

## GPL Notes for December 10, 2013

Time: 1:30 PM to 3:00 PM

Location: Port of Portland

**A**: = action item

### Introductions/Attendees:

#### Announcements:

Lee Otis, Esri, announced that a new release of ArcGIS Online is coming very soon. **Update:**

<http://blogs.esri.com/esri/arcgis/2013/11/22/arcgis-online-update-coming-december-10-2013/>

[http://resources.arcgis.com/en/help/arcgisonline/index.html#/What\\_s\\_new/010q00000006000000/](http://resources.arcgis.com/en/help/arcgisonline/index.html#/What_s_new/010q00000006000000/)

Sim Ogle announced that the Port of Portland has an intern position open that is a 1 yr. paid position.

John Sharrard was at the Oregon Institute of Technology (OIT) in November for their career day and was reviewing their curriculum. He thinks OIT has one of the best GIS programs available. – John Ritter, program director (john.ritter@oit.edu). OIT would be a good contact for students, help, projects, etc... OIT is a resource that we should not overlook.

#### Review/Approval of November Meeting Minutes:

The minutes were approved. All action items listed in the minutes are actions to be completed in 2014.

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

The next GIS Standards Forum is set for Feb. 5<sup>th</sup> in Eugene. Bob is waiting on cost proposals for the venue selection. There has been an amendment to the monitoring well standard and that will go to the forum in Feb. for review. The FGDC addressing standard is also out for review.

Prep-FIT group is working on their data cataloging project and they have all needed agreements in place to get started. Elevation FIT just sent out their draft charter to PAC for review.

Portland Metro is trying to put together the 2014 lidar agreement. Justin Houk at Metro is managing that collaborative process. [Justin.houk@oregonmetro.gov](mailto:Justin.houk@oregonmetro.gov)

#### Agency Round-Table:

Dave Mather commented on training credits available to ELA subscribers. There are still plenty of Esri virtual classes available which are free credits to participating ELA agencies.

John Prychun, Dept. of Revenue, said they're starting to get 2014 cadastral data in from Oregon counties. He has checked on the formatting of data submitted to them and says the counties are submitting better

data which will be easier to merge. All data should be submitted to DOR by end of February. Final data is expected to be out by March/April, 2014.

Emmor Nile – worked last week with Sheri Schneider (USGS) to update the GNIS database – particularly the summits of Oregon. The summit names and elevations are commonly used for map production. The GNIS data currently contains the elevation from the NED database. Emmor created a DEM summits Feature class and came up with the high points – 1.3 million pts. And then snapped the summits to these points and sent them to Sheri. USGS will be updating this data ASAP.

USGS updates this data monthly. However, the only way to update this data is through an online form so the USGS volunteers helping have to do this update manually. Emmor is updating the x,y, and z info.

One of the downsides to Emmor’s process is that the benchmarks may not actually be the highest elevation of the summit. But the biggest issue with the current data is the x,y location was not correct. **A:** Emmor will share this data with the group.

**Update:** [http://www.odf.state.or.us/gis/data/Cultural/GNIS\\_Summits.zip](http://www.odf.state.or.us/gis/data/Cultural/GNIS_Summits.zip) This is an un-official/draft version of this data.

Malavika Bishop asked Cy about the InfoGroup project and how it relates to the State address project?

- InfoGroup is a company that has a commercially available datasets that are geocoded info. It might be of interest to agencies. They’re currently working with the Employment Dept. They made a presentation to a small group of agencies and have some sample data to review. Cy does not know if we’re going to use this data. Cy is going to have his group set up a REST service of this sample data so that agencies can test it out and evaluate it. It doesn’t have anything to do with the addressing project except for the fact that it has an address in the attributes. He’s heard good and bad comments on this data. For state agencies, it could have some data that they don’t currently have access to. The data will be available on AGOL.

Lee Otis mentioned some new AGOL workshops that will be available. If you’re not using AGOL, Esri has developed some workshops specific for user roles: publisher workflow and the user workflow workshop. Esri can tailor them for the State of OR. We can use EAP credits from the ELA to attend. Classes start in January. **A:** Lee will provide links to Rachel for these classes. It will be 5.5 EAP credits to attend the workshops. Up to 20 people in a class. The cost for the EAP credits is already established in the ELA. These workshops will get one-on-one training. Cost is ~ \$125 a person.

**Update:** [ArcGIS Online Subscriptions for Organizations: Publisher Workflows](#) – this is the workshop for those who will be *creating* content and sharing it. The students in this workshop may or may not be GIS power users. A prerequisite for this workshop is a familiarity with AGOL.

[ArcGIS Online Subscriptions for Organizations: User Workflows](#) – this is the workshop for those who will be *using* (consuming) the maps and services that the publishers are sharing. This workshop is all about being able to find the content and then knowing what to do with it.

Cy has put together a AGOL Governance Team. First meeting is January 23<sup>rd</sup>. Cy would like the user training to be presented to folks for free. He also suggested sending an email out to the already designated Publishers within the AGOL organization. **A**: Lee will work with Cy on setting this up.

Rachel S. asked about social media and if agencies are using it. OEM uses all avenues of social media. Led by the PIO's. Still in infancy stage. Same for DEQ.

DAS GEO has a twitter account. They use it to announce stuff. They are not using facebook.

Who's on the AGOL governance team? Tanya Haddad (DLCD), Arron Heriford (DHS/OHA), Jesus Mendez (Employment), Keith Moen (OEM), Angela Lazarean (DLCD), Daniel Stoelb (OEM) and Steve Timbrook (ODF). Cy wants to keep the group small. They have an understanding of AGOL. This is a group to make recommendations to the larger community. It will be led by new ISS6 Josh Tanner who starts in January. Cy is not looking for any more folks to add to the team.

Concerning the ELA... what is the latest on signing contracts with DAS? Nick w/ DAS is working on it. It will be a bill for the biennium. Should be delivered between now and the end of January.

### **Agency Spotlight Presentation – Port of Portland, Sim Ogle**

Sim – presentation. Not a State agency, no benefit of ELA. It's a consolidated port – marine, aviation, and industrial development. PDX is headquarters. Two smaller airports (Hillsborough general aviation, very busy airport) The Port is the largest landowner in the area. OR economy is very dependent on international trade. What goes on at an industrial park? Brownfield redevelopment, facilities for moving cargo, and manufacturing. Massive amount of water rights. International flights are taken very seriously. They heavily benefit the OR economy. Marine – 3<sup>rd</sup> largest wheat export Port in the world. Maintain the navigation channel to 48'.

Have 4 full time staff and one intern. Supports Flex, SharePoint and JavaScript. 12 TB data, 30 GIS users, web and mobile users. Provide centralized services for all groups. 18 year history of GIS at the Port. Enterprise GIS was successful in 2008. Uses X-ray which is a plug-in for ArcCatalog to see all the data in a snapshot.

Web development is in-house and it needs to be HTML-5 compliant. Relies on browser security vs. app security.

They evaluated 3 options against the business requirements developed by the Port. Then they calculated a 3 year cost.

As is (FLEX) = \$145K

Google = \$252K

GeoCortex = \$51K (includes optimizers which tracks statistics on products).

Port has a business team that evaluates business needs, resources, etc...

Highlights of GeoCortex: Multiple viewers, fast search, tools (integrates well with ESRI), reduces maintenance, statistics, long-term stability. Solved many unmet business needs.

HTML-5 will be mobile browser on top of Esri's javascript app.

In mid-2013, asked to look at moving 100% of GIS into the cloud. They focused on the amazon web services. Goal: to reduce commodity services internally, build 4 hr. disaster recovery capability.

AWS teams are great to work with. Calculated the effective annual cost of operating their internal costs of hosting their own stuff.

Decided to conduct a pilot within a year and in FY15/16 they will move GIS to cloud. Users outside the Port's internal network will be able to access their information.

Have not yet tested ArcGIS Server and the Amazon cloud. There were no licensing issues of moving everything to the cloud.

GeoCortex – comparison of other products? Sim didn't find anything that compared. Their evaluation occurred a year ago.

Cy is looking at Voyager (navigation tool) to find data. Sim looked at Voyager but it didn't meet their business needs. OR Explorer folks are planning to implement GeoCortex (INR/OSU). In January, GeoCortex is starting a Portland area user group. They're planning to have a demo of their software.

They're using Performance QA (extension in ArcCatalog) and Firebug and Fiddler to check performance.

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

They're making progress on address point project; will have 3 pilot projects. Had been evaluating software packages for a web-based editing tool. They picked GeoCOM. They don't provide a way for the address authorities to notify the entities when a new address has been added. Doesn't allow you to create a batch set of addresses (trailer park, apartment buildings). Data model meets many business processes/needs. The software is already used and trusted by the emergency response folks which is the primary business use of the project. Keith Massey is the PM for the project.

New web administrator starting in January - Josh Tanner.

**Meeting Adjourned.**