map Viewer with advanced search, map saving and sharing
- ❖ Map Manager tool for harvesting, organizing, and sharing maps from AGOL and Map Viewer
- ❖ Performance Dashboard for NGDA LMA Survey results and integrated with FGDC Service Checker
- ❖ Identity Management services for integrated user account management and operations

GeoPlatform.gov Release-4 (4/2016)

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

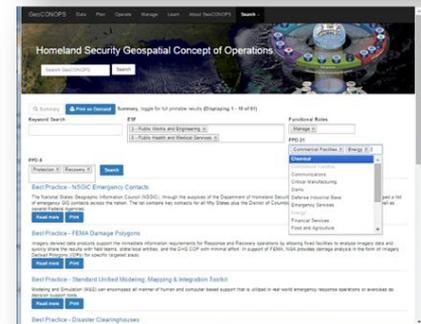
GeoPlatform.gov Marketplace

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



Revamped GeoCONOPs Community

- ❖ Set for Release with R-4 of the GeoPlatform April 2016
 - ❖ COR David Lilley – DHS Geospatial Portfolio Manager
 - ❖ Contractor PM – Nate Smith, with Ardent Management Consulting
- ❖ Operationalize an online repository:
 - ❖ Templates
 - ❖ Best practices
 - ❖ Trainings to assist geospatial analysts, program managers, and Emergency Preparedness mission owners.



NGDA Collaboration Community

- ❖ NGDA Collaboration Community – Development Schedule
 - ❖ **February 1, 2016:** Start the development of the NCC
 - ❖ **March 1, 2016:** Standardize and update content
 - ❖ **March 11, 2016:** Populate content and resource links, institute keyword filtering, meeting content
 - ❖ **March 15, 2016:** Start NCC Beta testing
 - ❖ **March 21, 2016:** Complete NCC beta testing, forward to tech team
 - ❖ **March 29, 2016:** Complete GeoPlatform and NCC beta testing
 - ❖ **April 22, 2016:** GeoPlatform.gov R4 and NCC promotion to production

The screenshot shows the 'GeoPlatform NGDA Collaboration Community' interface. At the top, there is a navigation bar with a 'Menu' icon and a user profile 'FirstN_LastN'. Below the navigation bar is an 'Overview' section. The overview text states: 'The NGDA Collaboration Community (NCC) is a centralized space for supporting implementation of the A-16 Supplemental Guidance. It is a collaboration space allowing those involved in NGDA management 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.' Below the text are six green tiles with icons and text: 'Getting Started' (play icon), 'Manage Info' (up/down arrows), 'Resources' (stack of books), 'Reports & Dashboards' (bar chart), 'Assessments' (checklist), and 'Theme Lead Meetings' (group of people). At the bottom, there is a help box with a question mark icon and the text: 'For NCC questions, please contact fgdc@fgdc.gov and for GeoPlatform website issue(s) servicedesk@geoplatform.gov.'

National Address Standards Wiki

❖ Census Bureau Request:

- ❖ National Address Wiki supporting National Address Standards 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

USGS Fisheries Program

❖ Geospatial Platform Business Request

❖ Discussion Phase:

- Develop Community on GeoPlatform.gov
- Request to Utilize GeoPlatform.gov
 - Awaiting further feedback from the Fisheries program



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NGDA Web Services - Phase 2

- ❖ Continue Phase 1 Research (3/31/16)
 - ❖ Esri services
 - ❖ LMA resources
 - ❖ Agency resources
 - Web services, data download
- ❖ Update NGDA Metadata Guidelines (4/30/16)
 - ❖ CSDGM, ISO, JSON fields for web services, data download
- ❖ Agency Coordination (EOFY)
 - ❖ Dataset Managers update NGDA metadata
 - ❖ Agency hosted web services, data download
 - ❖ GeoPlatform hosted web services, data download

Architecture & Technology Working Group

❖ Status: Active

- ❖ Last meeting: 8 February, 2016 focused on GeoPlatform Overview
- ❖ Revised 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

Architecture & Technology Working Group

❖ Next Steps:

❖ Next Meeting: 10 March, 2016

- Goal to finalize the Draft Charter by 18 March;

❖ New Business:

- **Assess Conflicting Priorities** – Provide GeoPlatform Tech Team guidance/recommendation on how to prioritize development resources.
- **Web Service Utilization Reporting** – Provide GeoPlatform Tech Team recommendations on how to both ‘measure’ and ‘report’ service utilization for web services.
- **Other Considerations** –
 - Should the Technical Team consider devoting resources for some form of individual or community notification (RSS type?) when ‘interest area/topical’ content is posted to GP
 - Should the Technical Team continue to pursue a Mobile Observation Service application?

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
 - ❖ Completed Ideation lab to showcase geospatial investment
 - ❖ Report out to Steering Committee, March 2016

Coordination with Data.gov

❖ Monthly Touch Point Meeting

- ❖ Coordination of GeoPlatform.gov and Data.gov intersecting activities

- ❖ Technical

- Update on IDP (Identity Provider) transition to GeoPlatform R-3
- Migration to DOI Cloud

- ❖ PMO

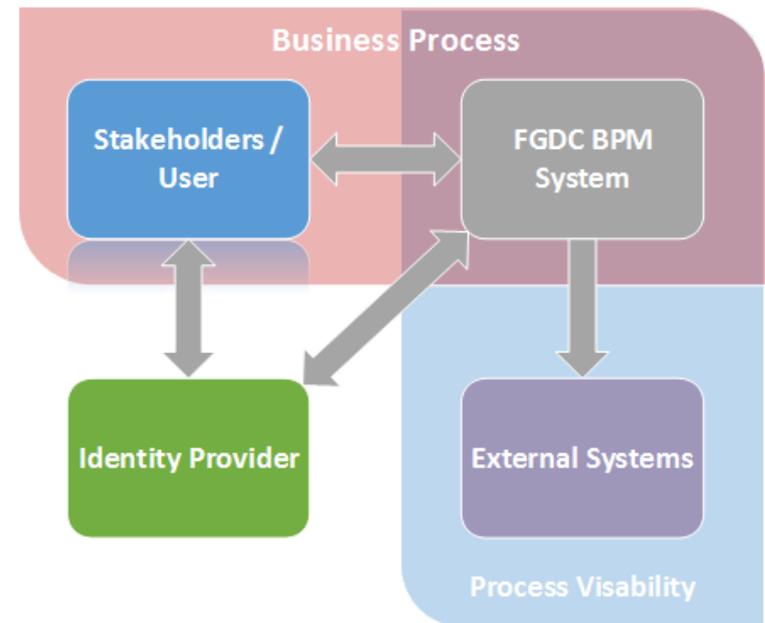
- Metadata publication, harvesting, and standards
 - CSDGM and ISO import and transformation
 - Parent/Child metadata
 - Guidance and standards
- Non-federal geospatial data

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

FGDC OS Operations Toolset

- ❖ TO-4 automates FGDC business processes
 - ❖ 1) Membership management 2) Online voting and reporting 3) Work items by committee, org., member
 - ❖ Integrated with FGDC.gov
 - ❖ Incorporates a business process management capability
 - ❖ Increased service to members
 - ❖ Work item management and reporting



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Capital Planning and Investment Control (CPIC)

❖ Reporting

- ❖ Completed the monthly EVM
- ❖ Completed CPIC monthly Risk Register Updates
- ❖ Completed CPIC monthly Performance Measures Updates

Summary, Discussion, and Next Steps

- ❖ GeoPlatform Development and O&M
 - ❖ Release 4 in development
 - ❖ Release 5 and 6 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