



# Geospatial Platform Update

FGDC Steering Committee

March 19, 2013

# Geoplatform 2.0

## ◆ Goals:

- Drive IT efficiencies (FY12 original budget guidance, now OMB Shared Service)
- Facilitate the **use** of geospatial data and tools
- Focus on **National Geospatial Data Assets**
- Allow communities of practice/interest to work together and share



- Collaborate
- Discover
- Share



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### Explorer

Look at popular datasets and find out what can be done with various datasets. If you're looking for a specific dataset either use the search feature or browse datasets by category.



### Developer

Find resources to develop your own datasets, resources on data formats, and find examples of what others have done and how they've done it.



### Publisher

Upload and register your datasets here to share with other FGDC members and agencies. You retain ownership of all datasets you publish to the Geoplatform, but others can use your data.



### Recent Data Updates

#### National Wetland Inventory

USFWS Annual Update Registered and Published; Added to Environmental,

### Social Media

#### Twitter

MapGuy: *Waiting the see the updated #geoplatform at the #FedGIS.* 9:29am

### News

#### America's Great Outdoors Community Established

#### GSA Explores Facilities Management

# Communities on Geoplatform.gov

- ◆ Basic capabilities – shared with Data.gov but enhanced with our maps and data
  - Rotating feature stories
  - Highlight data (NGDAs) from Data.gov / GP catalog
  - Highlight maps & apps
  - Documentation libraries
  - Threaded discussions
  - Blogs
  - Feedback forms
  - Request membership
  - **Other features as prioritized by theme managers**



# Hurricane Response Community

- ◆ Strong partnership support from NOAA, FEMA, USGS, State of Texas
- ◆ Nearly 50 items registered in group on Platform
- ◆ Webmaps / Templates Available and in Production
  - Weather, Forecasts & Modeling
  - Pre-event Planning (Fed only)
  - Post-event Recovery Scenarios
  - Pre-event Planning w/ State Data
  - Named Storm Information View
- ◆ Raised need for contextual info – beyond maps
- ◆ Discussions of how Agencies interact w/ Platform





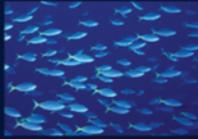
### Weather Topic

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### Biology Topic

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#### Developer

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#### Communities



#### Recent Data Updates

##### National Wetland Inventory

USFWS Annual Update Registered and Published; Added to Environmental,

#### Social Media

##### Twitter

MapGuy: *New map and data shared #geoplatform.* 30 min. ago

#### News

##### Hurricane Sandy Community Established

Sed ut perspiciatis unde

**Energy Topic Title**

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Advanced Search

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**Developer**

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**Publisher**

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**Community**



E-TECH



NUCLEAR



RENEWABLE



ELECTRIC

**Recent Data Updates**

**U.S. Billion Ton Update**  
10.11.2013

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**Social Media**

**DOE's next Google+ Hangout is at 2pm EST**  
10.11.2013

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**News**

**Hurricane Sandy Community Established**  
10.11.2013

**Energy Summit Get the latest**  
10.11.2013



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- Featured Datasets
- Map Gallery
- Participants
- Governance
- Resources
- Forums
- Events
- Blogs

### America's Great Outdoors (AGO)

AGO takes as its premise that lasting conservation solutions should rise from the American people – that the protection of our natural heritage is a non-partisan objective shared by all Americans. AGO recognizes that many of the best ideas come from outside of Washington. Instead of dictating policies, this initiative turns to communities for local, grassroots conservation initiatives. Instead of growing bureaucracy, it calls for reworking inefficient policies and making the Federal Government a better partner with states, tribes, and local communities.

- Tools & Services
- Conservation
- Connections
- Partnerships
- Summary

The "AGO Activity Area Nomination Tool" allows for the creation, collaboration, and sharing of potential areas of AGO activity. The environment will also allow existing AGO activities to be demonstrated against newly nominated areas. The tool fulfill a partner space to draw, discuss, and consider key AGO activities. This tool is available under the "Tools and Services" section of this community.

### Highlight on the National BlueWays Program, Connecticut River BlueWay

The National BlueWays System will recognize and support a new generation of river and watershed action that connects communities to our shared natural heritage, to recreational opportunities, to sustainable economies, and to each other. National BlueWays will foster health, strengthen

- ### Featured Events
- Connecticut River BlueWay Planning Session, March 22, 2013.
  - America's Great Outdoors Northeast Regional Meeting, March 27, 2013.
  - America's Great Outdoors Southwest Regional Meeting, April 16, 2013.
  - Snake River BlueWay Youth Rafting Trip, May 18-19, 2013.
  - Columbia River Field Trip, June 8-15, 2013.

### Developer Overview

Welcome to the Geoplatform.gov Developer Pathway. On this site you will find the tools, documentation, downloads and forums to help you, collaborate, discover, consume and distribute your geospatial data, web maps, apps and maps.

Use this space to ask questions, suggest enhancements and embrace your inner geogeek along with others. Share your knowledge and ideas, and most importantly push the limits of what the data can do.



- [How to Store Maps](#) →
- [How to Publish in the Map Gallery](#) →
- [How to Access Web Services](#) →

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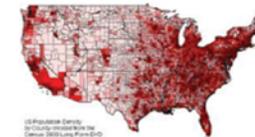
Type a search term above to search the content of the site. For a more specific search, click on "Go to Advanced Search".

### API's

Both Desktop and web based APIs are described here, and how you can discover, consume and use the data from GeoPlatform. Using your development skills in Python, .NET, Flex or Javascript you'll be visualizing and analyzing data in a matter of minutes using our examples and code snippets.

### Map Gallery

Share your amazing cartographic skills or view other Developers and Analysts Maps and Apps, for download, or use. See what cool new things your peers are doing and use them to enhance your analysis or viewer. Find a new base map, or a new plug in for your use



#### Tools

Find the right tool for the right geojob. Look through the GeoPlatform's specialized plug-ins and widgets to find how to interface the GeoPlatform's data collection, collaboration and discovery capabilities with your web viewer, mobile app or

#### Documentation

Wondering what is Python and how you can use it to help you run your latest analysis? Just started playing around with Spatially enhanced SQL? Looking for specific information about a function or call? Search our document repository to find information on both vendor

#### Downloads

Ready to start your first web map? Looking for desktop software? Click on our downloads page to find the latest APIs and Desktop applications from vendor specific products and the open source community. Or access the GeoPlatform's GitHub Community and fork what we've been working

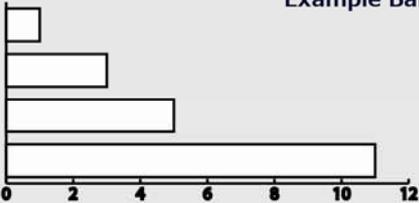
#### Forum

Got a question, or some free time to answer one? Post or search our forums for questions about how to use the GeoPlatform to enhance your application or analysis. Feel free to ask questions about anything related to geo as well, we won't delete it, we promise.

# A-16 Theme Communities

- ◆ Theme managers are content administrators
  - Decide which components to use
  - Manage content published on the community
  - Control user access
- ◆ Lifecycle Metrics
  - Dashboard for dataset and theme metrics

**A-16 Data Themes Executive Dashboard**

|  | Theme Name          | # of Datasets  | Last Walkthrough | \$ FY12   | \$ YTD | \$ FY13 | Status   |
|--|---------------------|--|------------------|---|--------|---------|--|
| >  | Biota               | 5  | 10-16-2010       | \$375k  | \$50k  |         | <span style="color:red">■</span> <span style="color:green">■</span> <span style="color:gray">■</span> <span style="color:gray">■</span> <span style="color:gray">■</span>  |
| >  | Cadastral           | 19   | N/A              | \$900k  | \$25k  |         | <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:gray">■</span>                                    |
| ∨  | Geology             | 19   | 06-23-2010       | \$900k  | \$25k  |         | <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:gray">■</span>                                    |
|  <p>Example Bar Chart</p> |                     |  <p>Example Pie Chart</p> |                  | <p>Monthly/Quarterly Report</p> <hr/> <p>Google Analytics Report</p> <hr/> <p>FGDC/OMB Metrics Report</p> |        |         |  |
| >  | Climate and Weather | 6  | N/A              | \$900k  | \$25k  |         | <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:gray">■</span> <span style="color:gray">■</span>  |
| >  | Cultural Resources  | 6  | N/A              | \$900k  | \$25k  |         | <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:gray">■</span> <span style="color:gray">■</span>  |
| >  | Elevation           | 8  | N/A              | \$900k  | \$25k  |         | <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:gray">■</span> |
| >  | Geodetic Control    | 6  | N/A              | \$900k  | \$25k  |         | <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:gray">■</span> <span style="color:gray">■</span>  |
| >  | Soils               | 2  | N/A              | \$900k  | \$25k  |         | <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:gray">■</span> <span style="color:gray">■</span>  |
| >  | Governmental Units  | 67   | N/A              | \$900k  | \$25k  |         | <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:green">■</span> <span style="color:gray">■</span> <span style="color:gray">■</span>  |

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# Geospatial Platform Marketplace

## Goals

- ◆ Broker partnerships
- ◆ Avoid duplicative or redundant spending
- ◆ Measure interactions or deals made

## Features

- ◆ Searchable metadata for data to be acquired
- ◆ Access information on available contracts (DaaS)
- ◆ Policy on federal use of Marketplace

***Available by 9/30/2013***



# Geoplatform 2.0 – Next Steps

- ◆ Continue execution on technical milestones above
  - Spring release of new website and infrastructure
- ◆ Clearly define service catalog so Departments can make choices and plan
- ◆ Develop guidance on hosting options for NGDAs
- ◆ Work with USDA on FISMA documentation
- ◆ Develop guidance on use of new Marketplace
- ◆ Establish reporting dashboard content for NGDAs
- ◆ Training, Support and Outreach

# Geoplatform 2.0 – FY14 Support

- ◆ Preparing a solicitation to re-compete the Geospatial Platform / Shared Services support contract, potentially including:
  - Web, web services and applications development
  - Hosting, Operations and Security
  - Architecture Planning
  - User Support / Help Desk
  - Support for User Communities
  - Program / Project Management
- ◆ Multi-year IDIQ with potential for multiple awards
- ◆ Evaluating options to make contract available to all FGDC partner agencies





## Questions?

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