Tools for Discovery, Outreach and Collaboration

Gary Latzke
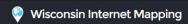
Missouri River Basin Interagency Roundtable

Tools for Discovery, Outreach and Collaboration

Data Discovery

Science in the Great Lakes application

https://sigl.wim.usgs.gov/sigl/

Science in the Great Lakes

Science in the Great Lakes

Project Entry

Tools for Discovery, Outreach and Collaboration

Outreach

EOF Story Map

http://wim.usgs.gov/geonarrative/glri-eof/

Tools for Discovery, Outreach and Collaboration

Collaboration

GeoPlatform

What is GeoPlatform.gov?

A concerted effort to share open geospatial data and technology

- Means for our stakeholders to publish their content once and have it accessed from anywhere

- A services platform for providing direct access to the nation's online geospatial resources
  - ❖ Single point of access for finding data assets, services, layers and maps
  - ❖ Provides shared hosting services for our stakeholders
  - ❖ We deal with the tough IT challenges: consistent access, reliability, scalability and performance

- Shared core application services for stakeholder collaboration (e.g., building shared map galleries for a community of interest)

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GeoPlatform

Communities

- A16 NGDA Theme Communities

- NGDA Collaboration Community (NCC) expanded from the Theme Lead Collaboration Community

- Federal Agency Communities:
  - ❖ GeoCONOPS
  - ❖ WWHGD

- In Development:
  - ❖ GIRA
  - ❖ Fisheries
  - ❖ Chesapeake Bay Foundation

A-16 National Geospatial Data Asset (NGDA) Theme Communities

Biota

Geology

Cultural Resources

Land Use - Land Cover

Governmental Units and

Transportation

Utilities

Water - Inland

Water - Oceans & Coasts

Federal Agency Communities

Homeland Security GeoCONOPS
"A Whole of the Nation Approach..."

What is the HLS GeoCONOPS?
Who are the HLS GeoCONOPS Stakeholders?
How do I use the HLS GeoCONOPS?

Homeland Security GeoCONOPS

World-Wide Human Geography Data (WWHGD) Working Group

GeoPlatform

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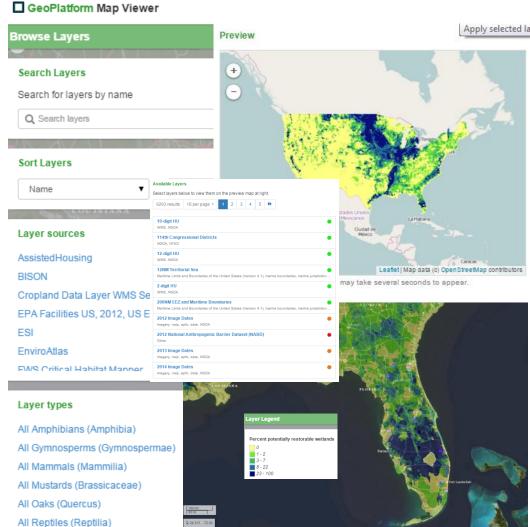FEDERAL GEOGRAPHIC DATA COMMITTEE

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

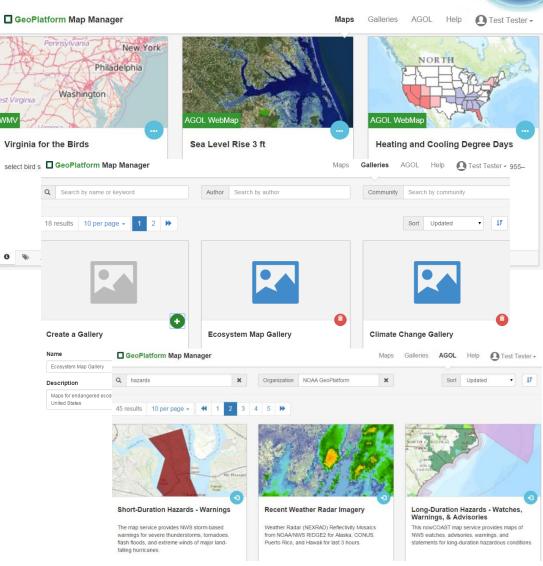- Save and share maps (Web Map Context)

- Publish composed maps

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GeoPlatform

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

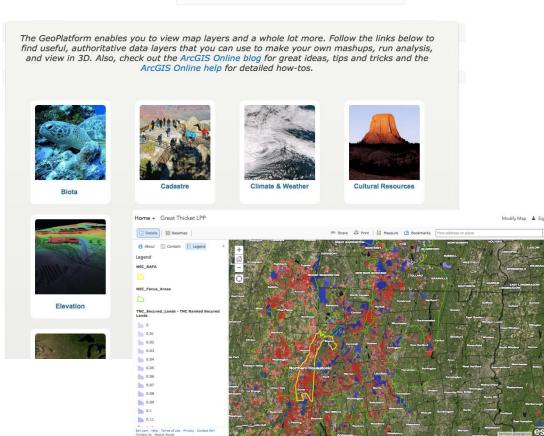- Manage gallery pages

- 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

Thank you

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