<u>**February GPL Meeting Notes**</u>

9 February 2021 1330-1530

- Role call
    - Malavika Bishop - ODEQ
    - Daniel Stoelb - OEM
    - Adam Mele - OEM
    - Melanie Wadsworth - OSFM
    - Cy Smith – GEO
    - Josh Tanner - GEO
    - David Mather - GEO
    - Emmor Nile - ODF
    - Meridith Carine - OWRD
    - Rudie Watsig - DOGAMI
    - Ed Buchner - DOGAMI
    - Tom Elder & Erin - OHA
    - Diana Walker - ODA
    - Randall Southein - DSL
    - Phil Smith - ODOT
    - Jon Bowers - ODFW
    - Joe Severson - OSMB
    - Brian Paulson - OSMB
    - Carl Anderson – OMD
    - Myrica McCune – NRI
    - Tanya Haddad – DLCD

- 1:30 – roll calls, march GPL/TAC, open data standard published, NWGIS Spring Workshops
    - In March GPL will be joined by TAC
    - Open data standard has been published
    - April 7th workshop – geoprocessing tasks and automation
    - GIS in action will be virtual this year April 19th – 22nd
    - Daniel Stoelb – scheduled PrepFIT meeting march 17th from 0900-1100, let him know if you're interested
    - David Mather – registration now open for summit (is virtual) will be sending out details soon. Meeting is in April and registration is open.
    - No changes mentioned for charter
    - Skipping June or July meeting in summer? Phil smith said July when folks travel to UC? **Everyone agreed for July as a break**
    - Asked for agency topics and get them to Joe Severson

- 1:40 – OSMB BORT

- Brian Paulson main presenter - Waterways coordinator for OSMB, works with marine law enforcement personnel & OSP
- Waterway obstruction – prone to natural obstructions that can impede navigation. Are important to report. OSMB jurisdiction allows removal of debris. Has to be extraordinary life safety event to exercise jurisdictional authority. Geospatial challenges have existed in trying to get an exact location. In 2018 started using survey123 for gathering info for reporting.
- Have begun engaging public due to many events/wildfires/obstruction. Would previously take several emails and time to gather needed information to engage boaters and provide reporting tools
- Two mechanisms.
  - Quick BORT which is public and can be used without an ESRI ID and takes email, then allows boater to take pictures and describe where the obstruction is. User gets receipt after report
  - BORT–LE - Law enforcement version of survey123. Allows law enforcement partners to post info and obstructions found. Is also linked to URL-based surveys.
- Review process is used to look at info before posting or for QC to ensure accurate and relevant information is included in the BORT application
- Two hubs
  - Boat Oregon online maps hub
  - Oregon boating obstruction hub – users can look at guide for quick BORT and access through a QR code. Has two surveys referenced in quick capture app. Public can get pictures and later on go into the application and enter obstruction data for reporting. Quick BORT can be brought up on mobile devices as well. Put together a detailed user guide for users to detail obstructions, what side of river, what side to navigate past the obstruction, etc. includes a whitewater edition.
    - Once survey is submitted, staff is notified by email of the new report submitted. Email confirmation is also sent to the user who submitted the report
    - Once everything comes together it is placed into the dashboard
    - Master survey can be reviewed for QA/QC. Surveys can be marked as resolved. All surveys can be viewed
    - Brian demonstrated an example of the resulting map with the obstructions, the status, and the level of information in BORT
    - Was previously very time consuming but this new tool allows much greater info and time saving
  - Daniel Stoelb asked what solution is used with web hook. Brian mentioned power automate and Microsoft workflow are used. Brian also mentioned potential issues using those in state infrastructure, and also Python scripting can be utilized.
  - Joe Severson stated there were some issues on his end also with web hooks and asked if anyone was using Integromat or Powerautomate.
  - Dave Mather installed BORT and asked if anyone from public with an email could submit data, and Brian verified that is correct. Dave asked if information would be sent back to the user, and Brian verified that correct as well, and that the user

would be then directed back to the hub afterwards and displayed an example of what message would be received back. Dave asked how the public would know of this tool. Brian stated they have outreached through watershed and other channels, but haven't broadcasted the tool to the greater public due to concern of risks to general public safety, and are trying to include this tool to experienced personnel/enthusiasts

- Emmor Niles suggested since this tool is impressive and the emphasis is on waterways, why not have an additional layer that emphasizes the streams and waterways instead of being obscured by county/administrative lines. Joe Severson mentioned they are developing a boated and waterways layer to complement the tool
- Daniel Stoelb also asked how does OSMB keep track of historical obstructions, and how are they aged off, and how are they archived? Brian stated obstructions require law enforcement verification. And for liability, law enforcement gets email notification when an obstruction is removed. For archiving, Brian and Joe mentioned the removed obstructions are still kept because of litigation and safety concerns.
- Jon Bowers praised the work of OSMB for this tool and mentioned the tremendous amount of wood that will be coming soon due to recent events, but that the wood in river ways is also essential to the ecosystem. Brian agreed and stated the tool is mostly for situational awareness of the public and enthusiasts that are boating.

- 2:00 – DAS-GEO Report, FIT Report, OGIC Report
  - Das GEO Report
    - Cy Smith mentioned there are a lot of tasks and projects going on with AGOL and Hub. Dave is working with ArcGIS server and framework set up and items labeled as authoritative, and next GPL they will be ready to present what state they are at.
    - Cy mentioned they are looking for sources of funding for the three evaluation projects titled Geospatial Data Management and Sharing Project. The project is being moved through stage gate 3 and 4, so all project management level items at the moment. Right now working on schedule and stakeholder registry to which there are a high number of potential stakeholders and requirements.
    - Cy mentioned OGIC reconstituted their resource work group, which previously worked on budget package and project plan with legislature, so they have broken into a steering committee and another to guide the project/an engagement team for the project to advocate it. OGIC also established a policy advisory committee and is starting to form items/tasks. OGIC working on OKRs, continued current and approved a few new ones. Once OGIC's dashboard is up to date, Cy will make it public to view all of the actions going on.
    - OGIC is working with Metro on COVID economic recovery project part of the rationale is to help validate and determine how GeoHub would be useful for such a project. They are putting together a prototype on housing economic development, and a couple other criteria, which can possibly be applied later throughout the state.
    - At the OGIC meeting Daniel Stoelb was approved as a PrepFIT co-lead with Don, and have set a prep meeting for March. Cy is working on a change order for ESRI

enterprise agreement, make a few changes, but is taking a while with all the changes in the change order. OSAKA is going to take a legislative item forward for imagery (oblique, satellite, etc.) for funding for the effort. OSAKA has stopped for a bit due to data sharing issues, but are now continuing and Cy is hoping to hear and share more about that soon.

- David Mather screen shared an organization Hub page that they are cautiously exploring development of. Need to move non-state employee accounts out of our AGOL accounts and to community accounts. David showed a sign up form for a single person to sign up or for multiple people to sign up for accounts, and the form would ask. If you have new people in the future that need to get involved/out of AGOL accounts, ODOT is completely out and this is the process. David said they don't want people to add themselves. If there is a bulk request, an option can be used to help identify multiple users very quickly. The form asks if you would like the new user to have credits, what agency they would be under, who the point of contact, etc. After the request is submitted, David and the team will get the requests and will allow more folks to get involved without using our state AGOL accounts.
  - Daniel Stoelb asked what the turnaround time would be with getting accounts. David stated it shouldn't take more than a few days, but may take longer if there's a large group. David mentioned Ty Connely is a third person there to help with the requests. Daniel asked if this process is specifically for individuals not in our agency, and David confirmed that as correct, as if there's contractors, but these community accounts are not to be used for State of Oregon employees.
  - Cy asked if other state employees vs city local employees would be handled differently such as DHS during disasters, etc. and David stated if they're a state employee they should have a standard AGOL account.
  - Tanya Haddad stated they have an immediate need, and asked if someone is given a community users account but then is added to a group, would they be able to fully contribute to data, and David stated that would be possible but would depend on what their account privileges would be when requesting an account for a user.
  - Diana Walker asked if other groups would be able to be brought in, and David said if they're not a state entity then this new tool would be appropriate for them, and if there are any questions to reach out to Josh Tanner or him.
  - Cy stated a big reason for this is external folks can be added for much less cost than previously with standard state AGOL accounts.
  - To Josh Tanner, Cy restated the previous questions asked with the need coming up, and are they ready? Josh Tanner stated they're working with Phil For signing up users, and can be as short as same-day turnaround, but for bulk such as 50 users, they would add them individually. Josh said on the back end, users are tagged to their respective agency so they can ask questions and track requests more accurately, and use a notifications smart

sheet that notifies Josh, David, and Cy for the requests. Josh mentioned some "gotchas" do exist with the process, such as searching for a user part of the community, but the user has to be searched outside of the org, and the system doesn't allow wild cards. With the new system, Josh stated they can better represent the accounts.

- Daniel asked if a community account can be made a group manager, and Josh stated that yes they can do anything a standard AGOL account could do, but there is greater control over those user permissions and tracking. Daniel asked what role would we invite them for field work, and Josh stated we could just use default roles for now. David stated that Viewer, Editor, and Publisher roles are the only three currently available to choose, but Josh mentioned we could possibly add more in the future.
- Phil Smith stated he found the bulk request to be easy to do, and the hardest thing to do was figuring out on their end who would be the group managers, subs, viewers, etc.
- Josh Tanner shared the sheet tool: https://app.smartsheet.com/b/form/ba12e297808b43aba46c3dc3ad1c5e5f

- 2:15 – GPL OKR Follow up/action plan
  - o Joe Severson mentioned working on an SOG for operating response and who the contacts would be, creating a data collection template, and then a tabletop exercise for Cascadia rising.
  - o For the first key which is aiming to complete in April, Daniel Stoelb has put together a SOG to gather feedback and wondering if Daniel has received additional feedback so we can help him fill in gaps to how state agencies can work with a SOG and OEM for a disaster.
  - o Joe wondered what agencies might need additional support in a disaster and who could be identified before a disaster occurs.
  - o Joe asked if there are standardized keywords to search. Daniel stated tags have been generally inconsistent and all over the place, but there are categories that were lumped together for a group. Joe asked if there would be a viewed benefit to have tags set up ahead of time, and Daniel agreed there would be; one example might be the GDM.
  - o Joe asked Daniel about metadata standards, and Daniel stated it had been lacking and asked if there had ever been metadata standards developed for web standards, and while they have been few and far between, a while back we had worked on the standard.
  - o Joe asked about GIS workgroups for post- and pre-emergency response, and while they're forming now, is that something that can be identified ahead of time and maybe the groups meet annually, such as the recreation workgroup for his agency for what is open and what is not depending on fire boundaries, and if a process exists that could help them determine an areas status? Daniel suggested the workgroup discussion would be better suited as an effort under PrepFIT
  - o Joe stated Daniel had shared this info and a GIS contact list from January 2021 and Joe wanted to make sure everyone had a chance to look over the current data to get back to Daniel, then a PrepFIT meeting in April. Daniel said after the meeting in March they would be able to reengage everyone on topics of focus, and within the next year they would have

some good products and ID some key elements of focus. Joe asked what the topic would be in April to focus on, and Daniel said TBD

o Cy stated PrepFIT is specifically to figure out what data will specifically be needed, what sources, where is it going to go, where could folks find it, etc. and PrepFIT has already established in the past many other datasets, but none of them are in the GDM since their goals are at a higher level.

o Joe asked what else GPL can do to help with SOG and his work. Daniel asked if anyone has additional questions or feedback/items for consideration or to be addressed to incorporate. Cy asked what the relationship is between the SOG and the GDM, and Daniel stated they are one in the same, as the GDM is a segment of the same document, being able to organize content within our planning documents. Cy stated this document would be the ideal place for folks to review and provide feedback. Cy asked if folks should send anything back to Daniel, and Daniel agreed and asked if they could track changes to most easily incorporate changes.

o Daniel stated the scope of discussion is more of the case of this being a high order event, where multiple state agencies in an emergency would be activated. Cy asked to set a date which folks need to respond by and asked if **next GPL would be appropriate, and the GIS contact list**, and Joe agreed. **Cy stated a message needs sent out to the GPL listserv as an action item to review the documents and close this task out**.

o Tanya Haddad stated she would be willing to look at the metadata for web services topic, and Daniel stated after Tanya takes a look we could look at the document together in the future. David Mather asked if this was generic, AGOL, or what should be done when capability allows? Tanya responded as she was simply willing to look at the document together and follow metadata topics, and would like to see what's possible. David stated more can be done with ArcGIS server than AGOL for metadata, and agreed with Tanya.

o Cy mentioned Katherine stated she would like to talk about/discuss with GPL the idea of participating in the exercise in June 2022, and wanted to talk about how to be involved in the data management and sharing of such an exercise as time comes closer

- 2:30 – Open Data Program
    o Joe stated a few folks were interested and asked if anyone had issues, and to ID publishable datasets for prioritizing them. Additionally, there is a need for a data coordinator by deadline of June 2021, and Joe asked if anyone else had been working with this recently. Jon Bowers asked if other agencies had started their efforts on this. His data doesn't quite have well established frameworks for what roles folks play and there are a lot of pieces to look at, and reflected Joe's question. Wanting to avoid duplication of effort especially

    o Daniel stated nothing yet on OEM's end. However, was curious to hear how they are addressing this at the agency level. Daniel stated they have some stuff in GIS, but curious to see how they are looking at this from a state perspective.

    o Jon stated the challenge of the appropriate level of granularity and data management, and their agency may be one of the most challenging agencies with different data sets and needs, and would like to discuss this more as 2021 progresses

    o Joe asked about a timeline on addressing the topic and asked if Katherine should be included to keep tasking moving? Jon Bowers stated Katherine is addressing the topic but we will have to engage as they find needs, and to reach out if anything is needed

- o Tanya Haddad stated a nested plan could be laid out at a high level first, then increasing detail over time.
  - o Malavika Bishop stated a subgroup of the council has met with Katherine on the topic and discussing internally, and she might be involved over the next couple of months. She started looking at the internal datasets that could be included in the future but hasn't started any in particular yet
- 2:45 – Roundtable
  - o DOR – Joe on behalf of DOR - Received most of ORMAP data for all but two counties with agreement. Processed 10 counties so far, and aggregation completed by February
  - o State lands – Joe on behalf of State Lands – created new testing environment for production/test environment to respective server hosts. Updating multiple print template services for portrait/landscape and working in both ArcGIS desktop and Pro
  - o DEQ – NTR
  - o OEM – From Adam Mele, continuing to review NENA Next Generation 9-1-1 documents and their requirements, so no significant update since last month, just continuing the discussions. From Daniel Stoelb, continuing work with damage assessment, coordination meetings for local procedures and functionality for a templated solution. State & federal partner meetings with PIO on wildfire recovery efforts and dashboards for those. Reinvigorating PrepFIT and meeting on March 17th.
  - o DAS GEO – NTR
  - o Forestry – Emmor – Been busy moving from version 10 of ArcGIS to Pro. Had training sessions 4 to 5 times and getting good response. Taken advantage of remote desktop procedures. Significant advantages of Pro. Last week shared the link to Beachie creek imagery with downside of capture being end of October but it's public and can be shared out as desired. Recently running viewshed analysis visibility command, and takes advantage of GPU but had error with processing/stated ESRI could do better job describing what requirements there are for the processing. Received some initial tax lots and continue to see who owns land vs pays taxes. Thousands of polygons overlapping due to many tax records on a land such as condominium, cell tower, etc. and would like to get land ownership done before wildfire season. Asked Cy if there's a plan forward with Planet imagery. Cy stated there's currently to hope Osaka is successful since there's currently no one interested in funding the effort or don't have the funds. Emmor asked if they had limited access such as three people, if there would be a difference in cost. Cy stated he doesn't know if there would be a cost difference with limited access. Tanya Haddad asked what the outcome of the planet imagery call was but had maybe two or three people interested. Cy stated he would go back to Planet and has an upcoming call so he will check with him for more pricing and limited user pricing. Tanya stated framework development grant is looked at for imagery from Planet, but only if there's funding and Cy echoed that funding is certainly the limiting factor. Emmor stated they have a LD ISS5 position open for fire protection program they are looking to fill
  - o Water resources – NTR
  - o DOGAMI – NTR
  - o DHS – NTR for them and OHA
  - o ODA – NTR

- o DLCD – Tanya Haddad – Coastal updates. Recently roped into supporting blue carbon working group for governor's plan through end of June, so a hub is set up for that. Even number of internal and external partners. Also echoed the mention of Planet imagery. Territorial sea offshore work going on and would be interested in sharing with GPL in the future. Asked Cy that NOAA had high resolution impervious data in Metro area and was curious if Cy had shared that with anyone or shared it. Cy stated he did get the imagery but didn't have time to look at it yet on the priority list, but will work on it now since interest has been expressed and it will be made available soon. Tanya stated there's nothing public yet but high resolution land cover from NOAA could select Coos County and they have preliminary product that they want folks to review, and are willing to share it if folks are willing to provide feedback.
- o OMD – NTR
- o ODOT – Phil smith – leveraging AGOL community accounts with contractors for sensitive information sharing around wildfire recovery. Next printing of official state map/cartographic map is being delayed for a year due to decreased consumption and reduced travel
- o Dept. fish and wildlife – Jon bowers – Getting ready to shift users over to field maps. Efforts around fish habitat distro. DEQ working on technical work group around water quality standards which include fish data.
- o Myrica McCune – NTR
- o ESRI – Anyone that needs to talk to him just reach out. Emmor asked who John with ESRI works for, since he gets dead ends when he tries to work with them on issues, and Cy stated he would correct that discrepancy immediately.
- o OSFM – Melanie – working on Survey123 and will share with Daniel the plan moving forward with data received. Last month attended base deployment enterprise class with ESRI and feel confident about installation coming up in a month or so. Heard from OGIC and Jeff, who made a connection with an OSFM manager and get a briefing on OGIC's mission for wildfire mitigation project. Cy thanked Melanie if she moved that forward. Emmor stated they have updates for structural fire districts they will forward to OSFM.
- o Marine board – Joe Severson stated they have been working on data collection tools, and story maps for boating and cruising guides in partnership with Travel Oregon and setting them up a travel blog style, maintained as a living guide with Story Maps.