

Geospatial Platform Support Contract Monthly Update to Coordination Group

*James Irvine,
PMO Contract Support
FGDC OS
Sept 13, 2016*



Topics

- ❖ Task Order Summaries
- ❖ Shared Infrastructure and Services
- ❖ GeoPlatform.gov
- ❖ Architecture and Technology Working Group (ATWG)
- ❖ Geospatial Investment Strategy
- ❖ FGDC Business Operations Toolset
- ❖ CPIC

PMO Task Order Summary

❖ TO-5 Program Management Office Support

❖ Support: Ardent Management Consulting

- Travis Hardy, Director
- Jim Irvine, Program Manager



❖ Activities

❖ Geospatial Platform

- Track, coordinate, facilitate, and report to Managing Partner

❖ A-16 Community

- NGDA Management Plan/NGDA MP Evaluation support
- LMA support
- NGDA Metadata support
- Web based Community support

Contact: Roxanne Lamb, FGDC OS
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Metadata Task Order Summary

❖ TO-9 Metadata Support

- ❖ Support: Ardent Management Consulting
 - Travis Hardy, Director
 - Lynda Wayne, Subject Matter Expert



❖ Activities

- ❖ Metadata education and outreach
- ❖ NGDA metadata support
- ❖ ISO Geospatial metadata editors registry
- ❖ ISO Metadata stakeholder workshop support



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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-5, thru R6 FY16)
 - Operations and Maintenance - GeoPlatform.gov



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FGDC Business Operation Task Order Summary

❖ TO-4 FGDC Business Operations

❖ Support:

- Image Matters, Inc.
 - Jeff Ehman
 - Harry Niedzwiadek

❖ Activities

- FGDC OS business process support
- FGDC.gov
- Application and tool integration

 **IMAGE MATTERS**
Locate. Innovate.

 The Carbon Project 

 **Chevo**
Consulting

Shared Infrastructure and Services



Cloud Hosting Services

- ❖ The Geospatial Platform and the Federal Geographic Data Committee (FGDC) are offering a managed hosting service for geospatial assets to FGDC member agencies.
 - ❖ Amazon (AWS) public sector managed cloud environment
 - ❖ GovCloud-based managed cloud environment
 - ❖ ESRI managed services
 - ❖ FISMA compliant managed software stacks in both ESRI and OpenGeo are available
- ❖ More information: <https://www.geoplatform.gov/hosting>

GeoPlatform.gov

❖ Release v4 (4/2016)

- ❖ Map Viewer updates
- ❖ Map Manager updates
- ❖ Wiki for data standards collaboration

- ❖ Marketplace Preview – initial emphasis on elevation projects. New Landing Page, Project Viewer Tool, Publish/curate new projects and project layers.



❖ Release v5 (7/2016)

- ❖ Map Manager tutorials (Creating a Map Gallery, Embedding a Map Gallery in CMS)
- ❖ “CMS-Lite” design and prototype
- ❖ NGDA Service Dashboard modeling, design, and prototype
- ❖ Metadata modeling and design

GeoPlatform.gov

❖ Release 6 (10/2016)

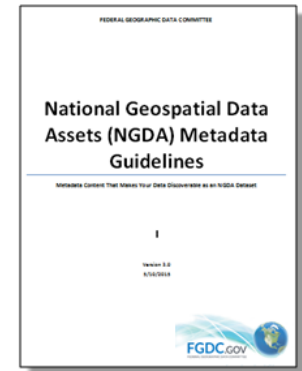
- ❖ “**CMS Core Bundle**” for new communities
- ❖ Enhanced “**Geospatial Search Tool**” – a new reusable GeoPlatform service for searching Data.gov Catalog
- ❖ “**Service Dashboard**” with Enhanced Service Performance Statistics
- ❖ “**O&M System Dashboard**” for improved O&M
- ❖ “**Metadata Editor**” Design & Model Refinement
- ❖ **GeoCONOPS** and **NCC Community** Enhancements
- ❖ New **tutorials** (Creating a Map Gallery, Embedding a Map Gallery in CMS) – available from FGDC YouTube Channel
- ❖ Various minor **fixes/enhancements**

GeoPlatform.gov: Communities

- ❖ **DHS GeoCONOPs Community (v2)** – Content/branding updated and redeployed as subsite in Production
- ❖ **NCC (NGDA Collaboration Community)** – Updated with shared document folder (new requirement) and deployed into Production
- ❖ **DHS GIRA Community** – MIT Lincoln Labs has delivered content to DHS; TechTeam packaging into CMS-Lite container for deploy in R6.
- ❖ **US Fisheries Program** – collaborating on a hybrid combination of AGOL and GeoPlatform services
- ❖ **NDOP Private Community Support** – posting very large files
- ❖ **3DEP Working Group Community** Updates in A-16 Elevation Theme
- ❖ **National Address Standards** Wiki integration in A-16 Governmental Units and Administrative Boundaries Theme

GeoPlatform.gov: NGDA Web Services

- ❖ Provide access to NGDAs through web services and data download
 - ❖ NGDA Metadata Guidelines
 - ❖ Posted to GeoPlatform.gov -
 - ❖ https://cms.geoplatform.gov/sites/default/files/document_library/NGDA_Metadata_Guidelines.pdf
 - ❖ Mid- July: NGDA update emails sent to agencies and Dataset Managers
 - ❖ Update NGDA metadata to include URLs for web services and data download
 - ❖ GeoPlatform can provide assistance to agencies interested in establishing web services



Architecture & Technology Working Group

❖ Status: Active

❖ Previous meeting: 18 August, 2016 focused on

- Draft Charter submitted for approval
- Formal ATWG recommendation procedure
 - 3 recommendations collected via ATWG Wiki, submitted to GeoPlatform Managing Partner
- GeoPlatform Marketing Opportunities

❖ Last Meeting: September 8, 9:30-10:30 ET

❖ New Business:

- **GeoPlatform Feedback Mechanism**: Investigate need/approach for capturing unsolicited layer feedback/VGI and transmitting information to authoritative data sources

❖ Next Meeting: October TBD



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Architecture & Technology Working Group

- ❖ GeoPlatform Workshop: Dec 7 & 8, South Interior Building (SIB) Auditorium
 - ❖ Sponsored by GeoPlatform Managing Partner in conjunction with FGDC and NGA
 - ❖ **Purpose**: Present Geospatial Platform implementation and share GeoPlatform.gov functional capabilities to data stewards
 1. Enhance Information Sharing capabilities by encouraging dynamic information sharing
 2. Provide training on how to access, use, analyze, share geospatial data
 3. Enable community feedback



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Geospatial Investment Strategy

- ❖ Geospatial Investments Definitions approved by the Steering Committee and available to agencies for use
- ❖ Considerations for next steps to be included in the foundation for NSDI Strategic Framework
- ❖ Possibly include a recommendation on geospatial investments in the Transition Strategy for consideration by the next Administration



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FGDC Automated Process Portal -

❖ TO-4 automates FGDC business processes

❖ 1) Membership management 2) Online voting and reporting 3) Work items by committee, org., member

❖ Integrates business process model engine into GeoPlatform

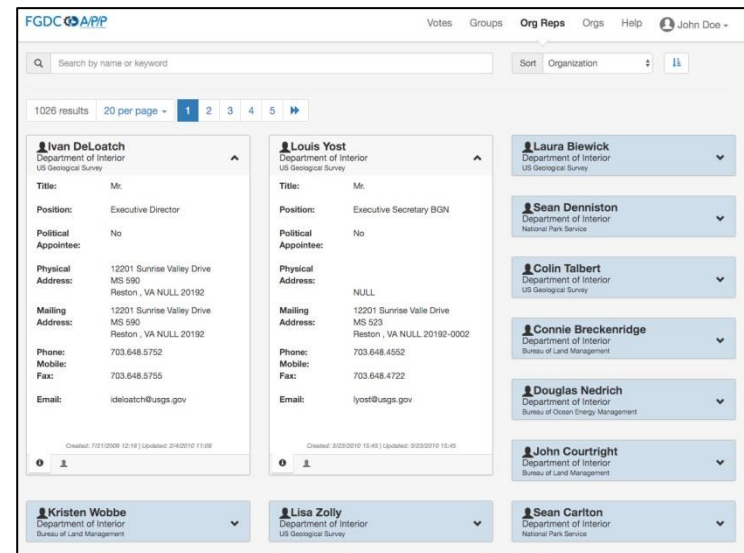
❖ Card-based GUI approach

❖ In August:

- Database cleaning
- Internal testing 2 modules

❖ In September/October:

- Internal testing 3 modules
- Final development/help
- Initial demo to CG (9/13)
- FGDC OS developing role-out guidelines



Example of card-based interface



Capital Planning and Investment Control (CPIC)

❖ USGS CPIC Reporting

- ❖ Completed the monthly EVM
 - Provided Corrective Action Plan for Cost Variance
- ❖ Completed Risk Register Updates
- ❖ Completed Performance Measures updates
- ❖ Preparing documents for upcoming Exhibit 300 Submission
- ❖ Preparing the BY18 Budget Submission documents

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Questions

