

GeoPlatform.gov Features and Direction

October 29, 2019

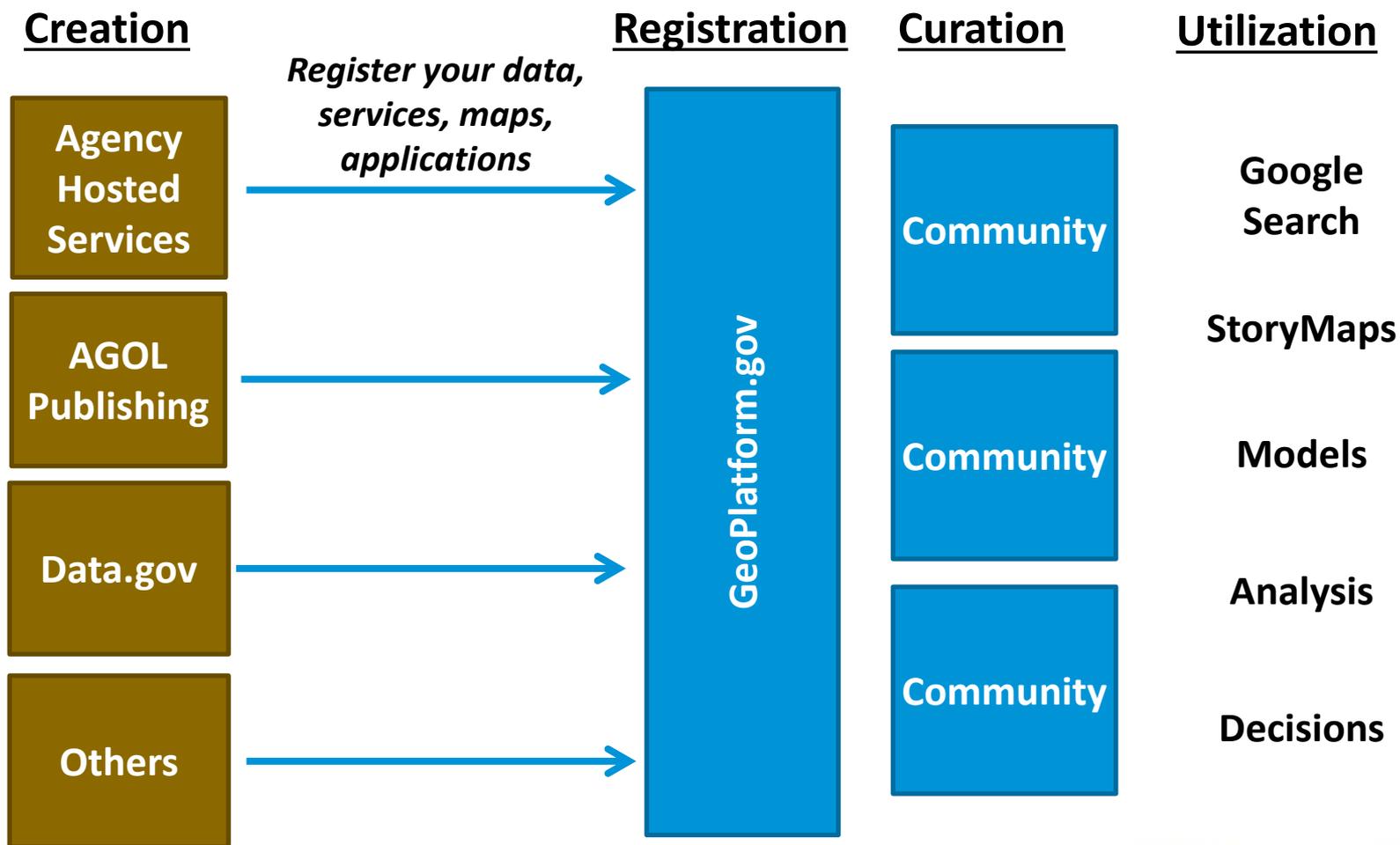
Joel Schlagel

GeoPlatform.gov Ambassador, USACE



Event-driven workflows for inter-agency data sharing

Enabling “FAIR” (Findable, Accessible, Interoperable, Reusable)...



GeoPlatform.gov Today

October 29, 2019

John Davidson

GeoPlatform Technical Team,
Image Matters LLC

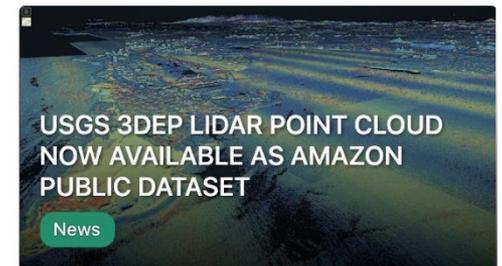


GeoPlatform.gov

- The centerpiece of US spatial data infrastructure
- Aggregates geospatial resources, including GIS datasets, web services and layers, maps, web applications, websites, and more
- Employs OGC, ISO, W3C and other IT standards to ease interoperability issues
- GeoPlatform's collaboration capabilities enable users to share data easily

GeoPlatform.gov

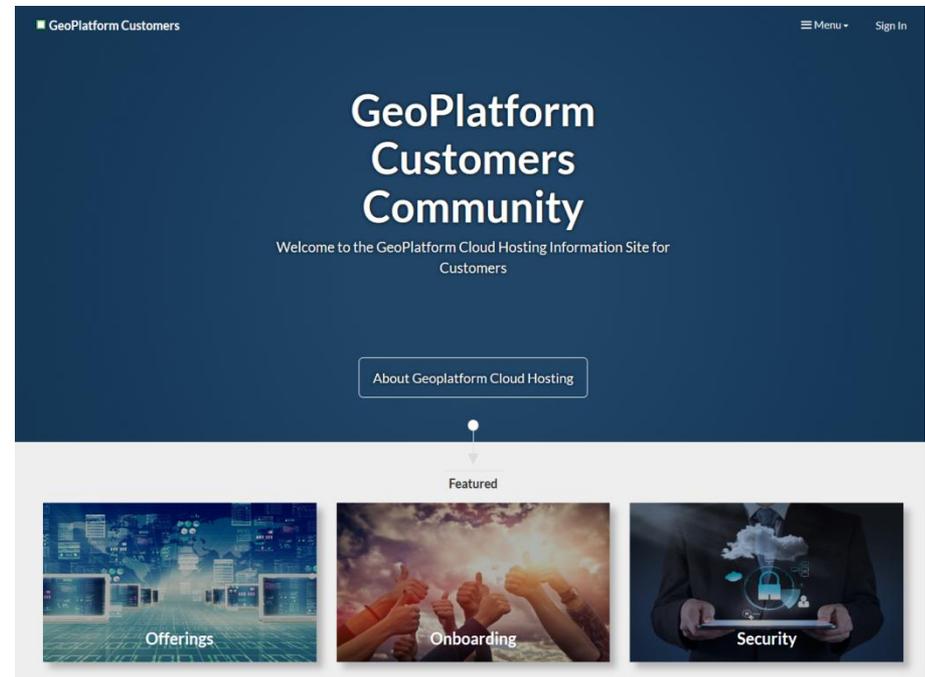
Welcome to the GeoPlatform!



GeoPlatform Cloud Hosting Services

A managed hosting service for geospatial assets of FGDC member agencies

- Amazon (AWS) public sector and GovCloud managed environment.
- ESRI and OpenGeo technology stacks and managed services.
- FISMA Moderate managed software
- Leveraging cloud GIS deployments
 - FEMA
 - Army Corp
 - USGS
 - BLM
 - FWS
 - DOT/Census
 - DOI
 - NPS



<https://communities.geoplatform.gov/gpcustomers>

A Day in the Life of GeoPlatform...

I'm a first time visitor to the GeoPlatform...

I've got a new web service to register so others can access...

I'm looking for authoritative levee data...

I've got a map I want to load and enhance for my people to see...

Who's got Lidar acquisition projects planned or underway for the Mid Atlantic coast?

Our multi-agency workgroup needs an online community to share the portfolio of resources we're curating...

I've got a bunch of maps I want to share in my Community Space...

Which of the services in the portfolio are not performing so well?

GeoPlatform Main Menu

I'm a first time visitor to the GeoPlatform...

 GeoPlatform.gov

Explore ▾

NGDA Themes

Search

Help

More

 Sign In

FEATURED

- [Release Overview](#)
- [Map Collaboration](#)
- [ArcGIS Online Support](#)
- [Cloud Hosting Services](#)
- [GeoPlatform on YouTube](#)

View tutorial videos on YouTube

GET INVOLVED

- [Share Geospatial Resources](#)
- [Data Acquisition Services](#)
- [GeoPlatform Community Resources](#)
- [Documents and References](#)

Explore Communities

EXPLORE DATA

- [Object Editor](#)
- [Search Data.gov](#)
- [GeoPlatform API Organization](#)
- [Feature Preservation Explorer](#)
- [Search Marketplaces](#)
- [Data & Services](#)
- [Map Viewer](#)
- [Map Manager](#)
- [Performance Dashboard](#)
- [Resources Dashboard](#)
- [Feedback Checker](#)

Checkout National Geospatial Data Assets

ABOUT

- [GeoPlatform Portfolio](#)
- [Accessibility](#)
- [GeoPlatform.gov Style Guide](#)
- [Privacy Policy](#)
- [Data Policy](#)
- [Archives](#)
- [Contact Us](#)

Expand Menu

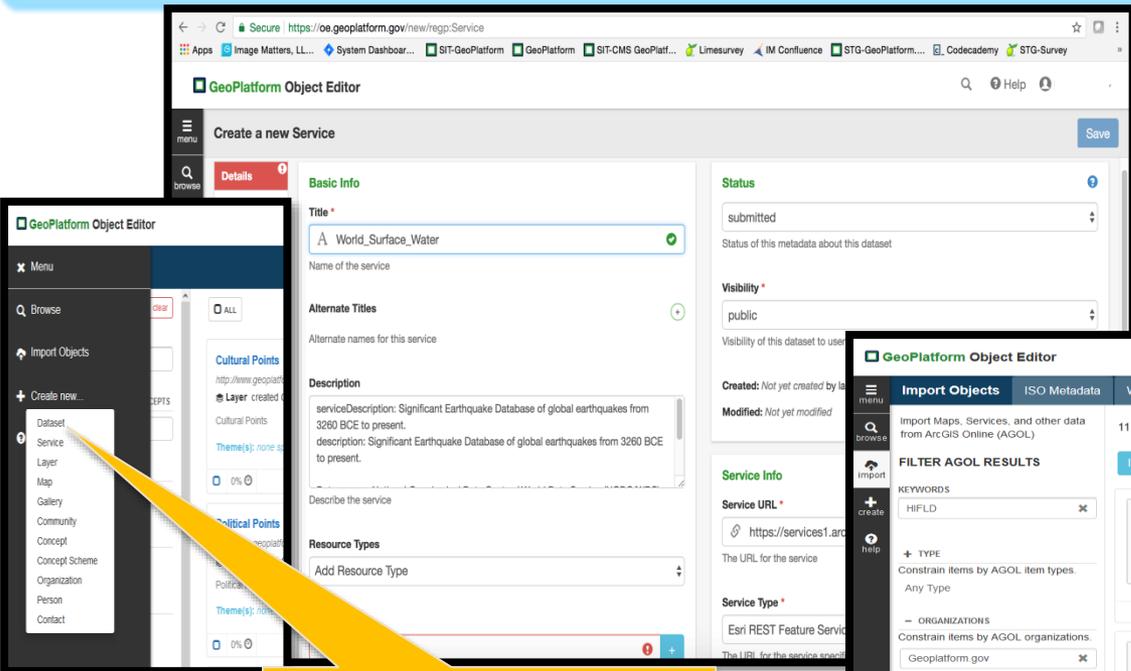
Sign-up, sign-in

About, Help, Resources & References

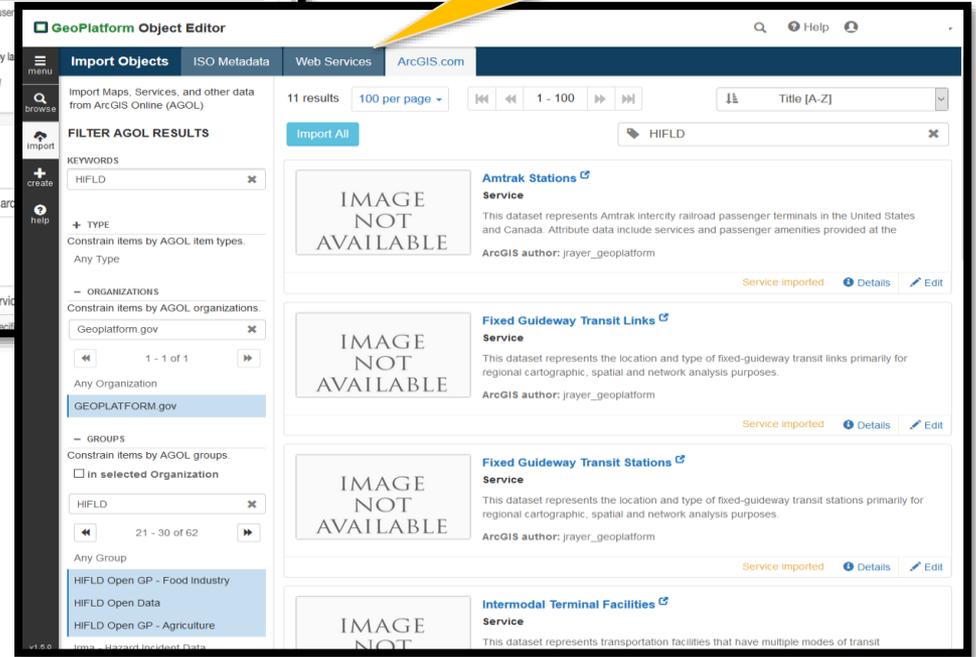
GeoPlatform Object Editor

I've got a new web service to register so others can access...

Or register a new Service Object from metadata, spreadsheet, or ArcGIS Online



Create new Service Object from scratch (just need its URL)

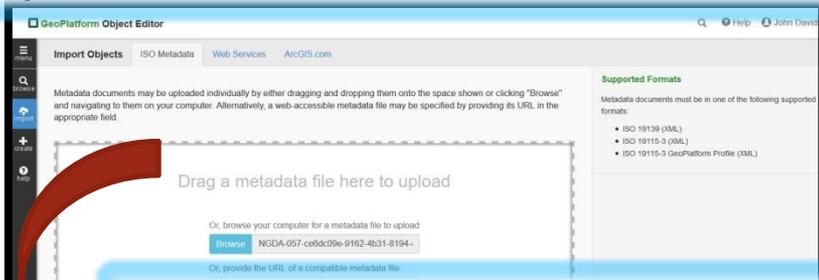


<https://oe.geoplatform.gov>

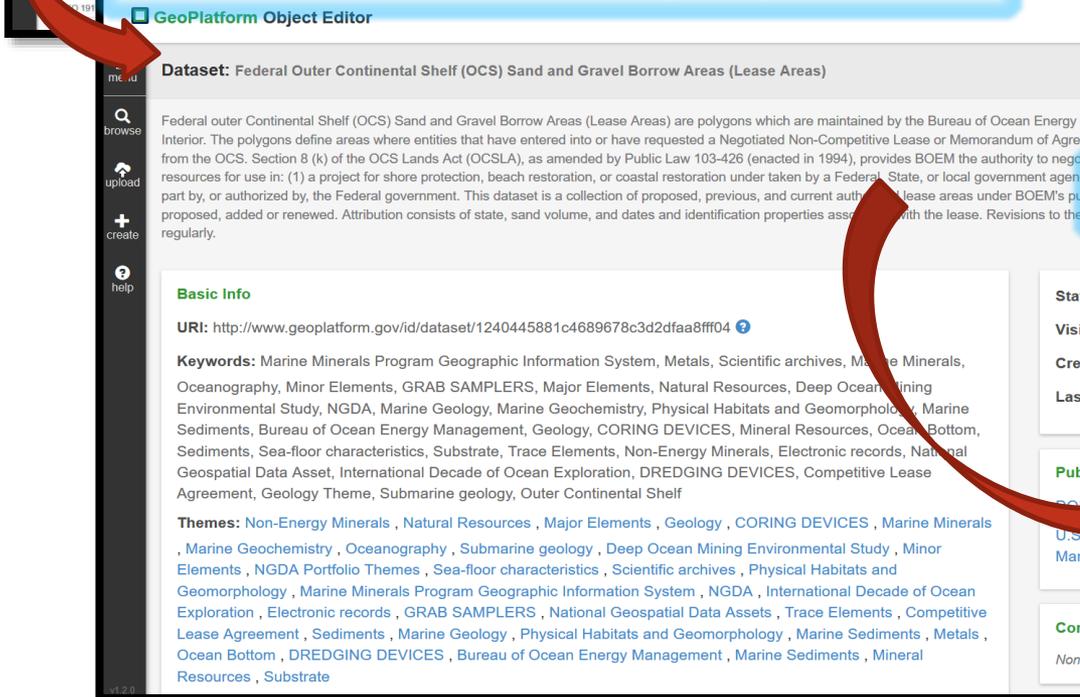
Object Editor

Upload metadata from URL or local file

Import metadata from data.gov



View, Edit, and Link using Object Editor



Export to ISO 19115 metadata



GeoPlatform Search

I'm looking for authoritative levee data...

Search from GeoPlatform Portal or from within Community Spaces

Levees Search

Levees Search

55 results 10 per page < 1 > Most recently modified

- National Levee Database**
Dataset by georef | created Oct 28, 2018 | last modified Oct 28, 2018
The National Levee Database is authoritative database that describes the location and condition of the Nations levees. The database contains 21 feature
Find similar items
- National Levee Database OGC Web Service**
Service by jvdavidson | created Oct 24, 2018 | last modified Oct 24, 2018
Provides spatial and attribute data in both WMS and WFS that make up flood control systems and other supporting infrastructure
Find similar items
- Pump Stations**
Layer | created Oct 24, 2018 | last modified Oct 24, 2018
A location where a pump is located to pump water from the ground or a stream into a water body
Find similar items
- Piezometers**
Layer | created Oct 24, 2018 | last modified Oct 24, 2018
The location of an open tube placed in the ground or a stream to measure subsurface water elevation.
Find similar items
- Stations**
Layer | created Oct 24, 2018 | last modified Oct 24, 2018
A location of a specific levee distance mark along the length of a levee system from a designated beginning point.
Find similar items

Levees Search

1 results 10 per page < 1 > Most recently modified

- National Levee Database**
Dataset by georef | created Oct 28, 2018 | last modified Oct 28, 2018
The National Levee Database is authoritative database that describes the location and condition of the Nations levees. The database contains 21 feature
Find similar items

Found Datasets, Services, Layers, Maps with the phrase "Levees"

Found the Authoritative NGDA Dataset

<https://www.geoplatform.gov/geoplatform-search/#/?keywords=NGDA&q=Levees>

GeoPlatform Marketplace

Who's got Lidar acquisitions planned or underway for the Mid-Atlantic coast?

**Federal Agency (A-11)
Planned Geospatial
Investment Reporting**

GeoPlatform Data.gov Search

Marketplace 3 results 25 per page 1 - 25

You are searching for Planned Investments. [Learn more about using the Marketplace](#) to find or report planned investments.

USGS USGS National Lidar and DEM Acquisition Plan Objectives for FY19 from The National Program (3DEP) - National Geospatial Data Asset (NGDA) 3D Elevation Program Data
Federal U.S. Geological Survey, Department of the Interior

NOAA U.S. Federal Mapping Coordination
Federal National Oceanic and Atmospheric Administration, Department of Commerce

NOAA NOAA Office for Coastal Management Planned Data Acquisition for Lidar
Federal National Oceanic and Atmospheric Administration, Department of Commerce

Faceted search

DATA.GOV

DATA TOPICS IMPACT APPLICATIONS DEVELOPERS CONTACT

DATA CATALOG / Datasets Organizations

Submit Data Story Report Data Issue

U.S. Federal Mapping Coordination
Metadata Updated: February 7, 2018

The Sandy Emergency Supplemental appropriations contained funds for federal and state agencies that will go to ocean and coastal mapping data acquisition. These data are needed for a variety of reasons - marine debris identification and removal, beach renourishment, engineering and repair decisions, habitat change assessments, nautical chart updates, inundation modeling, strengthening for future storms and coastal resilience... The list goes on, but the common thread is the need for OCM data to support decision-making.

As the Integrated Working Group on Ocean and Coastal Mapping, NOAA and its collaborating federal mapping agencies are collecting information on requirements and plans of Federal and state agencies for areas impacted by Hurricane Sandy. The goal is to ensure that the emergency supplemental funding is used to "map once, use many times." The kinds of activities we'd like to include in this Sea Sketch project are requirements AND plans in the Sandy-impacted region for: hydrographic surveys (side scan/single /multibeam); topographic, bathymetric, and topobathy lidar; digital imagery; hyperspectral, etc.

Contact
kurt.a.nelson@noaa.gov

Share on Social Sites
Google+
Twitter
Facebook

Dataset extent

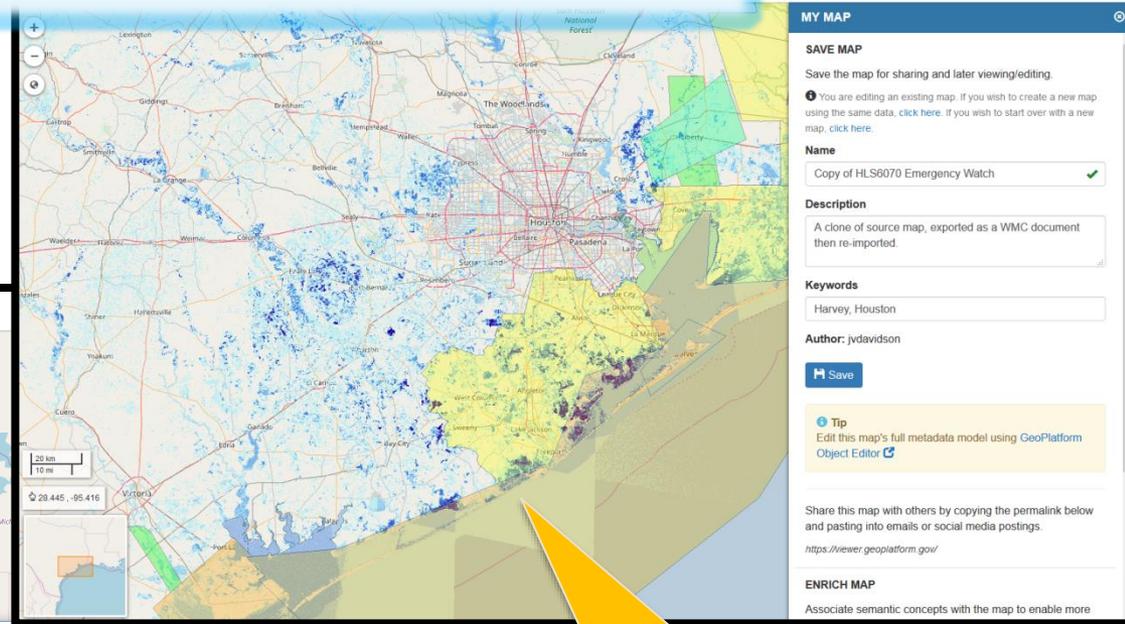
Download
Open With Visit page

<https://data.geoplatform.gov/?progress=planned&h=Marketplace&q=Lidar>

GeoPlatform Map Viewer

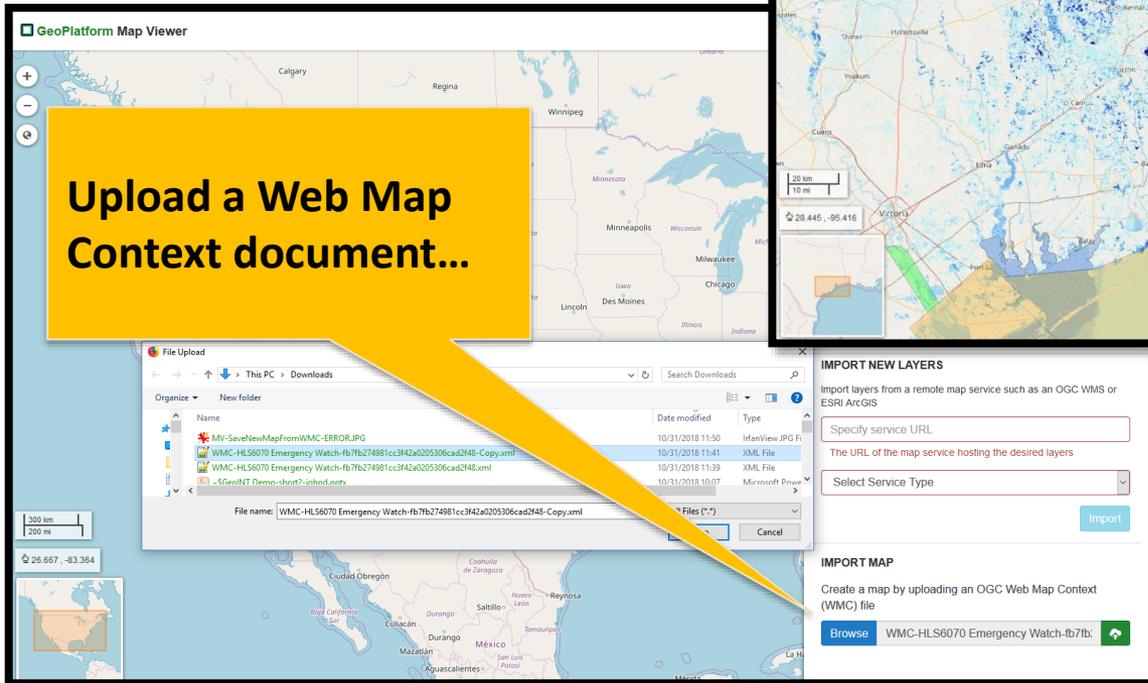
I've got a map I need to quickly load, add some layers, and share for my people to see....

<https://viewer.geoplatform.gov/>



Upload a Web Map Context document...

New map created from WMC document... add more layers and save.



GeoPlatform Map Manager (Galleries + Communities)

I've got a bunch of maps I want to show in my Community Space...

Create or pick a Gallery

The screenshot shows the GeoPlatform Map Manager interface. On the left, there's a gallery titled 'HURRICANES' with a description, keywords, and views. The main area displays a grid of map thumbnails with titles like 'NWS Storm surge prediction', 'Florence Imagery', 'Trafficability Dashboard', and 'Hazards Data Distribution System'. A yellow callout box points to the 'Embed Gallery' section, which contains HTML code for embedding the gallery. On the right, a detailed view of a map titled 'Evacuation Routes and Emergency Locations' is shown, featuring a map of the Southeastern US with various colored circles representing data points. A sidebar on the right contains search and metadata options.

Embed the Gallery iFrame with other content in your Community Space or any web site...

<https://maps.geoplatform.gov/galleries>

<https://communities.geoplatform.gov/ccb-demo/hifld-data/>

GeoPlatform Dynamic Digital Communities

Our multi-agency workgroup needs an online community to share the portfolio of resources we are actively curating...

Create or pick a Theme

Community Search Plugin

Live Map Plugin

Map Gallery Widgets

Portfolio Search Plugin

<https://communities.geoplatform.gov/ccb-demo>

GeoPlatform Performance Dashboards

Which of the services in the portfolio are not performing so well?

GeoPlatform Performance Dashboard

SERVICES DASHBOARD

All monitored services can be evaluated here. You can filter services through the filter tool, and sort them by your desired criteria. Clicking on the service title will give you a more detailed look at a particular service.

Filter 101 - 150 of 244 results 50 per page

Service Name	Status	Score	Latency	Uptime	Reliability	Themes	Publishers	Keywords
PSAP 911 Service Area Boundaries	Online Compliant	99.66	0.43s	88 / 100	295			
Land Mobile Private Transmission Towers	Online Compliant	99.7	0.39s	88 / 100	331			
US Army Corps of Engineers (USACE) Civil Works Districts	Offline Not Compliant	N/A	N/A	80 / 100	0			
National Hydrography Dataset (NHD) Waterbodies (High Resolution)	Online Compliant	99.65	0.45s	79 / 100	331			
Levees At Risk (FEMA)	Offline Not Compliant	N/A	N/A	79 / 100	0	0 themes	0 publishers	
Outer Continental Shelf (OCS) Blocks and Official Protraction Diagram Areas	Offline Not Compliant	N/A	N/A	74 / 100	0	0 themes	0 publishers	
USGS Highwater Marks (Hurricane Harvey)	Offline Not Compliant	N/A	N/A	73 / 100	0	0 themes	0 publishers	
National Hydrography Dataset (NHD) Water Bodies (Medium Resolution)	Online Compliant	99.66	0.44s	72 / 100	331	0 themes	0 publishers	
Electric Substations	Offline Not Compliant	N/A	N/A	60 / 100	0	0 themes	0 publishers	
Power Plants	Offline Not Compliant	N/A	N/A	60 / 100	0	0 themes	0 publishers	

GeoPlatform Performance Dashboard

SERVICE: LAND MOBILE PRIVATE TRANSMISSION TOWERS

Created by jddavidson on Dec 1, 2017. Last modified on Dec 1, 2017.

ONLINE
COMPLIANT
Last Score: 99.7/100
Trending: -
Days Online: 331 days
Last updated: 10/31/2018 8:00:14 AM

Good!

Details

Service Type: Esri REST Feature Service

Service URL: https://services1.arcgis.com/Hp6G80PyXom/QueryArcgis/rest/services/Land_Mobile_Private_Transmission_Towers/FeatureServer

Identifiers: agol:8ed99d58c4d4e0e82c9fa77cd98c65d, ngp:841b5a96.7836.4116-a00f-ec91a0757c59

URI: http://www.geoplatform.gov/id/service/cbe1dd8a604b800a5e4d255fa90566

Themes: None specified

Publishers: None specified

Keywords: Puerto Rico, HFLD, FCC, Hawaii, Continental United States, Guam

Statistics

Last Checked: 10/31/2018 8:00:14 AM

Online: Online

Compliant: Not Compliant

Current Score: 99.7/100

Current Speed: 0.39s

Average Speed (lifetime): 4.71s

Average Speed (last 7 days): 0.4s

Days Online: 331 days

Days In Service: 243 days

Percent Uptime (lifetime): 87%

Percent Uptime (last 7 days): 100%

Reliability Rating: 88/100

Datasets: Land Mobile Private Transmission Towers

Statistics

Last Checked: 10/31/2018 8:00:14 AM

Online: Online

Compliant: Compliant

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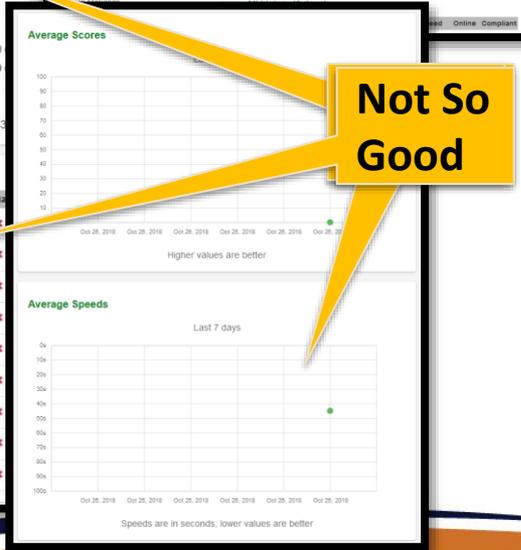
Percent Uptime (lifetime): 87%

Percent Uptime (last 7 days): 100%

Reliability Rating: 88/100

All history (6 days)

Timestamp	Score	Speed	Online	Compliant
10/31/2018 2:19:50 PM	0	45s	✓	✗
10/31/2018 8:00:02 AM	0	45s	✓	✗
10/30/2018 4:25:15 PM	0	45s	✓	✗
10/30/2018 2:24:23 PM	0	45s	✓	✗
10/30/2018 8:00:02 AM	0	45s	✓	✗
10/29/2018 8:00:02 AM	0	45s	✓	✗
10/28/2018 8:00:03 AM	0	45s	✓	✗
10/27/2018 8:00:02 AM	0	45s	✓	✗
10/26/2018 8:00:02 AM	0	45s	✓	✗



<https://dashboard.geoplatform.gov/sd/explore>



What's new in 2019?

National asset integration, open interoperability, community engagement , search...

Portal Makeover <https://www.geoplatform.gov>

- Fresh content, New look, 508 compliance, Activity-oriented (create, search, collaborate)

Community Tool Kit (CTK) <https://www.geoplatform.gov/help/community/>

- Widgetized CCB Theme + new and updated Plugins
- Best-in-class 3rd-party Theme (Astra and Elementor)

Resource Performance Module (RPM) <https://dashboard.geoplatform.gov/rpm/>

- Utilization dashboards for GeoPlatform Content, Assets, and Communities

GeoPlatform Unified Search <https://www.geoplatform.gov/geoplatform-search/>

- Google Dataset Search (in final stages of testing)

Earth Observation Explorer (EOX) <https://eox.geoplatform.gov>

- Cataloging and searching Earth Observation products

Disaster Community Vocabulary Module

- SKOS vocabularies from the FEMA ESFLG Model and Data Inventory (MODI)

New Portal Experience

New Resource-oriented Menu

Explore Resources ▾

NGDA Themes

Search

Help

More

Sign In

Datasets

Services

Layers

Maps

Galleries

Communities

GeoPlatform.gov

Welcome to the GeoPlatform

Featured Maps and Articles

NGDA Themes

Search

Help

More

Sign In

GeoPlatform.gov

Explore ▾

NGDA Themes

Search

Help

More

Sign In

NGDA Biodiversity and Ecosystems Theme

HOME > NGDA.THEMES > BIODIVERSITY

FEATURED NGDA BIODIVERSITY AND ECOSYSTEMS THEME DATA

NGDA Theme Page

NGDA THEMES

NGDA Theme Index

NGDA Portfolio Community

Address Theme

Biodiversity and Ecosystems

Cadastral

Climate and Weather

Cultural Resources

Elevation

Geodetic Control

Geology

Governmental Units and Administrative and Statistical Boundaries

Imagery

Land Use - Land Cover

Real Property

Soils

Transportation

Utilities

Water - Inland

Water - Oceans & Coasts

More Portal Experience

EXPLORE PORTFOLIO RESOURCES

Data Services Maps Galleries Communities

DATA
Search through the GeoPlatform different datasets from a variety of the platform, register them to

SEARCH

Register a Dataset

Portfolio Explorer

GeoPlatform.gov Explore NGDA Themes Search Help More Sign In

GeoPlatform Service Resources

HOME > GEOPLATFORM RESOURCES > SERVICES

RECENT SERVICES

- NCEI ArcGIS REST Services Directory**
Service by [latadiffy](#) | created Jul 10, 2019 | last modified Jul 10, 2019
ArcGIS Server REST API for the dataset
- KMZ for dataset**
Service by [latadiffy](#) | created Jul 10, 2019 | last modified Jul 11, 2019
Direct download link for KMZ file
- PNNL RIFT Flood Depth Grids - Midwest Flooding 2019**
Service by [GeoPlatform Curator](#) | created Jul 9, 2019 | last modified Jul 10, 2019
Rapid Infrastructure Flood Tool (RIFT) to produce predictive hydrodynamic flood modeling and simulations for a diversity of flood events: extreme precipitation, dam failure, levee failure, spring snowmelt, coastal flooding, tsunami
- GeoServer Web Map Service**
Service by [gpinetta](#) | created Jul 9, 2019 | last modified Jul 9, 2019
A compliant implementation of WMS plus most of the SLD extension (dynamic styling). Can also generate PDF, SVG, KML, GeoRSS
- GeoServer Web Map Service**
Service by [gpinetta](#) | created Jul 9, 2019 | last modified Jul 9, 2019
A compliant implementation of WMS plus most of the SLD extension (dynamic styling). Can also generate PDF, SVG, KML, GeoRSS
- United States Structures**
Service by [eschemmhorn](#) | created Jul 8, 2019 | last modified Jul 9, 2019
USGS Structures from the National Map consists of data to include the name, function, location, and other core information and characteristics of selected manmade facilities. The types of structures

FEATURED POSTS

New OceanReports Web Tool
National Transportation Atlas Database Winter 2019 Update
USGS 3DEP Lidar Point Cloud Now Available as Amazon Public Dataset

HAVE OTHER QUESTIONS?
Please check out our FAQ page in case your question has already been addressed. If you still need help or want to report an issue, please send us an email at servicesdesk@geoplatform.gov.

[Contact Us](#)

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

Resource Pages

GeoPlatform.gov NGDA Themes Search Help More Sign In

GeoPlatform Map Preview

HOME > RESOURCES > DATASET > NATIONAL HYDROGRAPHY DATASET > MAP PREVIEW

Map Preview

Map Details Layers

Title
Map of National Hydrography Dataset (NHD)

Provide a brief but unique name for the map.

GeoPlatform.gov Explore NGDA Themes Search Help More Sign In

Did you know?

HOME > DID YOU KNOW?

Recent posts to the GeoPlatform Knowledge Base with information about new features, tips, and tricks...

- CREATING VECTOR TILE LAYERS**
October 2, 2019
- CREATING GEOJSON FEED LAYERS**
October 2, 2019

FEATURED POSTS

New OceanReports Web Tool
National Transportation Atlas Database Winter 2019 Update
USGS 3DEP Lidar Point Cloud Now Available as Amazon Public Dataset

Map Preview Tool

GeoPlatform.gov Explore | NGDA Themes | Search | Help | More | Sign In

GeoPlatform Resource : Dataset

HOME > RESOURCES > DATASET > NOAA RASTER NAVIGATIONAL CHARTS (RNC)

NOAA RASTER NAVIGATIONAL CHARTS (RNC)

Asset Details Page

Asset Actions Bar

View as a Map

Service-enabled Dataset

GeoPlatform.gov Explore | NGDA Themes | Search | Help | More | Sign In

GeoPlatform Map Preview

HOME > RESOURCES > DATASET > NOAA RASTER NAVIGATIONAL CHARTS (RNC) > MAP PREVIEW

Map Preview Page

<https://www.geoplatform.gov/resources/datasets/db10693be3d3ed5162be1afb02724dfc/map/>

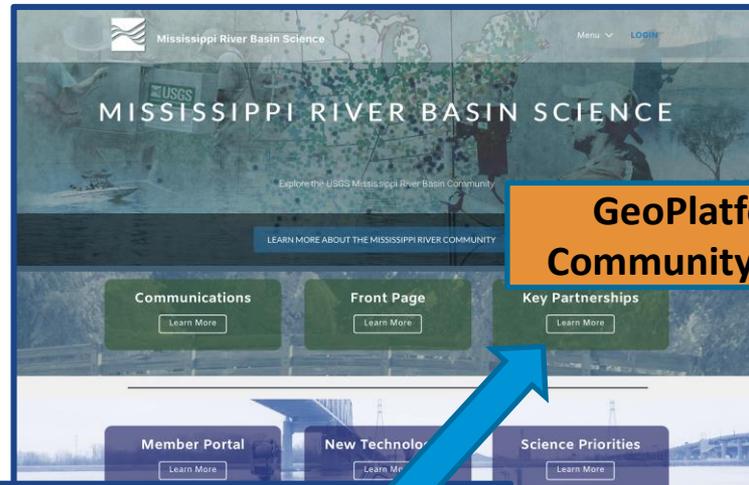
New Dynamic Community Themes & Plugins

Industry-best 3rd party theme:
Astra Theme + Elementor
Builder

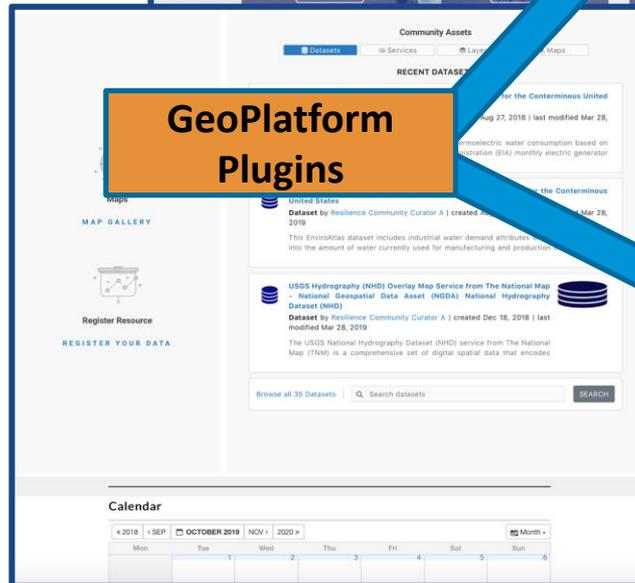
- Wide (unlimited) range of layouts that can be further customized
- Compatible with GeoPlatform plugins
- Quick and easy front-end editing.

<https://github.com/GeoPlatform/CCB-Plugins>

<https://wordpress.org/plugins/search/GeoPlatform/>



**GeoPlatform
Community Pages**



**GeoPlatform
Plugins**

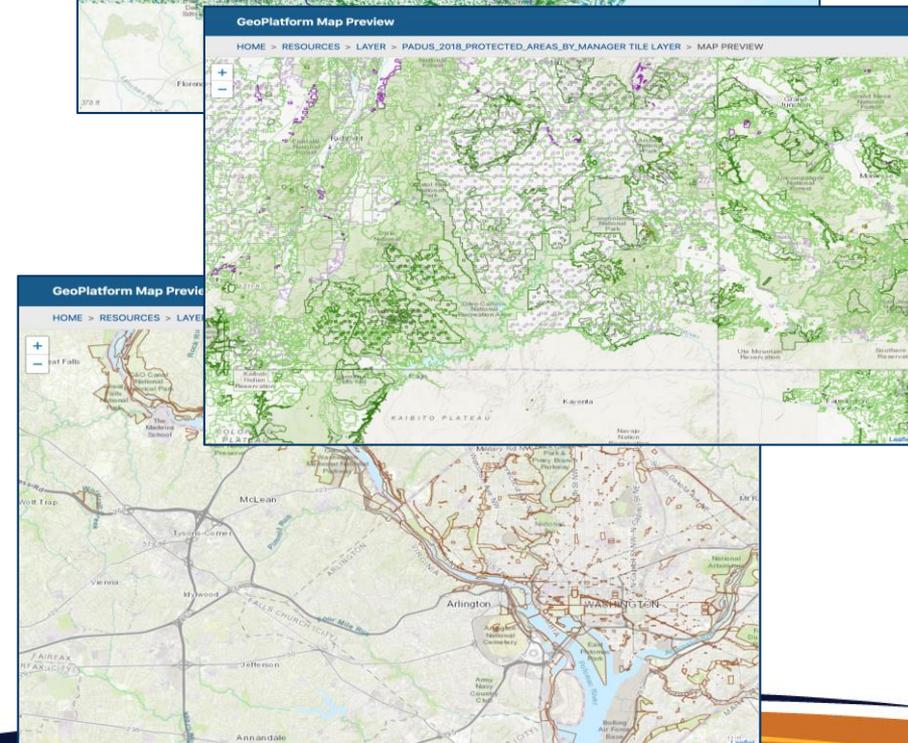


**GeoPlatform
Community Pages**

Vector Tile Layers

Display Vector Tile data in GeoPlatform Maps

- Pluggable layer support; including vector tiles
- Protobuf Vector Tile layers supported
 - [NC/VA Wetlands](#)
 - [NPS Boundaries](#)
 - PADUS Manager layers (Esri): [1](#), [2](#), [3](#)
- Support for MapBox Style Specification
 - Upload JSON containing style definition
 - Reference hosted style definition (e.g., Esri)
- Works in all GeoPlatform “mapcore” powered applications



Vector Tile Layer Styling

- Support [MapBox Style Specification](#) (limited) as a way of defining styles for vector tile layers
 - Styling based upon feature properties (MB expressions, [Ex](#))
 - Filtering features based upon properties (MB filter expressions, [Ex](#))
 - Line colors, fill colors, working on fill patterns
- Upload and associate JSON style files
 - Using auxiliary resources (“Styling” and “Default Styling” roles)
 - [Example](#)
- Fetching JSON style from hosting service
 - Esri REST Tile Server [Example](#)

RPM Dashboard

<https://dashboard.geoplatform.gov/rpm>

■ Overview

- Usage by application, asset, community
- Side by Side application stats

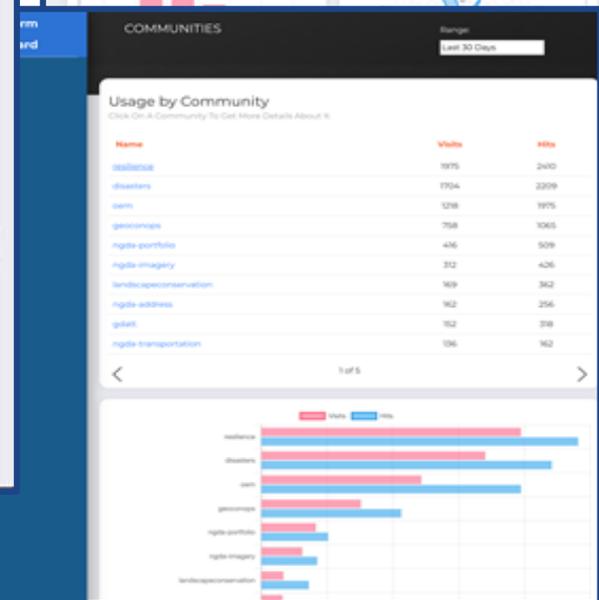
■ Application Stats

- Usage by resource type
- Referrers
- Page views
- Returning Visitor Counts

■ Asset Stats

- Most used
- Full search functionality
- Usage over time
- Top Searches used to find resource
- Usage by type
- Usage by application

■ Community Stats



Earth Observation eXplorer (EOX)

(<https://eox.geoplatform.gov>)

- Updates for ISO 19115-2 mappings for import and export
- Harvest EO Product metadata from 3rd-party catalogs
- Augment metadata from EO Vocabularies for products, instruments, and platform
- Find relevant EO Products
- Access relevant EO Products
- Identify gaps in availability of relevant EO Products
- Access other EO catalogs/holdings to order or acquire EO Products

The image displays several screenshots of the GeoPlatform EO Explorer and EarthExplorer interfaces, illustrating various user actions and data views:

- GeoPlatform EO Explorer (Top Left):** Shows the main search and filter interface. A callout box labeled "Set Detailed Constraints" points to the "Area of Interest" section, which includes fields for "Place" and "Bounding Box".
- GeoPlatform EO Explorer (Top Right):** Shows a search results list. A callout box labeled "Build & Download 'Order Sheet'" points to the "Export as" menu, which includes options for "CSV" and "JSON".
- GeoPlatform EO Explorer (Middle Left):** Shows a "Product Details" view for a Landsat-8 scene. A callout box labeled "View Details" points to this view. The details include acquisition information (Date: Mar 19, 2013 12:00 AM; Platform: LANDSAT-8; Instrument: OLI, TIRS) and content information (Reflective Bands: 3; Resolution: 30m; Cloud Cover: 65.82%).
- EarthExplorer (Middle Right):** Shows a search results list for LandsatLook products. A callout box labeled "Order Product" points to the "ORDER PRODUCT" button.
- GeoPlatform EO Explorer (Bottom Left):** Shows a "Take Action" menu with options: "ORDER PRODUCT", "REMOVE FROM LIST", "VIEW METADATA", and "ZOOM TO". A callout box labeled "Take Action" points to this menu.

Enterprise Search

(<https://www.geoplatform.gov/geoplatform-search/>)

- Word stemming – reduce words to their base or root form (e.g., conflate plurals and singulars as synonyms)
- Factor “currency” based on object’s “modified date” (note: can’t rely on resource “issued date” or “temporal extent”)
- Factor frequency of key-phrase, weighted by “locale” ... e.g., occurrence of phrase in Title is weighted more than in Description field which is more than Keyword fields

The screenshot displays the GeoPlatform.gov search interface. At the top, the search bar contains the query "Congressional Districts", which is circled in red. Below the search bar, there are tabs for "Portfolio" and "Site Content". The search results are displayed in a list format, showing 156 results with 10 per page. The first result is "TIGER/Line Shapefile, 2018, nation, U.S., 116th Congressional District National", which is a dataset created by GeoPlatform Curator A on April 1, 2019. The second result is "TIGER/Line Shapefile, 2016, nation, U.S., 115th Congressional District National", a dataset by unknown, created on May 27, 2017. The third result is "TIGER/Line Shapefile, 2017, nation, U.S., 115th Congressional District National", also a dataset by unknown, created on November 29, 2017. On the left side, there are filter options under "Add Filters..." and "Current Filters". The "Current Filters" section shows "Types" with "Dataset" selected. A "clear all" button is visible next to the current filters.

Unified Simple Search: Portfolio & Content

Search the GeoPlatform

HOME > SEARCH

Q Climate x Search

One query

Portfolio Site Content

1984 results 10 per page < 1 >

Relevance

Portfolio Results

- Monthly Climate Normals**
Layer | created Mar 17, 2018 | last modified Mar 17, 2018
Monthly Climate Normals
Find similar items
- State of the Climate Monthly Overview - National Snow and Ice**
Dataset by Resilience Community Curator A | created Aug 30, 2018 | last modified Nov 5, 2018
The State of the Climate is a collection of periodic summaries recapping climate-related occurrences on both a global and national scale. The State
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Search the GeoPlatform

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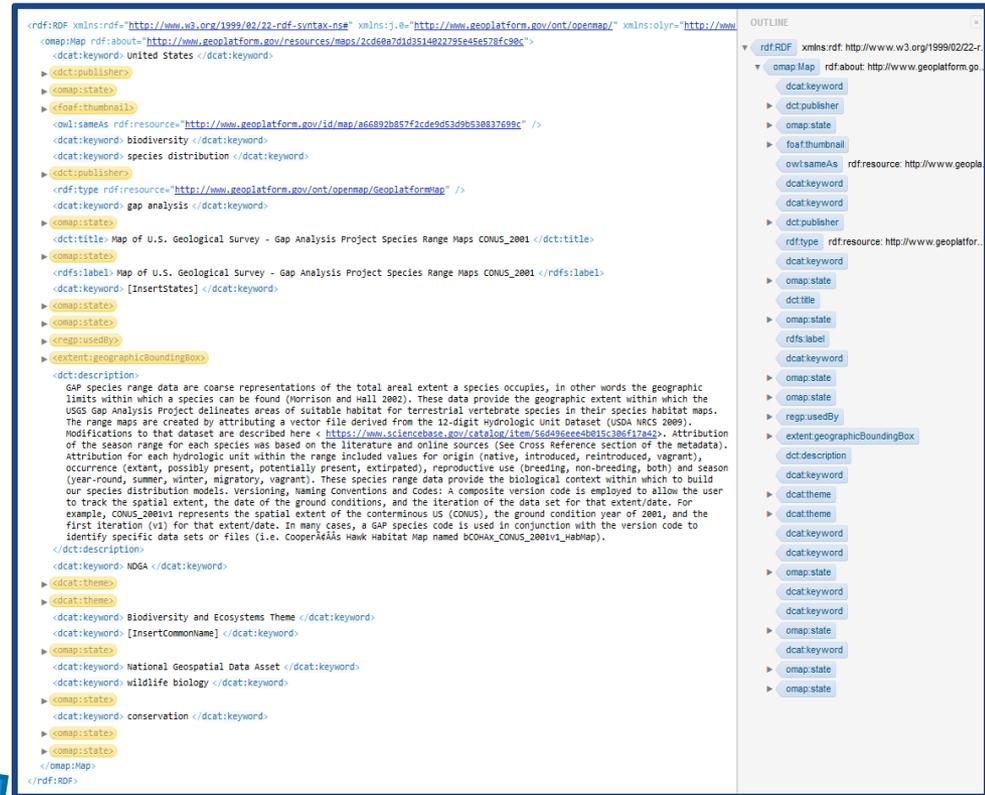
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Portal Content Results

- ClimateandWeather**
image/png attachment by Lee Heazel | created Jan 9, 2019 | last modified Jan 9, 2019

Resolvable URIs and Machine-Ready Encodings

- Key enabler for Google Dataset Search and other LOD-enabled apps
- All GeoPlatform assets have resolvable URIs and machine-ready encodings (json, jsonld, rdf, ttl, n3, nt)
- <https://www.geoplatform.gov/resource/s/maps/2cd60a7d1d3514022795e45e578fc90c/>
- JSON-LD:
<https://ual.geoplatform.gov/api/items/2cd60a7d1d3514022795e45e578fc90c.jsonld>
- RDF:
<https://ual.geoplatform.gov/api/items/2cd60a7d1d3514022795e45e578fc90c.rdf>



The screenshot displays an RDF document in XML format on the left and a corresponding tree view on the right. The XML content includes metadata for a map, such as publisher, state, and title. The tree view on the right shows a hierarchical structure of the document's elements, including various keywords and descriptive text.

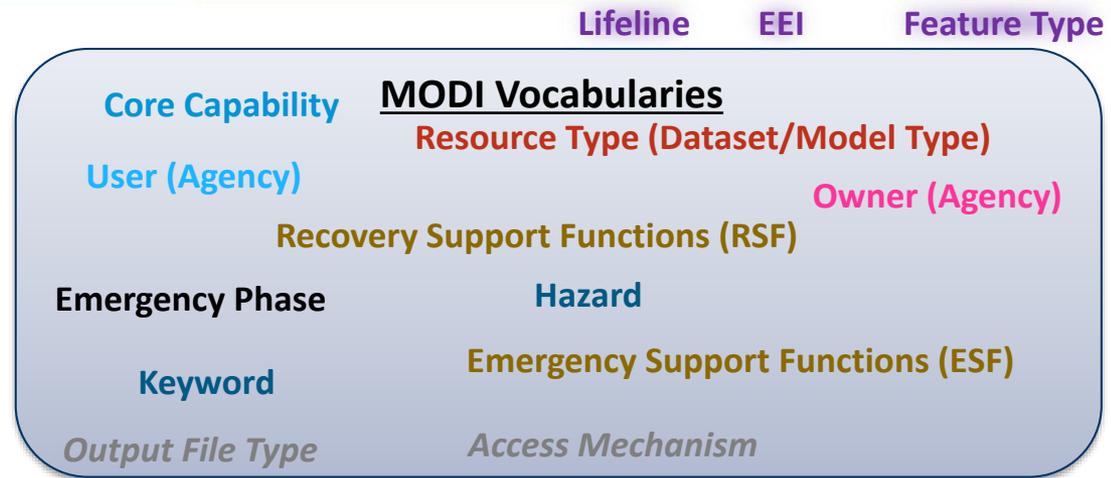
```
<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" xmlns:j.0="http://www.geoplatform.gov/ont/openmap/" xmlns:olyr="http://www.olyr.org/2008/01/01-olyr-syntax-ns#" >
  <om:Map rdf:about="http://www.geoplatform.gov/resources/maps/2cd60a7d1d3514022795e45e578fc90c" >
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    <dcct:publisher >
    <comap:state >
    <foaf:thumbnail >
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    <dc:keyword> Biodiversity </dc:keyword>
    <dc:keyword> species distribution </dc:keyword>
    <dcct:publisher >
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    <dc:keyword> gap analysis </dc:keyword>
    <comap:state >
    <dcct:title > Map of U.S. Geological Survey - Gap Analysis Project Species Range Maps CONUS_2001 </dcct:title>
    <comap:state >
    <rdfs:label > Map of U.S. Geological Survey - Gap Analysis Project Species Range Maps CONUS_2001 </rdfs:label>
    <dc:keyword> [Insertstates] </dc:keyword>
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    <regg:usedBy >
    <extent:geographicBoundingBox >
    <dcct:description >
      GAP species range data are coarse representations of the total areal extent a species occupies, in other words the geographic limits within which a species can be found (Morrison and Hall 2002). These data provide the geographic extent within which the USGS Gap Analysis Project delineates areas of suitable habitat for terrestrial vertebrate species in their species habitat maps. The range maps are created by attributing a vector file derived from the 12-digit hydrologic unit dataset (USDA WCPS 2000). Modifications to that dataset are described here < https://www.sciencebase.gov/catalog/item/56498ee4b01538ef72a2>. Attribution of the season range for each species was based on the literature and online sources (See Cross Reference section of the metadata). Attribution for each hydrologic unit within the range included values for origin (native, introduced, reintroduced, vagrant), occurrence (extent, possibly present, potentially present, extirpated), reproductive use (breeding, non-breeding, both) and season (year-round, summer, winter, migratory, vagrant). These species range data provide the biological context within which to build our species distribution models. Versioning, Naming Conventions and Codes: A composite version code is employed to allow the user to track the spatial extent, the date of the ground conditions, and the iteration of the data set for that extent/date. For example, CONUS_2001v1 represents the spatial extent of the conterminous US (CONUS), the ground condition year of 2001, and the first iteration (v1) for that extent/date. In many cases, a GAP species code is used in conjunction with the version code to identify specific data sets or files (i.e. CooperAAs Hawk Habitat Map named bCOMAW_CONUS_2001v1_HabMap).
    </dcct:description>
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    <dcct:theme >
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GeoPlatform Disaster Domain Vocabularies

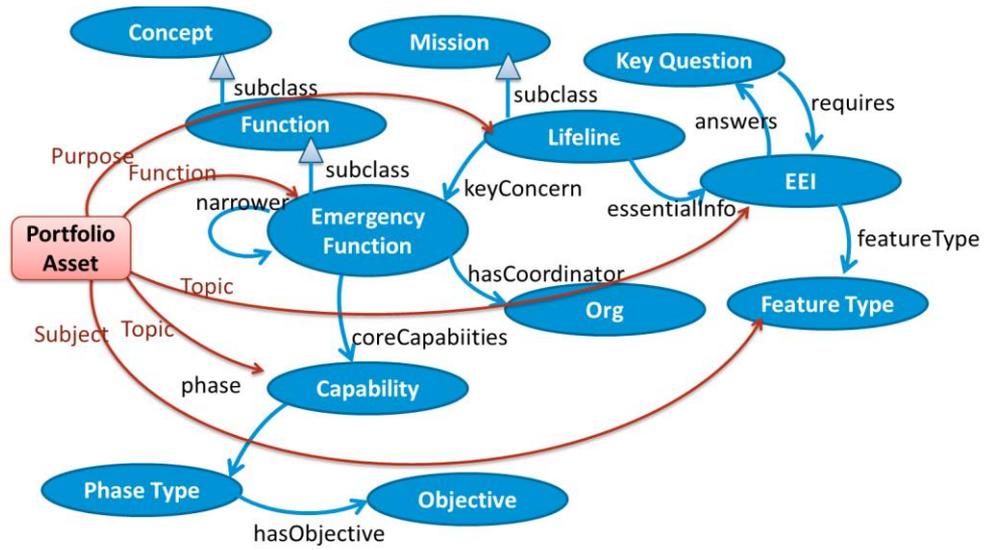
- Define Disaster Domain Vocabularies
 - Used to consistently tag Disaster Portfolio Resources for improved user navigation and search experiences
 - FEMA MODI spreadsheets reformed to SKOS vocabs for ESFs, RSFs, EEs, Lifeline, Core Capabilities, Hazards, Emergency Phases, keywords, etc.

- Label Assets
 - Register new Resources with MODI labels
 - Enrich existing Resources with MODI labels

- Find, Share, Present and Access Resources
 - Find, organize, and present relevant resources
 - Enable collaboration/ communication/ sharing around the curated resources



GeoPlatform Disaster Domain Vocabularies



More coming...

More plugins and theme customizations

Streamline metadata workflows and portfolio management tools

Support for CSDGM import

Automated synchronization with data.gov metadata

Integrations with NASA CMR (DAAC Catalogs)

Streamlined curation of “authoritative datasets”

Open Data access with Vector Tiles and GeoPackage

New and updated Resource Performance Dashboards

Extend Open API and the CTK of open-source plugins

Expand and strengthen partnerships and cross-government collaborations

Enrich the NGDA Theme community experience

Today's Agenda

Time	Topic	Speaker
10:30 - 12:00	Authoritative Data Panel & Community Discussion	Joel Schlagel/ David LaBranche/ Lorna Schmid/ James Irvine/ John Davidson/ Thomas Springsteen
13:00 - 14:00	GeoPlatform Disaster Community Partnership	Chris Vaughan & NLT Team
14:00 - 14:30	GeoPlatform Tools for Emergency Response	Lara Duffy & Jacob Stephens
14:30 - 15:00	NASA Resilience Community experience	Jeanné le Roux
15:00 - 15:30	Networking Break	
15:30 - 16:00	Open Discussion	
16:00 - 16:15	Closing Remarks	

Thank You!

Joel Schlagel
U.S. Department of the Interior (Associate)
Office of the Chief Information Officer
1849 C Street, NW 7145M
Washington, DC 22040
joel_schlagel@ios.doi.gov

John Davidson
GeoPlatform Technical Support
Image Matters LLC
johnd@imagemattersllc.com

