

## **Oregon GIS Program Leaders (GPL) Meeting August 13, 2024**

Those in attendance

Daniel Stoelb – OEM  
Jenn Ambrose – ODA  
Malavika Bishop – DEQ  
Kam Draper – Data Axle  
Elissa Bullion – LCIS  
Brady Callahan – OPRD  
Cowin Chris Douglas –  
Willow Crum – DAS/GEO  
Melissa Foltz – DAS/GEO  
Tanya Haddad – DLCD  
Bob Harmon – WRD  
Bailey Harris – ODOE  
Arron Heriford - DHS  
Tad Larsen – WRD  
Ariel Low – LPRO  
Eric Main – OHA  
Chris March - Esri

David Mather – DAS/GEO  
Philip McClellan - DOR  
Myrica McCune - INR  
Don Pettit - DEQ  
Alex Petzold - OEM  
Arthur Rodriguez - ODF  
Joe Severson - BOAT  
Phillip Smith - ODOT  
Rachel Smith – DAS/GEO  
Randy Sounhein - DSL  
Melanie Wadsworth - BIZ  
Stephen Wepprich – OSFM  
Cassidy Wood – OSFM  
Thomas York - DOR  
Diana Walker - ODA

### **Announcements:**

Willamette Valley GIS User Group meeting will be held 8/21/2024 from 1-4 in Salem. For more information <https://orurisa.org/WVUG>

### **GEO/OGIC Updates – Rachel Smith**

There is a new page on GEO Hub under Data Project called NSRS Modernization. There is limited information currently, more to come. If you don't know anything about this or how it will affect your please look at the Esri Blog: "Prepare your data for the NSRS modernization of 2022" under the Resources.

#### *Esri ELA*

Hung up in cyber security. Met with DOJ and Cyber Security Services. Security person is not letting a couple of things go that they want in the contract. Will have a new clean version by the end of the week. Esri will want to look at it again, at sections we add back in. Hopefully it goes to Esri for final review. We do not want another 30-day extension. This is a 90-page confidential document, you can take a look at the document, just remember it is confidential.

Once we get pass this hurdle there will be another Esri EA meeting will all the agencies.

#### *Imagery – contract with Surdex*

The collection contract is doing great, no complaints.

The part we are having issues with is getting the AWS environment set up. Currently we are hosted in a WS by NV5. That contract is old and gone. We are at the tail end. We are hoping the move to AWS happens this week. If not our backup, is we will only be able to host the latest version of the imagery, 2022. If you have service/application that uses the older imagery it might not be available after end of August. Keep DAS/GEO posted if you have concerns.

### *GIS DAY*

Geo willing to host a virtual GIS DAY if there is a dozen or more agencies that want to be involved. See <https://experience.arcgis.com/experience/83e730dde544402db54ba661583d4344> as an example.

## **Framework Updates – Melissa Foltz**

Matt Williams is now the Co-lead for the addresses and building footprints. On paper Tom Elder will focus on address points and Matt will focus more on building footprints and associated datasets.

One grant proposal was punted to the next meeting, they revised the proposal and submitted for the review in July to OGIC. It did get approved.

Once the contract is finalized it will get sent out to GPL and PAC

If you are interested in joining the work group for the building footprint standard contact Matt.

Once the contract is finalized it will get sent out to GPL and PAC.

### *Fall Framework Forum*

Tuesday October 29<sup>th</sup> back at Chemeketa Eola Northwest Wine Studies. We are going to look at a virtual option (possibly just viewing only), just doing baby step into this one. Top concern is how to offer a remote option with interrupting the in-person session. Still working on agenda, hope to get it done by the end of the month.

## **Velocity Request – Daniel Stoelb**

See Daniel's email dated 8/2/2024

Looking for other agencies interested in ArcGIS Velocity Product and partnering with them for a cost share. Please respond to Daniel by 8/16/2024,

This would be an add on purchase to our ELA. We are trying for the highest tier. If anyone wants more information, please reach out to Daniel.

<https://www.esri.com/en-us/arcgis/products/arcgis-velocity/overview>

## **Data Axle Overview (formerly Info USA) – Kam Draper**

Data Axle is an address compiler and then they place all the demographic information behind the address. We have two parts; one is an employer database and the other is a residential/consumer database. We compile data from hundreds

of sources. We update about 7% of the database monthly adding new business and/or consumer records.

We can build custom GIS database for our customers, typically provide it in a CSV/excel format. Kam showed a long list of data fields they can provide approximately 150 data fields. If you are only interested in 5 or 6, they can just give you those.

Primary (mailing address) & Secondary (physical location) address along with the latitude/longitude coordinates. 88% of our business records and consumer records are at parcel level geocoding. They provide Standard Industry Classification codes and descriptions along with North American Industry Classification codes and descriptions. Each business has unique ID system (Info USA ID) so if it moves or changes names the ID goes with them.

They do license the data for 12 months. Clients are allowed to keep their work products.

If you want samples of the data email Kam at [kam.draper@data-axle.com](mailto:kam.draper@data-axle.com)

## **ArcGIS Online Best Practices – Chris Marsh – Esri**

Chris showed several blogs post which are included.

- For apps that could be hit a lot here are some key things to consider, editing disable, cache control is default to 30 seconds could this be changed.
- Refence data does not need to be updated often change to 1 hour time periods. Consider not having infographic widget, query widget or info summary widget.
- Enable optimize layer drawing, create an attribute index
- Create your own vector tile basemap.
- Start with an Esri vector tile basemap and change the style to make it fit your needs and save that style so you can use it in your apps. This saves a 'style' as an item in your space
- Manage indexes
- Rebuild special index – data will draw faster
- Create an attribute index on fields you are querying.
- There is an Admin tool to help id what could be causing the issues we were having in June. Chris will send to David Mather.

Essential Configurations for Highly Scalable ArcGIS Online Web Applications (Viral Applications)

<https://www.esri.com/arcgis-blog/products/arcgis-online/data-management/essential-configurations-for-highly-scalable-arcgis-online-web-applications-viral-applications/>

Managing ArcGIS Online Content with ArcGIS Dashboards and ArcGIS Notebooks

<https://www.esri.com/arcgis-blog/products/arcgis-online/administration/managing-arcgis-online-content-with-arcgis-dashboards-and-arcgis-notebooks/>

Tracking your ArcGIS Online Feature Data Store Key Health Indicators

<https://www.esri.com/arcgis-blog/products/arcgis-online/data-management/tracking-your-premium-feature-data-store-key-health-indicators/>

Best practices for visualizing high-density data

<https://doc.arcgis.com/en/arcgis-online/reference/best-practices-high-density-data.htm>

Best practices for sharing

<https://doc.arcgis.com/en/arcgis-online/reference/best-practices-share.htm>

Build highly scalable dashboards

[https://doc.arcgis.com/en/dashboards/latest/reference/build-highly-scalable-dashboards.htm#ESRI\\_SECTION1\\_0C5FACC87C5E4FD597036913F8CA5567](https://doc.arcgis.com/en/dashboards/latest/reference/build-highly-scalable-dashboards.htm#ESRI_SECTION1_0C5FACC87C5E4FD597036913F8CA5567)

Scalable hosted feature layers in ArcGIS Online: Tile queries and response caching (older but explain what the CDN is)

<https://www.esri.com/arcgis-blog/products/data-management/data-management/scalable-hosted-feature-layers-in-arcgis-online-tile-queries-and-response-caching/>

Manage hosted feature layers

[https://doc.arcgis.com/en/arcgis-online/manage-data/manage-hosted-feature-layers.htm#ESRI\\_SECTION1\\_0D8D9E34EAB642228377FAAE466A826C](https://doc.arcgis.com/en/arcgis-online/manage-data/manage-hosted-feature-layers.htm#ESRI_SECTION1_0D8D9E34EAB642228377FAAE466A826C)

Added sites from chat.

<https://www.esri.com/arcgis-blog/products/arcgis-online/data-management/swapping-layers-a-great-way-to-build-and-maintain-your-feature-layer/>

## **Roundtable - All**

Cassidy Wood – OSFM –

Finishing the fire district layer, hope to publish publicly soon on Geo Hub.

Ariel Low – LPRO –

Changes to Business Analyst License was one license and now has change to two, standard and advance. If you have been using functional only available in the Advance License, be aware that is going away. The cost is pretty different between the two licenses. Standard around \$100 and Advance around \$4000. With this change we are evaluating whether we want to switch to a different kind of

infographic type platform. If anyone is using power BI or Tableau, please let me know about your experience.

Bob Harmon – WRD –

Big changes to our Well Inspection system. We have launched an updated well inspection Application using field maps that launches an inspection form in Survey123. Data gets saved to our SQL database. Working on dashboards for the inspector coordinator.

Eric Main – OHA –

Environmental Justice Council approved an extension for the completion of the environmental justice mapping tool. So, we're now looking at June 2027. The extension will not change our timeline to come to natural resources agencies for requested data.

Don Pettit – DEQ –

Big Response in May and June, GIS really saved the day for us. Able to map 300 miles of shoreline along with State Parks, ODFQ, Coast Guard, NOAA, a lot of DEQ folks and others. We could id areas that needed to be cleaned or were clean and organize parties to go out and get the job done. There were several Survey123 apps and other viewers used for each part of the job. This was the largest coast oil spill New Carissa. All went so well due to the simplicity of the tools.

<https://geo.maps.arcgis.com/apps/instant/portfolio/index.html?appid=fef7b7fb884c4170ba6129d523301998>

Myrica McCune – INR –

Draft Oregon statewide Wildfire Hazard maps is up on the wildfire risk explorer and is accepting public comment until 8/16/2024.

<https://oregonexplorer.apps.geocortex.com/webviewer/?app=665fe61be984472da6906d7ebc9a190d>

Daniel Stoelb – OEM –

Still dealing with wildfires. Here is a link to our wildfire monitoring portfolio

<https://geo.maps.arcgis.com/apps/instant/portfolio/index.html?appid=3dcc431fc8954fcda439b99d33fbd94>

Tanya Haddad – DLCD –

Nothing coastal specific, but DLCD is hiring for a CDIO position that will be helping to build out a whole new GIS division for the agency.

[https://oregon.wd5.myworkdayjobs.com/SOR\\_External\\_Career\\_Site/job/Salem--DLCD/Chief-Data-and-Innovation-Officer\\_REQ-162215](https://oregon.wd5.myworkdayjobs.com/SOR_External_Career_Site/job/Salem--DLCD/Chief-Data-and-Innovation-Officer_REQ-162215)