Release Schedule

Recent and Near Term Releases

- Release 2: October 2015 (Done)
- Release 3: February 2016 (Done)
- Release 4: May 2016 (Next)
- Release 5: June 2016 (Planning)
- Release 6: September 2016 (Planning)
Current GeoPlatform

- What’s New:
  - Look and feel
  - Additional map viewer functionality
  - Create and import maps from Esri’s ArcGIS On-Line
  - Create and embed Map Galleries into external sites
  - Portfolio management capabilities to measure and manage national geospatial data assets
  - Enriched geospatial marketplace
  - Secure scalable Amazon Web Service infrastructure
Release 2 & 3 Accomplishments

- Landing Page
- Web Map Viewer 2.0
- AGOL Map Harvester
- Map Manager, Phase I
- NGDA Survey Tool
- 3DEP Project Tracker
- Performance Dashboard, Phase I
- IDM/IDP Replacement
- Service Desk process defined and implemented
- O&M/DevOps fully implemented
- 90% in-the-cloud
Release 3 Overview

- “Go Live” date Feb 2016
- Enhanced user experience and navigation for both first-time and frequent users
- New Homepage and overall responsive site design
- Interactive browse / view / mashup of all geospatial web services in Geoplatform.gov catalog with service quality indicators

Welcome to the
Geospatial Platform

The GeoPlatform provides shared and trusted geospatial data, services, and applications for use by the public and by government agencies and partners to meet their mission needs.

GeoPlatform users have access to
- A one-stop shop that delivers trusted, consistent data and services
- Authoritative data to support informed decision making
- Reusable applications and services for governmental and nongovernmental use
- A shared infrastructure that can host your data and applications
- A focal point where governmental, academic, private, and public data can be visualized together to inform national and regional issues
GeoPlatform R3 Overview (con’t.)

- Web Map Viewer Phase II:
  - Map saving and sharing
  - Map Knowledge Graph prototype

- Map Manager, Phase II with AGOL Harvester

- Performance Dashboard, Phase II:
  - Service Checker
  - NGDA Metadata Viewer
  - Batch Selections

- Registry prototype

- Mobile Observation Services
New User Benefits

- Enhanced navigation to quickly direct users to specific areas of interest
- Account registration and management for added access and functionality
- Tutorials and training opportunities
- Help tools
- Dedicated and responsive Service Desk

About GeoPlatform

GeoPlatform.gov was created to enhance geospatial resource sharing across the U.S. Government and the world, and to allow users like you to participate in an online geospatial services experience. Whether you want to discover and use up-to-date National Geospatial Data Assets (NGDAs), make a shared gallery of maps for your website, or more, GeoPlatform.gov is a place for the ecosystem.

Tip: Access any of the GeoPlatform’s areas of interest without registering.
Account Management

- SSO and seamless access to data.gov and geoplatform.gov resources
- Access to enhanced service capabilities:
  - Performance Dashboard
  - AGOL Map Harvester
- Ability to save and import maps in the Web Map Viewer (WMV)
- Creating/editing Map Galleries with Map Manager
Web Map Viewer

- Multiple data browse, filter, and sort features
- Dataset preview
- Add user content: Digitize features or Upload .KML, GeoJSON, .CSV, or shapefiles (in .ZIP) to extract features
- Gazetteer and Geolocation support
- Control layer ordering, visibility, opacity
- Save and share maps (Web Map Context)
- Publish composed maps
Map Manager

- Browse harvested AGOL maps by search filters or organization
- Create map galleries with maps from WMV and AGOL
- Share maps and galleries via email
- Embed map blocks and curated gallery pages into other websites
- Customize gallery page with community and keywords
- Manage gallery pages
- Permissions-based access and use
ArcGIS Online Integration

- Harvest maps from ArcGIS online organizations and publish them to the GeoPlatform
- Search and Discover maps by search filters or organization
- Unlimited publishing of data and maps to AGOL*
- Create map galleries with maps from WMV and AGOL
Performance Dashboard

- Tools to measure, monitor, and report on NGDAs and services
- NGDA Dataset Lifecycle Maturity Assessment survey tools
- Service Checker
Performance Dashboard - Reliability

Reliability of USGS National Structures Service
What’s Coming in Release 4 (May)?

- **Community Engagement.** New applications, services and tools for integrating with and enhancing content
- **Upgraded Marketplace Service**
- **New metadata tools** for discovery of resources and linking data to services
- **Measurement, Monitoring, and Reporting.** Quantitative performance metrics (data lifecycle maturity, QoS service tracker, with service utilization,
What are we working on?

- Map Knowledge Graph and enhanced Registry services
- Layer recommendation service
- More NGDAs available via reliable services
- Additional Marketplace functionality
- APIs for Developers
Conclusion

GeoPlatform is helping advance the NSDI by enabling users to:

- **More easily find existing maps and data**: Semantic search / Knowledge graphs will help users surface the right content more quickly and easily
- **Get access to more high quality NSDI services**: Cloud hosting offerings have the ability to change the game in terms of making high quality data available
- **Understand (and improve!) the quality of the NSDI services**: Service status checker and performance dashboard allow users to continuously monitor the component services of the distributed NSDI
- **More easily share data, tools, maps and collaborate**: GeoPlatform offerings bring collaboration and analytics tools at scale to end users in all sectors
Thank you