

## Meeting Minutes - GIS PROGRAM LEADERS (GPL) COMMITTEE, April 12, 2022

State of Oregon  
GIS PROGRAM LEADERS (GPL) COMMITTEE  
Date: April 12, 2022  
Time: 1:30-3:30pm  
Microsoft Teams meeting

### **Roll call:**

**Scribe:** Daniel Stoelb, OEM

### **Attendees:**

DAS – GEO / CDO: **Rachel Smith, Eric Brewster, Dave Mather, Tom Elder**  
ODA: **Diana Walker, Jacob Cruser**  
DEQ: **Malavika Bishop**  
OEM: **Alex Petzold, Daniel Stoelb**  
Esri: **Lacey Summers, Chris Marsh**  
ODFW: **Jon Bowers**  
OSFM: **Melanie Wadsworth**  
ODF: **Arthur Rodriguez**  
DOGAMI: **Rudie Watzig**  
DHS / OHA: **Eric Main**  
INR: **Myrica McCune**  
DLCD: **Tanya Haddad, Randy Dana**  
OPRD: **Brady Callahan**  
DOR: **Phil McClellan**  
DSL: **Randall Sounhein**  
ODOT: **Phil Smith, Kyle Marenger, Rebecca Bourson**  
OWEB: **Paula Wills**  
OWRD: **Bob Harmon**  
ODHS: **Arron Heriford**

### **Announcements:**

Reminder – GIS In Action is next week. All virtual with presentations multiple days.

### **ODGT Update**

**GEO -**

Rachel:

- Willow was going to report to GPL the list of datasets that have been published in the last few months. Haven't really advertised this and will be working on announcing when new datasets are published. Over the last 6 months, have been very busy. The list includes:

## Meeting Minutes - GIS PROGRAM LEADERS (GPL) COMMITTEE, April 12, 2022

- RRAP (regional resilience report)
- 2021 Oregon New District data – lines are effective January 1, 2023. Result of legislative redistrict
- 2021 land use compilation from DLCD
- 2020 census block groups, blocks, tracts
- ODFW – Oregon fish habitat distribution dataset
- DOGAMI – tsunami data compilation
- ODOT mileposts/highway network
- 1991 – 2020 PRISM climate data (average mean/min/max temp and average precip data)
- DOGAMI – building footprints data
- Here forward, will be sending out notices of new datasets published. Will be more communicative on data posted to OSDL.

### Dave:

- Taxlots have come in from DOR. Will be going over those and get it posted this week for everyone. This will be posted via FTP. If you don't have credentials, reach out to Dave Mather. Connection instructions and recommended software will be included on how to access. SFTP by default.
- Community accounts – had a use case with OEM and DEQ. The use case is needing to add over the weekend or overnight a large group of users (for a drill, etc). Have worked on a workflow that would enable a select group to have the ability to add their own community users on an emergency basis. If you are interested in that (ODF has brought it up for fire season), please contact GEO team or Dave to talk about what all is involved. Only people with access are those that are an organization administrators in the main organization. The community org is a separate one entirely. Only for non-state employees. State employees go to our main org (geo.maps.arcgis.com). \$1 per user. It is a bucket of users – way to get people access for those that work with you and aren't a state employee.
- Virtual UC registration – did send out a big email to everyone. If you need details and didn't get them, let Dave know. State employees have free access to Esri UC but it does not include every single session. There will be 65+ live stream sessions. Another 100 will be available as recordings in August. Esri is taking main sessions and making those live via virtual access. If you need instructions on how to sign up, let Dave know. They do not take away from free in-person seats. We have another 12 available right now.

### Rachel:

- OGIC:
  - OGIC meeting is next week. Posted agenda on the website. The meeting packet will be posted in the next couple of days. OGIC strategic plan workgroup is meeting monthly. At OGIC next week, will be presenting the schedule for updating the plan. As part of that process, the plan workgroup will be soliciting input. Be on the lookout for the survey. One will be for OGIC members, then another for GIS practitioners in the state. Would like our input on the strategic plan and OGIC's role in coordination and information sharing. Survey links will be sent out soon.
- CDO update:
  - Forwarded to GPL the newsletter about the new data governance policy. This has been posted to the DAS policy. Have begun the implementation at DAS. Nexus with geospatial

- data. There is the potential for it to be a strength with the framework program. Looking at how it could be implemented for the framework program.
- Hiring 2 ETL developers (posted in workday). Less about geospatial data and more about true data development and ETL scripting for the open data side of the program.

## **Framework Program Update**

OGIC will be approving 2 new FIT leads:

- Sephe Fox (Clatskanie PUD) – Utilities FIT
- Robert Hairston-Porter (DOGAMI) - Elevation FIT
  
- DLCD - new staff person interested in admin boundaries FIT

Trying to fill all open FIT positions. Will be doing some new FIT onboarding ASAP. Are doing a refresh on the templates for the framework program. Will be sending on for comment and suggestions. Hope to have a framework forum this fall. Will start talking to the FIT leads about that soon.

## **OEM / Prep FIT Update**

**Prep FIT:**

GIS survey after-action report (AAR) sent to the PrepFIT listserv for surveying of how GIS datasets were used during all phases of emergency management. Looking to get feedback by April 22<sup>nd</sup>. Continued work on GIS exercise, with the goal to have it conducted this fall (possibility of some coordination with Rachel for the FIT framework forum?). Continued buildout of the emergency preparedness framework data catalog (EPFDC). Continued coordination with Matt Williams from DOGAMI regarding building footprints data. Next PrepFIT meeting sometime in May.

Rachel comment: The framework program has a project underway with LCOG about a pilot for adding attributes to the building footprints. If you and Matt Williams are talking about the building footprints and getting a workgroup together. Maybe can also include the LCOG folks. Daniel will be looping them in the discussion.

## **ODOT Presentation**

**Overview of GIS at ODOT – Phil Smith**

- See slide deck
  - Will be transitioning to Pro over the next couple of years.
  - Do a lot more data aggregation than pure data development.
  - Development -> Test -> Production
    - Includes framework load/redundancy/balancing in test
    - Then submit change management request from test to prod

## Meeting Minutes - GIS PROGRAM LEADERS (GPL) COMMITTEE, April 12, 2022

- Out of their hands and caretaking is intermittent with ODOT directly
- Servers are over at the state data center. Mill Creek building really only has PCs for remoting in. We are for the most part spinning up virtual machines at the state data center.
- Tableau reports provide speaking points to managers and other business branches.
  - Question: is there a reason you used Tableau or MS 365 solutions?
    - Have used some Survey123 – it is a different toolkit. Have a Tableau contingency within ODOT. The same folks were using Tableau already, so it was a natural transition for them.
- All good things start with a GIS project request – has helped communication in the team.

### Resources and Restricted Activity Zones – Kyle Marenger

- See slide deck
  - Reach a broad audience and mostly intended to be used in the field.
  - Time is important for doing maintenance activities (breeding season, etc).
  - Visio diagrams integrated into the maps to indicate the straight-line diagrams.
  - 76 different crews that these maps are delivered to.
  - 5 year interval originally for areas updated with these maps due to time/labor involved.
  - Piloted using wall maps instead of the map books.
  - Migrating slowly to ArcGIS Pro
    - Moving from almost 3k MXDs to a single ArcGIS Pro project
    - Uses map series
    - Found out that fine details were less useful in the real-world application of the map books
    - Now notes as callouts – more interpretable map
      - Posted from data gathered in the field and now feeds the hardcopy maps
    - QR Codes – use it to take the map in your pocket as you go
    - Boundary attributes include maintenance summaries
    - Mobile application is fairly new
      - Will be releasing it to people to use soon
  - Using Field Maps for field solutions
    - Field maps replacing collector possibly in the next year
      - Esri clarified that it has already replaced Collector
    - Theoretically deployed to maintenance crews with options to create photos and collect notes, then share across to crews in their own areas
    - Still in a pilot phase
    - Possible move to have updates annually instead of every 5 years with the implementation of this solution

### Oregon Scenic Byways Story Map – Becca Bourson

- See slide deck
  - Oregon has 4 out of the nation's 20 All American Roads
  - Has been accompanied by the driving guide – free to the public – order from ODOT or Travel Oregon. Can order a copy for free and details all major routes, overview map, driving time, and highlights areas of interest along the route.

## Meeting Minutes - GIS PROGRAM LEADERS (GPL) COMMITTEE, April 12, 2022

- Federal funding to support the byways program has stopped, so 2018 is the last published report. Now moving to the story maps moving forward.
- There were labeling issues between the basemap and data not matching one another. Ended up using map notes for it.
- 31 webmaps, 5 new data layers
- Got a custom URL for the storymap, which does direct to the more lengthy geo.maps.arcgis.com URL.
- 2 routes have audio guides that you can listen to while traveling on them.
- Storymap can't be used offline and can't be used for guidance purposes.
  - Considering for next update to it.
- Question:
  - Which particular storymap template did you use? Used scrolling template (cascade and map series).
  - Anything created under that will still be available, but you can't create new content using those templates. Did try the newer templates, but didn't fit what they were looking for.

### **Round Table (only additional reports included here)**

- ODA: Field work is going to be starting with field maps over the next couple of weeks.
- ODFW: Working on the framework habitat fish distribution dataset. Working on getting stuff up and running. Publishing datasets to ODFW data clearinghouse as well as OSDL. Continuing coordination efforts with ODF on private forest accord effort. Continuing coordination with DEQ on standards.
- OSFM: Been working on testing some versioning scenarios with prototype field maps app for defensible space. Looking at offline workflow and testing options to create versions connected to enterprise. Getting ready for busy fire season – training and refresher courses coming up.
- ODF: Working with ODFW on private forest accords. Getting data together on that project for the stream modeling and updating data and getting out to ODFW. Gearing up for fire season – maps being updated. Working on fuels reduction grant project (tracking and reporting based upon recent legislation). Vandalization app to notify when things happen – will talk more about it next month. Had a couple of users experiencing issues with data connections being dropped in ArcGIS Pro. Where one layer will fall out, then others. Could possibly lose data when they are editing. Could be related to VPN. Possibility of this being a bigger issue? Let him know.
- DOGAMI: New director started last week – Dr. Rory Gasterret. Comes out of Shell Oil from Houston. Bio and education background can be found on the website.
- OPRD: Communications division made the decision to print recreation maps for the parks back when the pandemic started. Didn't offer an alternative. Have kicked off a project to switch over to dynamic recreation maps over the coming year. Been in conversations

## Meeting Minutes - GIS PROGRAM LEADERS (GPL) COMMITTEE, April 12, 2022

with the office of outdoor recreation and USFS to update the recreation status map for the state. Will be talking about how it will be maintained. Had a specific use case and discussions have been on how to share recreation content more generally to the public. OPRD got approval from the legislature for drone takeoff/landing at state parks. Public comment on that closes on the 15<sup>th</sup> of this month. Submit written comments via the OPRD website. Once the rules are put together, will publish a map of where people can and can't fly in state parks. Have recently published a map of where people can hunt in state parks. Ran across a case recently that dealt with the HARN data for Oregon (state plane and lambert) and was seeing a shift when dealing with web service layers and imagery. Opened a case with Esri. The solution was to install the coordinate system supplemental pack for download. If anyone uses HARN in your data (or others) – be sure to get that package installed to avoid this issue with high-accuracy data.

- DSL: Just about complete with data/services migrated to SDC. This will be the new production environment. At 10.9.1 across the board. Will be upgrading ArcGIS Pro to 2.9. Focus on using that instead of ArcMap. Trying to standardize completely using ArcGIS Pro. Using field maps – have learned to keep things simple when using Field Maps. Keep offline areas small and things will work well. Doing traditional versioning – python scripts working. Using more branched versioning now. ArcGIS Pro dropping connections – seems to be related to VPN connections. Work more exclusively with feature services instead.
- OWRD: After over 1 year of testing and planning – cut over to a new database server at the SDC. 2012 to 2019 version. SDE version went from 10.2.2 to 10.9.1. Still identifying and working out issues. Went well for the transition. WRD and OWEB databases were migrated.
- DEQ: Working on administration for SharePoint. GIS internal SharePoint site up and running. Creating a resource page for users. In addition, Your DEQ Online application has been delayed. Will be completed in 2024. DEQ is upgrading GeoCortex to the online version. A project plan is in the works to get it done. Will hopefully be done in next 6 months or so.