

Geospatial Platform Support Contract Monthly Update to Coordination Group

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PMO Contract Support

June 6, 2017



Topics

- ❖ Task Order Summaries
- ❖ Shared Infrastructure and Services
- ❖ GeoPlatform.gov
- ❖ CPIC

Metadata Task Order Summary

❖ TO-9 Metadata Support

❖ Support: Ardent Management Consulting

❖ Activities

- Supported the FGDC sponsored ISO Metadata Summit
 - ISO Metadata Tool Session held on May 23rd
 - ISO Metadata Summit held on May 24th
- Metadata best practices publication in final review (includes services documentation)
- FGDC Metadata Working Group and ISO Forum coordination
- NGDA Theme and Federal agency metadata support
- Upcoming Events:
 - Metadata Working Group meeting June 14, 2017

Technical Task Order Summary

❖ TO-10 Technical Support

❖ Support: Image Matters, Inc.

❖ Activities

- GeoPlatform.gov
 - Development – quarterly releases of new capability
 - Operations and Maintenance
 - Community Support
 - Service Desk support
- Task Order Support
 - Metadata Team ISO Tool Session (5/23)
 - LMA Survey tool
- Upcoming Events
 - Talk at GeoInt Commercial Imagery Summit @NGA

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Portfolio Management Task Order Summary

❖ TO-11 FGDC Portfolio Management

❖ Support: Ardent Management Consulting

❖ Activities

- Lifecycle Maturity Assessment (LMA)
 - Provided training on May 3&4
 - Assessment open from May 8, 2017 to August 4, 2017
 - To date: 3 submitted, 53 in progress, 121 not started, 177 total
- Web Services Project
 - Ongoing: 83 of 177 NGDAs have web services
- Adjudicated CG comments 2015-2016 Portfolio Summary Report
- Continued A-16 Communities operations & maintenance
- Updated NGDA Database and FGDC web pages
- Capital Planning and Investment and Control (CPIC) ongoing
- Upcoming Events:
 - Joint CG/Theme Lead meeting on June 6 from 11-12 ET

PMO Support Task Order Summary

❖ TO-12 FGDC PMO Support

❖ Support: Mason, Bruce & Girard, Inc.

❖ Activities

- Project Planning at PMO level
- Geospatial Platform reporting requirements in development
- Continued support for Geospatial Platform Core Team
- Report out to Coordination Group
- Architecture and Technology Working Group (ATWG) meeting support

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.
 - ❖ Several DOI Bureaus are currently using this AWS based infrastructure
 - ❖ FEMA active customer
 - ❖ Army Corp active customer
- ❖ More information: <https://www.geoplatform.gov/hosting>

GeoPlatform.gov - Release 8 (Live on 18 May)

- **Object Editor**
 - UI/UX Enhancements
 - Dynamic Facets, improved text search
 - Control “visibility” of objects
 - Create new Resource Items:
 - Added Open Layer
 - Improved support for from ISO 19115
 - Import/Export ISO 19139 (lossy)
 - Edit Resource Items
 - Augment, correct, link Dataset, Service, and Layer
 - Auto-update service info, auto-harvest layers
- **Performance Dashboards**
 - Minor UI adjustments
 - Updated to use UAL
 - 2017 LMA Survey development & test support
- **Wordpress integration**
 - Begin migrating Portal and Drupal content to WP for streamlined O&M
- **Unified Access Layer (UAL)**
 - Single API framework for access to all GeoPlatform resources (data and services), controlling
 - User authentication and utilization metrics
- **Updates to Registry+**
 - Updated RIM for UX and ISO 19139
 - Enhanced API for search and management
 - Contributing updates back to the Apache SIS library (open source library for processing ISO metadata)
- **CCB (Community Spaces)**
 - US Border Community example
 - New CCB Templates and Help
 - Dynamic content for event and meeting information, online help, etc. (e.g., Newsfeed)

GeoPlatform.gov - Release 9 (18 August)

Theme: OpenMap, Open API, Utilization, Content and Communities

- **Portfolio Resource Lifecycle Tools**
 - Create, Link, Update, Delete, and Report OpenMap and Map Galleries
 - Import/Export: GeoPlatform Profile of ISO
 - Introduce Taxonomies
 - OE updates for above
- **Update Map Viewer and Map Manager to create and use OpenLayer and OpenMap**
 - Search, View, Link, Save OL/OM objects
- **Enhanced API (Unified Access Layer)**
 - Oauth Integration
 - Close POAMs
- **Resource Utilization**
 - GA for MM, MV, MP, PD,
 - Metrics Collection and Dashboards
- **Community Pilot Projects**
 - Registering Taxonomies, Datasets, Services and OpenLayers
 - Plan for migrating A16 Communities in Drupal to CCB
- **Portal content refresh/ consolidation**
 - Migrate relevant (non-community) Drupal content to WPP
 - Plan for decommissioning Drupal



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GeoPlatform.gov - Communities

- ❖ New A-16 Address Community Space – Now in production
- ❖ Working with BIA as needed for standup of new Community Space (re-established contact but they don't appear active)
- ❖ Working with Invasive Species Council to stand up Community in prep for Western Governors Association meeting
- ❖ Developing Drupal to WordPress migration approach and plan for A16 Communities
- ❖ Demonstrated Object Editor and introduced DRAFT “GeoPlatform Profile for ISO 19115-1 Metadata” during the ISO Metadata Summit (23/24 May)

Capital Planning and Investment Control (CPIC)

❖ USGS CPIC Reporting

- ❖ Completed EVM in eCPIC
- ❖ Updated Performance Measures in eCPIC
- ❖ Updated Risk Register in eCPIC
- ❖ Reviewing documents in preparation for Exhibit 300 submittal