

Meeting Minutes - GIS PROGRAM LEADERS (GPL) COMMITTEE, March 8, 2022

State of Oregon

Joint GIS PROGRAM LEADERS (GPL) COMMITTEE and TECHNICAL ADVISORY COMMITTEE

Date: March 8, 2022

Time: 1:30-3:30pm

Microsoft Teams meeting

**Roll call:**

**Scribe:** Arthur Rodriguez, Dept. of Forestry

**Attendees:**

DAS – GEO / CDO: Rachel Smith, Eric Brewster, Andy Fox (contractor), Willow Crum, Tom Elder

ODA: Diana Walker

DEQ: Malavika Bishop, Don Pettit

OEM: Alex Petzold, Daniel Stoelb

Esri: Chris Marsh, Lacey Summers, Terri Morganson

ODFW: Jon Bowers

OSFM: Melanie Wadsworth

ODF: Arthur Rodriguez

DOGAMI: Ed Buchner

DHS / OHA: Eric Main

INR: Myrica McCune

DLCD: Tanya Haddad, Randy Dana

OSMB: Joe Severson

DOR: Tom York, Phil McClellan

DSL: Randall Sounhein

ODOT: Phil Smith

OWRD: Bob Harmon

Portland Metro: Joe Gordan

Multnomah County: Nathan McCallidge

City of Tigard: Preston

City of Portland: Paul Cone

Confederated Tribe of the Umatilla Indian Reservation: Stacey Shumaker

Tualatin Valley Water District: Pete Boone

ODHS, Emergency Management Unit: Arron Heriford

**Announcements:**

None

## **GEO/CDO/FIT Update**

### **GEO -**

Erik Brewster was hired as the Data Team and GIS Operations Coordinator. Has worked in GIS for ~20 years, all in the private sector. Worked with a lot with gov't agencies as a consultant but is excited for his first role working for the State.

Enterprise Agreement with Esri: Invoices sent to agencies who are participating. This is late due to staff transitions and the need to update DAS/Agency agreements. The invoices represent GIS license and AGOL use reported last summer. Any questions please reach out to Rachel Smith.

### **CDO –**

Kathryn Helms (Chief Data Officer) and Rachel worked on an environmental justice bill (HB 4077). This includes some equity mapping for environmental justice. Among many other aspects of this is that it resulted in a position coming to DAS GEO, reestablishing a Framework Coordinator position. Targeting an August recruitment.

### **FIT Report –**

Rachel is meeting monthly with the FIT leads to discuss the status of all the FITs.

Two new FIT leads (Sephe Fox, Utilities FIT; Robert Hariston-Porter, Elevation FIT) will be onboarded soon; Review of FIT lead responsibilities.

Tsunami and Statewide Land Use data standards were submitted to relevant FIT Leads and FIT theme members for final review and comment; will next be sent to OGIC for final endorsement. Framework web pages are out of date, and Rachel and Willow are working to update them.

## **Background for Agenda Items**

**Presentation by Rachel:** Overview of Oregon's Framework Program, the Data Sharing Legislation ORS 276A 500-515, and 2 key pieces required for implementing the ORS. (Framework Data Element Management Guidance Document and Data Inventory)

- Oregon's Framework Program: creating authoritative spatial data for the state of Oregon that is available and accessible when needed
  - o Requires collaboration and partnerships between many entities
  - o Organized by themes (some are Nationally recognized, some are Oregon-specific)
    - Nationally recognized themes may include national efforts and standards
  - o Trusted data minimum requirements
    - Must have multiple business use cases
    - Must benefit many stakeholders

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- Built from many sources: a variety of public bodies (which is now officially defined)
  - Includes data from entities that are not under OGIC's jurisdiction (examples: Tribes, Federal Agencies)
- Framework Program Governance Structure
  - Geospatial data organized into 17 Framework Themes
  - GIS users and subject matter experts coalesce into groups to form a Framework Implementation Team (FIT)
  - Each FIT has a Chair called a FIT Lead
  - Each FIT is a standing committee of OGIC (see OGIC Charter)
- OGIC's Framework related duties
  - Oversight of Framework Program
  - Funding for data development
  - Data sharing support and advocacy
- Geospatial Data Legislation
  - Codifies key definitions: Geospatial framework data, Custodian, Public body
  - Mandates for Geographic Information Officer (GIO)
    - Maintain geospatial data library
    - Protect availability, integrity, and confidentiality of the geospatial data library
    - Secure means for public bodies to share geospatial Framework data (GeoHub Portal)
  - Mandates for OGIC: Adopt rules, policies and standards that identify geospatial Framework data. Examples:
    - Data must be shared by public bodies
    - How frequently data must be shared
    - Adopt data standards for shared data
- Implementing the statute
  - Framework Data Element List Management
    - Document that provides guidance to help managed framework data elements (currently 261 different data elements)
    - Developed in 2017/Updated in 2018
    - List will be reviewed with recommended changes coming from FIT leads
    - Will identify a subset of datasets that must be shared by Public Bodies. OGIC has the authority to identify these datasets that are then required to be shared.
    - Project goal is to have the updated Data Element List adopted by OGIC by Jan 2023.
    - Once OGIC adopts an official list of data elements, formal governance of the list becomes imperative
    - As we build GEOHub Portal, additional governance documents will be needed and required for the management of data within the Portal
- Framework Program Data Inventory and Dashboard: Improve management of geospatial Framework data
  - Pertinent metadata information for each Framework data element
  - Identify Framework data elements for public body sharing vs. those not adopted by OGIC
  - Guide future data development funding
  - Better transparency for Oregon's Framework Program
  - Easier access to data contacts, standards, and stewardship plans

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- Questions:
  - Randy Sounhein (DSL): How is this related to the Spatial Data Library? Will the GEOHub Portal replace the Library? Or maintaining both?
    - Rachel: This is being discussed. Options include we keep SDL as it is, and it is the public-facing view, with GEOHub being internal. Another option is that SDL goes away (probably won't go this route). GEOHub is meant to be secure sharing between public bodies.
    - Daniel (OEM): How would you ensure that data is synched between multiple platforms and how will a user have to operate with two potential sources for data?
      - Rachel: These are good questions, that need to be addressed. This is all in development. Agree on the importance of streamlining publishing and data sharing effort for data providers and users.
  - Tom York (DOR): Is this an opportunity for GEOHub to serve as a user authentication centralized source for secure data? Can we set it up to have a single login/account and then once inside you have access to various systems and data streams from various agencies?
    - Rachel: I agree this would be great. Hoping we can work this out, but no details are available yet.
    - Randy: One idea is to follow the AGOL model and allow for users to add data and content elements to the GEOHub, even if hosted in internal state systems.
      - Rachel: Yes, lots of work on this and resources and hopeful that these will all be pieces of the GEOHub Portal.
  - Arthur (ODF): Data sharing agreements related to using secured data from GEOHub?
    - Rachel: This is being discussed. The goal is to have one over-arching data-sharing agreement among all participants within GEOHub Portal, that outlines user roles and responsibilities. The policy aspects of this are going to be discussed in the near future.

## **Framework Data Element Management Guidelines**

### **Framework Data Element Management Guidelines – review of current document**

- Will be reviewed and approved by OGIC
- Gave a brief overview/update for various elements of the document:
  - Definitions section – Updated
    - Discussion around the term “Public Body” and what is included
  - Data Sharing by Public Bodies - New section
  - Updating the “Framework Data Element List” process – Updated
  - Minimum Requirements to Add a Data Element – Called out as its own section
  - Framework Data Element List Revision Considerations – New section
  - Moving a Data Element to a Different Framework Theme – New section

## **Data Inventory Scoping**

### **Framework Program Data Inventory Dashboard Spreadsheet**

- Document was sent out to GPL and TAC, this provided a background and overview
- What would people like to see on a Framework data element Dashboard?
  - o Framework Theme – dropdown domain
    - Discussion around Addresses and if it should be in its own Theme, or included in another Theme
  - o Authoritative Element and Best Available? Should these fields be included?
    - Tanya: I would not include them unless they serve an additional purpose
  - o Went through additional fields and provided overviews
  - o Rachel requested GPL members send comments and suggestions to her regarding the data inventory template.

## **ORMAP Modernization and State Agencies**

Presented by Tom York, DOR

### Cadastral Data Exchange Standard

- Document that covers how counties send data to DOR (this is commonly referred to as Taxlots, but includes a lot more)
- Was approved by OGIC in 2012
- As the state moves to an Enterprise and data sharing via GEOHub, the standard will need to be updated. Refers to data transferred as shapefiles and dbfs.
- As the document is updated related to data sharing, it should be investigated what the counties are submitting and what is being used by state agencies.
- Requirements for ORMAP website (<https://ormap.net/>)
- How best can DOR solicit what data use cases there are for cadastral data, and identify areas where standards need to be updated?
  - o Identify fields that are not being used
  - o Identify crucial fields that need to be maintained/approved
- How was this originally identified? How can we improve it?
  - o Original tables were developed in 2006. Used a DAS mediator to work with counties and state agencies to mediate what fields would be required.
  - o Resulted in an “Exchange Standard” instead of a “Data Standard” because counties varied so much in what was being collected/managed.
- DOR does not use many of the fields now required in the Exchange Standard. Need other state agency feedback.
- Tanya: This conversation would normally be within a FIT.
  - o Tom: But would that include all agencies?
  - o Rachel: Agree, this would at least start in a FIT and then branch out to get additional state agency input as needed.

## **OEM / Prep FIT Update**

### **Prep FIT:**

Reviewing datasets to revise the digital version of the emergency preparedness data catalog  
Creating the situation narrative for conducting a GIS narrative for the FIT group, discussion-based exercise with the group focused on sharing data during an evolving emergency situation.

### **OEM:**

Will officially change name to Oregon Department of Emergency Management as of July 1.

Working on finalizing a future move to a property on Fairview Industrial Dr that is currently housing ODOT. Could be some downtime on applications and services during a move of this size. Tentatively planning on moving during July/August but this could be pushed back due to fire season.

Presenting results of crisis management software needs analysis to leadership. More details to come.

Have updated the Evacuation Layer to now include all hazards (used to be just working on Fire Evacuations). Survey123 utility has been released so that partners can upload zipped shapefiles or JSON files to provide evacuation boundaries, and then incorporate them into the master evacuation layer.

## **Round Table**

### **FIT Leads**

**Address points:** Going to reset and start over, need to determine availability from local governments and identify sharing restrictions. The ultimate goal is to share with the national address database.

**Hydrography:** Planning Spring meeting, and overdue for a statewide meeting.

**Coastal and Marine:** Recently completed Shoreline Access Location data standard. Working on an active data development grant related to remote sensing of eelgrass and kelp along the coast.

**Cadastral:** No additional updates. Will be working on updating the Cadastral Exchange Standard. Meeting scheduled in May as part of the ORMAP technical group meeting.

No other FIT leads present.

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### **GPL Members**

- DAS-GEO: Secretary of State is looking for a job rotation to help with GIS support. Email sent to FIT leads and GPL.
- ODA: Nothing to report.
- OEM: ISS3 position is open and being advertised for our state 911 program. Details were sent to the GIS info list and GPL.
- Esri: No report
- ODFW: Continuing with the Framework Fish Habitat Distribution Data Development Project. Working to synchronize fish habitat distribution data with the current National Hydrography Dataset. Discovered some areas where reach codes were not maintained which presents substantial challenges for maintaining data in association with the NHD.
- OSFM: Continuing to refine requirements for inspection tools and transition over into fire season priorities in the next month or so. Following along with the risk mapping meetings, which could be finished at the end of June (OSU working on this).
- ODF: Private Forests Accord, potential lidar
- DOGAMI: No update
- INR: At the end of the month will be launching the mapping tool for renewable energy siting.
- OSMB: No update
- DOR: Waiting on one last county to compile this year's taxlots.
- ODOT: No update
- OWRD: There is a vacancy in the GIS Group for a Developer who was recently promoted. Hopefully will be advertising soon.
- DEQ: No update

### **TAC**

- Paul: Working on an update app. There is a new manager for Metro Corporate GIS, Diego Orteo.
- Stacey: No updates