Value Proposition

- Streamlines access and use of National Geospatial Data Assets and reduces data duplication
- Reduces data acquisition costs using a collaborative Marketplace
- Supports better decision making
- Maximizes the reuse of open services, tools, data and knowledge
Investment Efficiency

- **GeoPlatform Marketplace**
  - Quickly post and easily search for planned data acquisitions
  - Publish and find planned data collection projects
  - Expand opportunities to partner on data acquisitions (reducing costs and duplicate efforts)
  - Major changes and improvements **coming soon**
GeoPlatform Implements Open Standards:

- Leveraging National / International geospatial and information technology standards
- Providing open geospatial data/tools/services
- Maximizing reuse and Interoperability

Exploit Data with Open Application Services

Web services play a key role in any open platform experience. GeoPlatform.gov provides this experience in two ways:

1. Application services (tools) that run in your browser, which you can use to perform useful tasks; and
2. Web services that a developer integrates into their own application, through standards-based application program interfaces (APIs).

We have several application services in this new version GeoPlatform.gov. In the near future, we will be launching a new Developer’s Portal so that national geospatial resources are available to any application.
GeoPlatform Target Audiences

- FGDC members
- FGDC partners
  - A-16 data stewards
    - Coordination Group
    - Steering Committee
    - SAOGIs
  - Stakeholders (States, Tribes, local gov't, orgs (COGO, NSGIC, NGAC)
- Other federal, state and local agencies
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
  - Improved integration and account sharing with Esri ArcGIS Online
  - 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
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 in an ecosystem.

Tip: Access any of the GeoPlatform’s areas by clicking the Search button.

Contact Us

Please check out our Help and FAQ pages in case your question or issue has already been addressed. If you still need help or want to report an issue, please send us an email at:

servicedesk@geoplatform.gov

For questions about the federal government not related to GeoPlatform, visit USA.gov or call 1 (800) FED INFO (1-800-333-4636) (8am - 8 pm ET Monday - Friday).
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 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 can 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