March Joint GPL/TAC Meeting
March 12, 2024
SCRIBE: Arthur Rodriguez, ODF

Attending:

Dan Antonson (DSL), Preston Beck (Tigard, TAC), Malavika Bishop (DEQ), Jacob Blair (LCOG, TAC), Jon Bowers (ODFW), Erik Brewster (DAS), Julia Brown (DHS), Scott Bruton (OSP), Elissa Bullion (Oregon Legislature), Brady Callahan (OPRD, TAC), Paul Cone (Portland, TAC), Adam Crateau (Marion County), Willow Crum (GEO), Tom Elder (DAS, TAC), Melissa Foltz (DAS), Joe Gordon (Metro, TAC), Tanya Haddad (DLCD), Bob Harmon (WRD, TAC), Ben Harper (Multnomah County, TAC), Arron Heriford (DHS), Tad Larsen (WRD), Ariel Low (LPRO), Eric Main (OHA), Sarah Marvin (DLCD), David Mather (DAS), Myrica McCune (INR), Ismael Padin-Dujon (DHS), Don Pettit (DEQ), Alex Petzold (OEM), Paul Platosh (DAS), Arthur Rodriguez (ODF), Joe Severson (OSMB), Stacey Schumaker (CTUIR, TAC), Phil Smith (ODOT, TAC), Randy Sounhein (DSL), Daniel Stoelb (OEM), Diana Walker (ODA), Rudie Watzig (DOGAMI), Juliana Wold (OEM), Cassidy Wood (OSFM), Tim VanDeWalle (Yamhill 911, TAC)

Announcements
- Training announcement for two trainings related to the FEMA HAZUS tools coming up in May and July. An email was sent to the group from Daniel Stoelb.

GEO / OGIC updates (Willow Crum and David Mather)
- GIS Day and/or Legislative Days
  - Have been looking into booking something at the state capitol. The rotunda is not available so looking into other potential locations.
- No updates on Esri EA negotiations.
- Training notification for a new Arcade course was sent out by DAS GEO. Training costs were identified and called out in the email, with the savings provided through the ELA highlighted.
- 5 spots have been used for the Esri UC in-person conference and 9 are still remaining.
- Inquiry sent to GPL and EA users asking about Navigator Services. Have gotten 10 responses. Five main services are being used. 8 agencies responded and also OSU. 20 apps and/or specific processes reported as relying on the geocoder, admin boundaries, and/or transportation services in Navigator ArcGIS Server. Please respond to David if you haven't already.

Framework update (Melissa Foltz)
- Spring Framework Forum
  - Agenda and Registration is available here - https://www.oregon.gov/geo/pages/fit.aspx
  - More reminders and details on hotel rooms coming soon.
  - In person-only, but looking into virtual option for Fall Framework Forum.
- Framework Grant Proposal Reviews
  - Framework committee completing review in first week of April
  - Then will be sent to OGIC for next round of review
  - Proposals covered: Building footprints, statewide historical and current vegetation updates, zoning updates, and Urban Growth Boundary updates
- OGIC's data sharing processes have kicked off and are reaching out to specific agencies. Please reach out with any questions or concerns.
- Address and building fit holding their first meeting will be Monday March 18.

TAC Chair Nominations (Tom Elder)
- 11 members (out of 17 total) attending the current meeting (identified in attendance section)
- Nominating Joe Gordon to be the next chair of the TAC committee (starting in June 2024)
- Need to identify a vice-chair
- Last year TAC tasks focused on the FIT Inventory and doing an initial check before it was sent to OGIC
- This year could be working on updates/changes to the state project and datum.
- TAC leader succession: state gov, local gov, and other sector. I think "other sector" is up for nomination.
- TAC charter: https://www.oregon.gov/geo/Documents/TAC%20Charter%20v4.pdf

Presentations:

GIS Next Generation 911 (Alex Petzold, OEM)
- Oregon Next Generation 9-1-1 Info Hub (arcgis.com)
- Presenter contact: Alex.Petzold@oem.oregon.gov
- Estabished by Legislature in 1981, 911 program admins and manages: (list changed at 27:10)
- Enhanced 911 (E 911) includes information from databases Master Street Address Guide (MSAG) and Automatic Location Identification databases
- GIS/MSAG Funding Policy – funding model based on population by county, used for:
  - MSAG coordination and updates
  - GIS data layer development and maintenance (boundaries, road centerlines, address points, etc)
- Provisioning boundaries map, identifying who is providing data across the state
- Explanation of wireline routing (pre-90's) (how landline services are installed and added to databases, then identified during a 911 call)
- In the 90's, more emergency calls start coming from wireless (E911)
  - Phase 1: Linking originating cell site location to PSAP
  - Phase 2: Location of caller required using device GPS or network-based location technology
  - GIS is not mentioned in E911 calls – it is more used in the response
- Next Generation 911 (NG9-1-1)
  - Internet Protocol based
  - Supports variety of modern call types (voice, data, and multimedia information)
- Location Validation Function (LVF)
- Emergency Call Routing Function (ECRF)
  - Uses the service boundaries: PSAP boundaries, and Fire, EMS, and Police call transfer boundaries to transfer calls
  - 911 call placed in an NG911 system it contains location information as Presence Information Data Format-Location Object (PIDF-LO), passed on during call transfer
- National Emergency Number Association (NENA) GIS Data Model
  - National GIS standard
- Legacy vs NENA Address fields – standardizing address attributes
- NG911 Readiness Roadmap (available on the NG 911 Info Hub linked above)
- Changes to data sharing agreements will allow OEM to share data more readily with partners, and working to eventually have the data available within GeoHub

Address Points/Address Standards (Tom Elder, GEO)

- Address and Buildings Framework Implementation Team
  - Team is just getting (re)started
  - FIT has been a focus due to address data sharing agreements and limitations going away
  - Discussion of state data standards related to address points and building footprints
- Fit page - https://geohub.oregon.gov/pages/024b0880ea744c4cbdbfd37dc24046d8
- Goals for standards and datasets
  - Complete statewide coverage
  - Public availability
  - Multi-purpose, flexible design (many produces in many formats for many users, example: OregonAddress Geocoder)
  - Sustainable upkeep
  - Authoritative and accurate
  - Reliable and convenient service
- National Address Database Standard\
- Ownership is out of scope – personable identifiable information is not included (just address)
  - Business names aren't exactly PII, but also out of scope for this project
- Parcels can have multiple buildings; buildings can have multiple address points; address points can have multiple locations (driveway, points of entrance, etc). Need to figure out how to handle this.

Roundtable / Roll Call

- City of Portland – Paul Cone

  - Portland is working on NG9-1-1, ESRI ELA negotiations, and ArcGIS Enterprise upgrade to 11.1. Likely not going to ESRI UC this year because of budget cuts.

  - Working with PWB on improving data sharing for fire response Bull Run. Want to connect with ODF GIS.

- DLCD – Sarah Marvin

  - Applied for the Framework grants for UGB and Zoning datasets

  - Legislature passed housing bill to expand our GIS capabilities pretty dramatically, so watch this space!

- DSL – Randy Sounhein

  - Working to migrate Enterprise to Azure

- ODA – Diana Walker

  - In the starting phase of implementation of our GIS Strategic plan.

- DEQ – Malavika Bishop/Don Pettit

  - Started to upgrade ArcGIS Server to version 11.2. Starting with the development server and moving on to the production environment

- ODF – Arthur Rodriguez

  - Worked with Esri support in the past month to upgrade our GeoEvent server from 10.8 to 11.1. This completed the ODF Enterprise Installation/Upgrade so are now on 11.1 for ArcGIS Server, Portal, and Image Server (all upgraded in summer of 2023) and now also have a federated GeoEvent Server at the same version.

- OEM- Daniel Stoelb

  - Finalized the 2024 winter storms story map (as we're going for a federal disaster declaration). You can view that information here: https://storymaps.arcgis.com/stories/23c42f59a12b46138272bfe6cc3ebfa0.

  - Recently held our EMGIG and PrepFIT meeting. We're doing a GIS After Action Report for this year. Responses are due by close of business this Friday. Some of you may have seen my presentation to the legislature on the crisis management software replacement project that would allow us to further integrate with GIS tools. You can view the presentation here: https://olis.oregonlegislature.gov/liz/2024R1/Committees/SVEMFW/2024-02-27-08-00/Agenda. The director and I are on at around the 27 minute mark.

  - Have identified issues with the portfolio app and displaying PDFs. This is a known bug in that only the first page is displayed on iOS devices. It is in the product plan to get addressed soon. Also talked with their product managers on the solution and they are looking at increasing the 20 section limit.

- OPRD -Brady Callahan

  - Completed two rounds of internal ArcGIS Pro training for our subject matter experts and have one more next month before fully moving over to Pro by June.

  - Agency is continuing to migrate staff onto Apple mobile devices, so far ESRI apps seem generally fine. However, we're having an issue with external GNSS devices, both our survey grade Trimble devices and some cabled resource grade units.

  - Working with our new camping reservation system vendor to utilize our existing GIS infrastructure data as opposed to the cartoon maps that have been used in the past. This is providing the opportunity for some interesting internal conversations about data and its maintenance.

- OSMB – Joe Severson

  - Working through survey data to generate boater use data for waterways. Displaying it on dashboards/experience builder.

  - Building a resource in experience builder for our Marine Patrol who use a few survey123 surveys.