

## GPL Notes for August 12, 2014

Time: 1:30 PM to 3:00 PM

Location: Dept. of Revenue, 955 Center St. NE, Salem, Rm 467.

**A:** = action item

### Introductions:

### Announcements:

- FOSS4G Conference, Sept 8-13, Portland <https://2014.foss4g.org/cfp/>

- NWGIS Conference, Oct 13-17, Lynnwood, WA [NWGIS Conference](#)

Emmor is looking to car pool to the NWGIS Conference in October if anyone wants to join him. It seems there are several folks who have not yet gotten approval to attend. If interested in carpooling, contact Emmor.

Note the change in the November GPL meeting: Bob and Rachel decided to move the November GPL meeting off of the Veteran's Day holiday to the next day, Wednesday November 12<sup>th</sup>. Rachel reviewed this change with the GPL members present at the meeting and all agreed this was an agreeable change.

Rachel mentioned to the group that her position at DOGAMI is scheduled for layoff by the end of December. This conveniently coincides with her last duties as Chair for the 2-year period she has served. The new Chair should take over beginning with the January meeting. However, she is job hunting and might need to depart from Chair duties early. Rachel asked the group to consider who will replace her. She reviewed the responsibilities of the position as stated in the GPL Charter.

From GPL Charter (OGIC Endorsed 3/17/2010):

#### b) Chair

A GPL chair shall be selected by the GPL membership, and serve a term of two years. The responsibilities of the chair shall include:

- Preparation and distribution of an agenda, including location and time.
- Chair GPL meetings, and preside over decisions.
- Arbitrate when consensus cannot be reached in an appropriate amount of time
- Monitor sub-committee activities
- Report to OGIC chair any GPL decisions and recommendations.
- Ensure GPL minutes are accurate and publicly available.

The Willamette Valley user group meeting will be held Aug. 20<sup>th</sup> from 1-4pm. Contact Bob D. for more details if you're interested in attending.

### Review of June Meeting Action Items:

Rachel asked for an update on the meeting that was supposed to be scheduled to discuss the tax lot errors. Bob D. stated that there was a conference call and the group narrowed down the issue to one specific problem where they had transcribed the info incorrectly. Overall, there is not a massive problem but there is some confusion with working amongst different county data. One in particular, Jackson Co., has errors that need to be fixed. In general, we need better documentation of the data supplied to DOR. Josh T. is going to work on the Jackson Co. data.

## **FIT Update/Announcements: Bob Denouden**

Prep FIT had a meeting June 17<sup>th</sup> to review the data catalog project.

OGIC met on June 18<sup>th</sup>. Two amended standards were approved (zoning extension and the drinking well monitoring).

The E-FIT has been very active on the statewide lidar acquisition plan in prep for the 3DEP proposal/project. The pre-proposal is due at the end of this week, final proposal due by end of Sept. The draft lidar prioritization plan is moving forward and will go to OGIC for approval in September.

The DAS-CFO office has a project to build state-owned building data model. They have agreed to participate in a workgroup to develop a data standard for public buildings. Meeting to kick this off will be Sept. 23<sup>rd</sup>. 1-3pm @ DAS.

Metadata workgroup met July 30<sup>th</sup> – working through each of the FGDC standard elements. The next meeting for this workgroup is scheduled for the end of September.

Hazards FIT is meeting Aug. 27<sup>th</sup> – to look at the two hazard portals (Hazards Explorer and DOGAMI's HazVu) in an attempt to align hazard data. The Hazards FIT group is going to be asked to ensure that the Hazards Framework is receiving/distributing/sharing/etc... the best hazard data.

Sept. 3<sup>rd</sup> – the soils workgroup is meeting at DAS West Conf. Rm A. – will look at a soils data compilation and review it.

Imagery FIT is meeting Sept. 18<sup>th</sup> 9-12am @ DOF.

FIT Leads will be meeting Sept. 24<sup>th</sup> 1-3pm. HRSD Conf. Rm. @ DAS West.

The next Framework Forum will be held at Silver Falls Lodge on November 5<sup>th</sup>. More details on this event will be mailed out soon.

Bob H. is trying to have a hydro framework meeting in Sept. as well. This has not been scheduled.

Updated data on SDL: City Limits from ODOT, SLIDO 3.1, Watershed Council Boundaries, and State Parks Boundaries.

Cy asked about an update to the NHD hydro error. No movement on this issue. (brought up at last GPL meeting) Will take funding to fix the issue/data.

## **DAS GEO Announcements: Cy Smith**

DAS GEO is in the process of transitioning the imagery explorer from the Amazon cloud to the State Data Center. They now have 28TB of data stored in the cloud. They're hoping to have the existing site up and running and then also have the new site up and running so that when they flip the switch there will be little to no downtime.

Address Repository Project: Paul PM – The plan is about 80% ready to go which lays out the configuration of the database. Need to work with OEM on some issues to make sure that the data meets the needs of PSAPs. They have pilot projects ready to kick-off to test the web editing tool (3 counties) to create address point data.

Cy has been working on the lidar coordination between the elevation FIT (3DEP Program) and the Water Monitoring Policy Option Package (POP – budget request): DOGAMI's lidar POP has been inserted into the Monitoring POP, but the Monitoring POP has different needs and initiatives. The Monitoring POP needs lidar along riparian areas only, which doesn't align well with the elevation FIT priorities.

GEO has worked with the OR Liquor Control Commission – to get started using GIS. They might have the authority to regulate marijuana if legalization in OR occurs. They are trying to get ready for this potential influx of spatial data analysis that will be needed.

Dave Mather is struggling to keep up with software infrastructure bugs. This is preventing GEO from assisting other agencies with their requests.

### **Agency Round-Table:**

DLCD and ODA are combining their GIS systems which will be hosted at ODA. It was helpful to have Esri come in and do a health check (3day session) on both agencies. The two IT groups have since met and gotten together on how they can share resources. The GIS structure will sit at ODA. Randy Dana, Diana Walker, and Tanya Haddad have started working on a sharing data structure that will support both agencies. Emmor asked about folks using the State Data Center to share data similar to what ODA and DLCD are now doing. We all have similar GIS data and there is still no sharing amongst agencies.

The Esri health check resulted in two primary conclusions that affected the decision to merge: Citrix was already set up at ODA, and they found out that every GIS user should have at least 1GB of RAM and they did not have enough to support their agencies.

How many days of Esri staff time? Diana said it was called a health check but it was really a system design analysis. 3 days on site. ODA used EEAP credits for this. The goal was to start the implementation in August and continue through December. None of the staff will be moving to new locations. They will access data via remote access to the servers.

Rachel asked the group about the type of FTP functionality/software each agency is using to transfer secure files to folks outside of their agency. There were a few options mentioned; setting up your own ftp server and using 3<sup>rd</sup> party software such as FileZilla which requires users to install software (which is problematic), completely open/unsecured FTP, and a subscription service that uses 3<sup>rd</sup> party software that allows you to upload the files and have the 3<sup>rd</sup> party email a link to the recipient providing access to only their designated data.

ODF had a read-only FTP but it was shut down by the state data center due to risk. They now have a unique password that cannot be emailed. This is too strict/painful process, so Emmor sends stuff to a web server and sends folks a link.

ODFW (Jon Bowers) uses the email/packaging option. ODA also uses a 3<sup>rd</sup> party software to share files. Esri has implemented Box – a commercial version of DropBox. It is a commercial service.

DOR has been using iBackup for several years.

Maian uploader is what OEM uses and it is free. <http://www.maianuploader.com/>

OMD – CuteFTP software.

Port of Portland uses Accellion. <http://www.accellion.com/solutions/online-file-sharing/secure-file-transfer>

Rachel asked the group about GIS Info listserve and GPL list serve overlap and whether she should send emails to both groups or assume that everyone on the GPL listserve is also on the GIS Info listserve? The group said that use of the GPL listserve should be for GPL business. **A:** Cy is going to check and compare the two lists to ensure that the GPL folks are also on the GIS Info list serve.

Daniel – said he tried to post to the GPL list serve but was rejected. He could see the emails from GPL, but could not post. He signed up as state.or.us email address. However, he needed to be subscribed to the list serve with the oem.state.or.us in order to post messages to the list serve. This same thing will occur when folks get switched over to Oregon.gov emails.

Daniel – lots of updates with Raptor. Raptor event switcher – now users can switch to the type of incident/event so that the data shown is relevant to the type of event. Should be on the public facing version in the next week or so. Now has lightning strike data embedded. He has also been providing lots of training to local governments on the use of Raptor.

Prep-FIT: About to start the pilot drinking water well project. Still working on collecting data and working on how the data will be housed/shared. The data should be shared ~ the first of the year.

Daniel – if anyone wants training on Raptor, email him. They also just recently pushed out the iRaptor mobile version. Don Pettit asked if there was an email list that folks could get on to get Raptor updates. Daniel is working with Josh T. on the raptor web site and this request.

The Port is looking to set up a pilot with [GISi Indoors](#) in the airport to passively track wireless devices (as a proxy for the real-time movement of people) for emergency management, retail development, asset management, terminal planning etc.

### **Lidar Report: Rachel Smith**

Rachel provided an updated lidar status map and reviewed the projects currently under development and those being acquired now. DOGAMI is looking for interested parties for the Malheur and Harney Counties area. All of the projects that were previously shown as “contracting” at the last GPL meeting, are now in the “acquiring” stage. Lots of new lidar data being collected this summer/fall.

### **ESRI Monthly Report: John Sharrard**

**A:** John will send out a link to a 15-min video with the highlights of ArcGIS Pro.

Portal for ArcGIS – the infrastructure of AGOL is now included with the ArcGIS Server licenses. So as part of your server license you can now set up your own AGOL portal for

internal use (part of the 10.3 release). Named user accounts are now part of the licenses. There will be a Portal extension and a set # of users. It hasn't been figured out how the ELA's will handle the named user accounts.

ArcGIS Pro requires that you log in to a named user account. This can be an AGOL account or your own internal AGOL portal. The State will have to figure out how to handle the State's umbrella AGOL community and the individual portals.

No more license manager for desktop licenses. The login for AGOL accounts will handle the licenses. How are you going to roll this out for your agency?

The 10.3 release will probably be in Nov./Dec. of this year.

ArcGIS Pro will be available as a finished product, separate install from the existing Desktop.

ArcGIS Pro is just another application with Desktop (like Catalog, ArcScene, etc...) Requires 4 GB of RAM. Optimal is 16GB of RAM. Also requires a modern graphics card. It is only 64 bit. No longer using the Microsoft Windows engine. So the software is writing directly to the graphics card vs. the operating system which gives the software much better rendering capabilities.

If you're buying new systems, you should take these new specs into consideration. This new system also really likes multiple monitors and handles it well.

It will ask you to login to your AGOL or your Portal. You can work disconnected as well.

The goal of the design is to make a modern version of Desktop. ArcObjects does not exist within this architecture.

Some of the advanced functionality will not be in the new architecture. It will take time for Esri to roll out all of the current bells and whistles of ArcGIS in the new ArcGIS Pro product.

A project is the equivalent of a super .mxd. It can contain multiple layouts, multiple 2D and 3D maps, etc...

### **Cartographic Best Practices Document Review: Emmor Nile**

[http://www.odf.state.or.us/gis/docs/Cartographic\\_Best\\_Practices\\_2014.pdf](http://www.odf.state.or.us/gis/docs/Cartographic_Best_Practices_2014.pdf)

Emmor has not received any comments back from folks on the document.

Send additional comments to Troy and/or Emmor for edits prior to September GPL meeting.

**Meeting Adjourned**