

## **GPL Meeting Notes**

**March 9 2021**

### **Roll Call**

Joe Severson OSMB  
Janine Salwasser INR Presenter  
Kathryn Helms CDO EIS (GEO)  
Matt Williams DOGAMI  
Paul Cone (TAC) City of Portland  
Myrica McCune (TAC) OSU Institute of Natural Resources  
Chris Zeitner (TAC) City of Springfield  
Bob Harmon (TAC) OWRD  
Shivon Van Allen (TAC) NW Natural  
Tom Elder (TAC) DHS-OHA  
Nikki Hart-Brinkley (TAC) RVCOG  
Nathan McAlvage (TAC) Multnomah County  
Tom Carlson (TAC) USGS  
Phil Smith (TAC) ODOT  
Stacy Schumacher (TAC) Umatilla Tribes  
Malavika Bishop ODEQ  
Don Petit ODEQ  
Phil McClellan DOR  
Thom York DOR - scribe  
Daniel Stoelb OEM  
Cy Smith GEO  
Ty Conley GEO  
Emmor Nile ODF  
Ed Buchner DOGAMI  
Brady Callahan OPRD  
Diana Walker ODA  
Randall Sounhein DSL  
Rachel Smith DLCD  
Tanya Haddad DLCD  
Jon Bowers F&W  
Aaron Heriford OHA

### **Announcements**

Dev Summit early April

GIS In Action April 19-22

Prep FIT joining GPL meeting in April

Joe reaching out for future GPL content

## **ArcGIS Online/HUB/DataPortal – Josh Tanner**

moved to April

## **DAS-GEO Report – Cy Smith**

Josh Dave Ty working on HUB for agencies

- Online "smart" spreadsheet (form) so folks can sign in and begin to get their communities into HUB
- OEM and ODOT have started process
- For people without AGOL accounts as part of an expanded set of users for a particular initiative

GEOspatial data and sharing project

- Part of POP
- How will it work with HUB and HUB Premium?
- Stage gate docs have to be completed
- Bringing in a consultant to help

OGIC

- Notes posted to website <https://www.oregon.gov/geo/Pages/ogic.aspx>
- Working on OKRs for OGIC and getting their dashboard up and running
- Want to get FIT and TAC OKRs onto the dashboard too

FIT Funding Program

- Kicking off soon (April), starting with solicitation for proposals
- The usual evaluation/approval process
- Expect to get funding starting July 1st, starting in early April to time with availability of funds after July 1

HB5510 moved forward from Natural Resource subcommittee to Full Joint Ways and Means

- Full funds DOGAMI agency, including LIDAR program
- No longer so dependent on federal grant money
- Looks like a done deal at this point

GIS In Action

- \$35 to register
- Encourage everyone to attend
- 4 keynotes, one per day
- Including keynote for OGIC on 276A data sharing
- Another keynote on Diversity/Equity/Inclusion
- Danial Stoelb has presentation with Clackamas on lessons learned from wildfires last September
- Paul Cone from TAC also presenting

- Still openings for sessions
- ORURISA <https://gisinaction2021.sched.com/>

#### TAC

- Shivon Van Allen newest member, representing Utilities

### **FIT Update – Matt Williams – Building Footprints**

#### Progress on Building Footprint database

- Statewide set has almost been completed
  - o Linn county still pending, Steve Barnett still working on things
    - Might go with placeholder if Linn takes too long?
- Bing dataset made it possible
  - o Fills in gaps where counties don't have data
  - o All eastern half of state is Bing except in Burns
- Bing has measurable number of errors
  - o 9% of commission
  - o 10% error of omission
  - o E.g. Mobile homes / trailers missed due to algorithm to exclude semi-trucks/RVs

#### Stats

- 2.1 million buildings
- Take Metro's out (700k) and Bing accounts for 41% of all other buildings
- Matt's done 75k, about 5.5% (if you exclude Metro)

#### Schema Attributes (mentioned at various points)

- Unique ID most important
- Data Provider
- Source, LIDAR etc
- Building Elevation – lowest adjacent grade (using zonal statistics)
  - o Emmor suggested converting polys to points (centroid or building corners?) which would make extracting elevation go faster
- Roof Height (using zonal statistics)
- Taxlot ID (see integration below)
- Tanya thinks for schema you need "vintage" of source imagery, and/or last review dates.
  - o Matt's working on both these fields
  - o Don Petit thinks this info could provide insight into quality of data
- Tanya also thought it would be useful to attached "year built" of the building (not the polygon) – good because it never changes so easier to maintain, unlike other properties like building "use"
  - o Matt agreed
  - o Matt did sample run in Douglas county, it seemed to be about 60% had year built
    - better incomplete than not at all

#### Integration

- How to tie to other datasets?
- Tanya: don't increase maintenance burden by over-integration
- Want to try to tie it to assessor information but hesitant
- It's very mutable, and changing over time
- Leave it to the end users to join with other datasets?
- If the BFs are at least attributed with TaxlotID, then consumers can use that as a gateway to tying BFs to other external datasets

Still outstanding: Data standard, meta data

Stewardship is big albatross: who's going to maintain? How to fund maintenance?

- Funding through "risk assessments" asset development possible at DOGAMI
  - o But that's dependent on where DOGAMI is required to do risk assessments, not other factors (e.g. availability of new data)
- Important as this data changes regularly
- Daniel asked what the expected frequency is for updating is and if counties are providing feedback or taking ownership moving forward?
  - o Matt wants to ask counties about updates
  - o Matt's talked to Christine at Metro, about how the updates are done, not yet frequency of updates
  - o Paul Cone: Portland constantly updating BF data, he thinks Metro will update quarterly as part of RLIS update
  - o Matt will follow up
- Matt wants to devise way the schema can support updates
  - o E.g. never repeat unique IDs, retire polygons like Portland/Metro?
  - o Daniel suggested statewide standard

Budget

- 75% of the grant used to this point
- Should be enough left to get this done

Chat/Questions

Janine asked "Could there be a connection to the state historic register for older buildings?"

- Matt has Lat/Lon somewhere so it's possible
- Don Petit recommended "provide a bridge" to other datasets but don't replicate them

State-ownership is another thing that could be merged into the dataset as well

Daniel in chat:

- Might have an imagery reference date and a "last touched" date?
- Or a reference source field and last touched date?
- Matt agrees, but worries about availability

## **FIT Update – Hydrography – Bob Harmon**

In addition to the state Hydro FIT Bob chairs, he also works with a regional hydrography group

- Includes Washington Oregon plus federal agencies e.g. BLM Forest Service USGC NRCS etc.
- Have a call with "PNW Hydro Stewards" Thursday
- Will send out announcement when a date for next meeting scheduled, later this month or early April

### **GPL/TAC OKR Report – Joe Severson**

Requesting comments feedback on the GIS Directory XLSX contact list by end of the week

### **GPL/TAC OKR Report – Daniel Stoelb on Damage Assessment Project**

Wants to establish what data should be tracked for home impacts, business impacts

- Objective is to "ask once"

His group's been asking the community what data is needed beyond what is already tracked

Compiled a list of already tracked major/minor damage info, but what else?

- E.g. Utilization of ATC forms
- Counties use public forms they distribute to property owners to self-assess
- OSFM has a standard process they use for damage assessment (flowchart presented)
- Daniel presented document that lists different data points e.g. "Accessibility"
- Links to document will be shared
- Importance is to blend many templates into one statewide standard
- Different workflows based on Yes/No answers to initial questions (e.g. ATC)

Also working on "Damage Assessment Reference Guide": supporting document to help those involved in conducting damage assessment

Use of Survey 123 along with QR codes for easy downloading of surveys

Videos that provide instructions of how to do damage assessment

Connection to AGOL

Looking to start testing tool next week, into production in time for this year's fire season

### **Equity, Social and Environmental Justice in GIS Kathryn –**

Start of a conversation, a call to action

This is a governance committee agenda item: Equity Mapping Initiatives

Many state agencies already doing this (see chat below)

Frequently involves the spatial intersection of geolocated demographic data with servicepoints/areas

Some questions/topics:

- How do we convene those involved to coordinate and avoid duplication of effort?

- How to make these layers into shared services? ESRI Living Atlas? Other tools (ACS)?
- What data are folks using e.g. Household surveys, census, other?
- Could these layers become FIT layer?
- Need to establish "authoritative sources" (see below)

Contact her at [Kathryn.helms@oregon.gov](mailto:Kathryn.helms@oregon.gov)

- Let her know if someone in your agency is working on this

Chat on this topic:

Daniel asked "Have we identified authoritative sources for what is considered equity data layers?" (Kathryn responded that the lack of these authoritative sources is why this call to action is being made)

From Rachel Smith to Everyone: 02:37 PM

DLCD contacts for the equity work are: myself and Cody Meyer.

From Daniel Stoelb (OEM) to Everyone: 02:38 PM

You can add me. We might not be right now, but I have been asked a bit in the past for the wildfire recovery efforts.

From Don Pettit -OR DEQ to Everyone: 02:38 PM

DEQ definitely working on equity analyses

From Phil Smith, ODOT (he, him) to Everyone: 02:38 PM

ODOT Social Equity Index is coordinated by our Asst Director Nikotris Perkins. I am involved as part of the GIS Unit support to region planners and engineers involved in the modeling effort.

From Nathan McAlvage to Everyone: 02:40 PM

@Kathryn, if you want a County contact, at Multnomah you would want to reach out to Ben Harper.

## **Oregon Spatial Data Library Survey Update**

Cy Intro

- Ongoing contract with OSU, FIT contract to combine Oregon Imagery Library with Oregon Spatial Data Library
- OSU ran a "User Need Assessment " survey Nov 5 – Feb 7 – 280 responses

Janine

- See powerpoint presentation (available where?) for complete survey results
- Room for improvement on people being able to find Framework data
- Respondents want to be able to browse data and refine search results by categories
- Clip and Ship option sought
- Swipe Imagery

- SHP and GEODB most used formats, TIF and REST Services next
- More people use data services than download data
- 73% want to combine Imagery with OSDL

## Roundtable

### DEQ – Malavika

- Finally migrated all ArcGIS Servers to state data center
- Next year will migrate Geocortex servers there as well
- Reached milestone last week on application for open burnings
  - o Creating layers using the OARs
  - o Malavika assisting getting this into an AGOL application
- EDMS is at UAT stage 1
- Bunch of AGOL users already, but now that HUB premium is available going to add quite a few members to that service too

### DOR – Thom

- Down to only one county left to complete for ORMAP
- Hopeful to have done by end of next week, dependent on county at this point
- Thom asked what has historically been the typical timeframe for state agency's receiving ORMAP data
  - o Rachel Smith said it definitely varies year to year, anywhere from February through April

### OEM – Daniel

- They developed story map for 2021 ice storm
- Working with recovery teams and doing damage assessments
- Current tally \$35 million disaster
- Wildfire recovery ongoing
- Efforts with interagency wildfire recovery group
  - o Dealing with recreational sites
- COVID 19 working with health authorities
- Upcoming AGOL upgrade "collaboration"

### Forestry – Emmor

- Prepping for fire season
- Thanks to Thom for early access to taxlots
  - o 124k duplicate real property records narrowed down
  - o Counties handle taxlots split by taxcode areas differently, bit of a challenge
- Transitioning users to ArcGIS Pro
- Several live training and self-paced offline training
- Wishes it was faster
- Building list of AGOL users, will work with Josh to get groups set up
  - o Lots of associated users who need to access restricted layers

### Water Resources - Bob

- Nothing new to report

#### DOGAMI

- No update

#### OPRD - Brady

- Imagery FIT update
  - o Cy and he have been meeting with vendors on options for future imagery updates
  - o Cheaper to use a subscription model?
  - o 2022 next expected collection year for OSIP
  - o Working with Forest Service to process into "phodar" data into a digital surface model (60k sqmi)
- OPRD seeking passage of Senate Bill 109 which allows them to regulate drone use in parks
- Working with OSU on Archaeology Sensitivity Model in support of HB 3149 dealing with gaps on the Oregon Coast Trail
- Working on Statewide Recreation Data Standard
  - o Leveraging existing statewide parkland data (part of SCORP?)
  - o Will be reaching out to select agencies to enlist help

#### DHS – Tom Elder

- Vaccine distribution
- Created model to determine if second doses will be available at each distribution point

#### DSL - Randall

- Federated 2 ArcGIS Enterprises
- Change management process to go from test to production
- Planning to python script process to make updates seamless
- Enterprise a lot of work, but pretty robust
  - o like tapping into Portal data from mobile devices
- Less AGOL and more Portal going forward
- Created Print Tools for each web sites
- Expanding use of Pro

#### DLCD - Rachel

- Just hired intern (PCC paying)
  - o Working on print templates within Portal
  - o Also exploring ESRI technologies like Hub sites, experience builder, dashboards
- As Kathryn mentioned, DLCD part of workgroup for spatial component of Equity Social Justice and Climate
  - o How to use these sources to make sure committees are representative of those who could be impacted by the implementation of administrative rules
  - o Working more with ESRI Business Analyst and Living Atlas, rather than raw ACS data
- Tanya added something too (coastal): NOAA coastal fellow has been working with shoreline access workgroup on decadal data for shoreline access data in the coastal zone
  - a. Point of workgroup is to ensure it's compatible with Access data compiled by other agencies
  - b. There will be a data exchange standard and stewardship document



#### ODOT – Phil

- Appreciation for hearing about social equity, there's a fair amount going on with that in ODOT
- Onboarding an intern as well (Spencer)
- Pro migration: currently 400 desktop users, about a dozen Pro users
  - o Trying to get a quick start guide going for those who know Desktop and want to jump in
  - o Need to migrate the Desktop tool to Pro that provides templates and customized toolbars

#### ODF&W – Jon

- Ongoing coordination with DSL on Essential Salmon habitat, extended a couple weeks
  - a. Distribution data, people questioning it, impacts things like mining
- Working with DEQ on water quality rule making
- UofW certificate interns working on project simplifying angler location points mentioned in the regulation booklet
- Involved with wildfire recovery working group, especially around fish and wildlife habitat

#### OSMB - Joe

- Boating community outreach for new tool use (past presentation)
- Boating cruising guides forthcoming, using story maps in conjunction with Tourism

#### Myrica McCune (TAC)

- Working on project on renewable energy siting
- Link to project: <https://www.oregon.gov/energy/energy-oregon/Pages/ORESAspx>