

State of Oregon

GIS PROGRAM LEADERS (GPL) COMMITTEE

Date: Tuesday, May 9, 2023

Time: 1:30-3:30 pm

Roll Call and Introductions

Scribe: Jon Bower, ODFW

GPL Attendees:

DAS/GEO: Rachel Smith, Melissa Foltz, Willow Crum, Tom Elder, Dave Mather

DLCD: Tanya Haddad

DOGAMI: Rudie Watzig

DOR: Thom York, Phil Mclellan

DSL: Randall Sounhein

Esri: Lacey Summers

INR: Myrica McCune

ODA: Diana Walker, Jen Ambrose

ODF: Arthur Rodriguez

ODFW: Jon Bowers

LPRO: Ariel Low

ODOT: Phil Smith

OEM: Daniel Stoelb

Business Oregon: Melanie Wadsworth

OSFM: Morgan Kee

OSMB: Joe Severson

OWRD: Bob Harmon

OHA: Eric Main

Not Present:

DHS, DEQ, OHA, OMD, OPR, OWEB

Announcements

Lacey Summers: UC agenda is out and on website. Pre-UC surveys coming.

Dev team looking for feedback on markup functionality in Field Maps. Contact Lacey if there is input or if there are questions.

ODFW has an ISS-6 LD position open through September.

PrepFIT/ Emergency Mgt. GIS interest group meeting on 5/17.

GEO/OGIC Update

Rachel Smith, GEO

OGIC work session scheduled for next week, 5/16 9-11, onboarding – review OGIC history, roles and responsibilities, acronyms, etc.... Focus on OGIC membership.

GEOHub – project has passed all testing and moving into production. OSDL has banner announcing GEOHub as new location for Oregon spatial data. Collaborating with OSU / INR on transition. Team is preparing to publish a lot of data to GEOHub. Rachel is conducting review of Framework data inventory. Folks may hear from her as they prepare to go to OGIC in July.

Geospatial maturity assessment (GMA) conducted by NSGIC every 2 years. Intended to provide NSGIC, GIS community a summary of Geospatial capabilities, initiatives, etc... happening across all states (eg. Addressing, parcels that have national implications). Informing Oregon geospatial community on what this is. Includes setting goals, learning from challenges, connecting resources. Reflect on geospatial strategy, operations, progress. See: <https://www.nsgic.org/NSGIC-GMA>
Rachel may reach out on this topic as well.

https://experience.arcgis.com/experience/5162ce14af424ff0a86e655be9b3698a/?data_id=dataSource2-2021_GMA_Report_Links_8356%3A6

UC – state employee who's agency participates in EA, one complimentary seat still available. Senior executives (director or CIO level) can also attend free, including 1 day conference ahead of the main UC. Information regarding the virtual attendance at the UC should be available approximately 1 month ahead of the conference (early June). Registration will become available at that time.

Taxlots released by DOR, available by FTP, via service and on ORMAP. Thank you to Thom York and others at DOR.

OEM Update

Oregon Search and Rescue Incident Database (OSARID) demo. (obtain presentation and provide to GPL). Want to have information available for integration with other systems. Built a Hub site (<https://osarid-geo.hub.arcgis.com>). Use Survey123 to collect information. Secured access at local level and they can see what's relevant within their respective jurisdictions. Ability to add attachments from SARTopo. Hub site provide overview graphs of incident summaries. Use Power Automate to send email to OEM statewide search and rescue coordinator to notify about creation of a SAR incident. Have documentation on how to use the solution.

Framework Program Update

Melissa Foltz, GEO

April Spring Framework Forum (approximately 45 attendees). Feedback survey was useful. Fall forum in planning stages (date TBD, September or October). Data Inventory – final review still ongoing – possibly a couple more weeks until it's complete. Request review from GPL and OGIC TAC around mid-May to bring to OGIC in June. Framework grant RFP's on hold for now. OGIC looking to make recommendations for improvements to the program. Looking to tie back to their goals and objectives of the OGIC Strategic Plan. FIT leads working on identifying goals for each of the respective themes. Working towards development of a charter. Other topics in need of being addressed include:

- How FIT themes ID their goals and how they align with OGIC recommendations
- Guidance that can be provided to support the Framework program

Supply chain workflow training coming up on 5/11 (meeting 2 of 2) – related to GEOHub.

State Geocoder Update

Tom Elder, GEO

New Oregon Geocoder:

<https://navigator.state.or.us/arcgis/rest/services/Locators/TestGC/GeocodeServer>

Presentation available.

Ready for testing (not yet in production) and looking for feedback. The old composite geocoder (gc_Composite) is free and still available to the public. Multiple candidates are returned when an input address is provided.

The new geocoder (TestGC) is free, public and available as a REST end point. The plan is to update it quarterly based on input from OEM so it's more reflective of recent development. Compliant with the National Emergency Number Association (NENA) or "911" standard. Multirole locator – provides fewer candidates but should be of higher quality. Coverage will be improved by using address points instead of street centerlines. Limitations are that only street addresses will be returned (no city, ZIP or section centroids), some areas are still not covered well or have uneven data quality, input and output fields are slightly different, source data is restricted. Key fields are the "score" and "address type" (e.g. point address vs. street centerline).

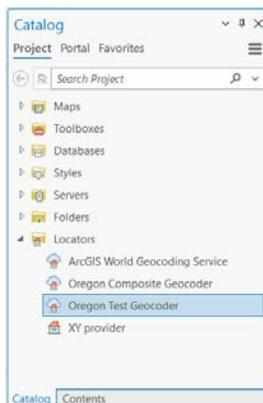
How to use: straight off of the REST end point (URL + query string), ArcGIS Online Utility Service (not yet available). Add ArcGIS Server, then URL, then right-click TestGC and add locator. Utility service will be the simplest way to use it.

Testing – looking for feedback. Looking for any unexpected results, difficulty in address input. Contact Tom Elder.

Improvements: looking to improve source data. Additional improvements are listed on the presentation slide #12.

Supports batch geocoding.

Update from Tom post-meeting: added the new Oregon Test Geocoder to the ArcGIS Online Utility Services so you will be able to use it with ArcGIS Pro automatically if you are connected to ArcGIS Online:



VertiGIS Presentation

Aaron Oxley

VertiGIS Studio – Build better ArcGIS Web Apps.

Company formerly known as “Latitude Geographics” and primary software was named “Geocortex” which has been renamed to “VertiGIS Studio”. Their focus is to build configurable frameworks that help Esri customers to build better web map applications without custom code. Esri’s Web App Builder and Experience Builder work very well, however when the standard out of the box functionality does not meet a customer’s needs and custom code is the only way to address the need, that’s where VertiGIS fits in. Work to fill the gap between configurable apps and custom apps, assisting customers to shrink that gap, save time and resources. Have a wide range of products (see presentation), with the core being categorized as Viewer Frameworks and a number of products focused on back-end capabilities to improve user experience. Capabilities work to complement both web and mobile products – in essence all VertiGIS products are tightly integrated with Esri products.

VertiGIS Studio Web – primary framework they offer. Gives control over apps. Simple web-based designer.

VertiGIS Studio Mobile – solution for working with offline data. For setting up custom experiences for field workers.

VertiGIS Studio Workflow – building custom functionality for guided processes; integration of non-spatial data.

VertiGIS Studio Reporting – for creating reports from GIS apps.

VertiGIS Studio Printing – support for printing out of web apps.

Shared demo of tools. Start with web map, turn into web app, add widget built with VertiGIS Studio Workflow, then pass data collected with widget to a report.

Web App Builder has a Custom tab for VertiGIS widgets. These widgets gives users more of a guided experience. Look and feel of standard Esri widgets (developed in coordination with Esri). Chose VertiGIS Studio Workflow. Searched for buildings in web app. Results are available and dynamically linked to map. Widget then returns results to a PDF report. Formats building information based on selections within a map interface. Can also include charts within the report.

Pointed out VertiGIS SaaS products.

<https://apps.vertigisstudio.com> 60 day free trial. In the ArcGIS Marketplace.
aaron.oxley@vertigis.com

Questions: INR and DEQ utilize VertiGIS licenses. Municipal and county governments as well.

Pricing model – products can be ala carte or bundled. Also factors in the number of named users.

Widgets would need to be allowed within the AGOL organization.

Licensing is based on AGOL org, Portal or both.

Summary of products: <https://youtu.be/EweHFyHfOJI>

Roundtable

DLCD – have a new CIO starting next week. 50th anniversary this month, some celebrations happening at the capitol.

DOR – taxlots are now available. Working with DAS-GEO on possible different data aggregations. This must be done in concert with an overhaul to the Cadastral Data Exchange Standard.

INR – moving Oregon Explorer to a new platform, possibly an Esri Hub site. Still in the works. Targeting end of the year to roll out.

ODA – 6 people attending ArcGIS Pro Migration class. Refining Citrix system to improve functionality. Also developing a GIS strategic plan.

ODF – Private Forest Accord – completed streams, fish presence and modeled streams available 7/1/23. Steep slopes data available 5/1/23. Preparing for fire season.

ODFW – PFA.

LPRO – language access team story map.

<https://storymaps.arcgis.com/stories/903785a4869e4cb8a34b4c22320658c6>

ODOT – working to fill a GIS Technician position.

OEM – preparing for fire season. Lifelines / Survey123?. Reminder about PrepFIT/ Emergency Mgt. GIS interest group meeting on 5/17.

OHA – hired new environmental epidemiologist to assist with heat incidents.

OWRD – Field Maps app, issues with offline area creation related to Enterprise version 11. Issue with SQL-based definition query (last 90 days). Logged as a bug.