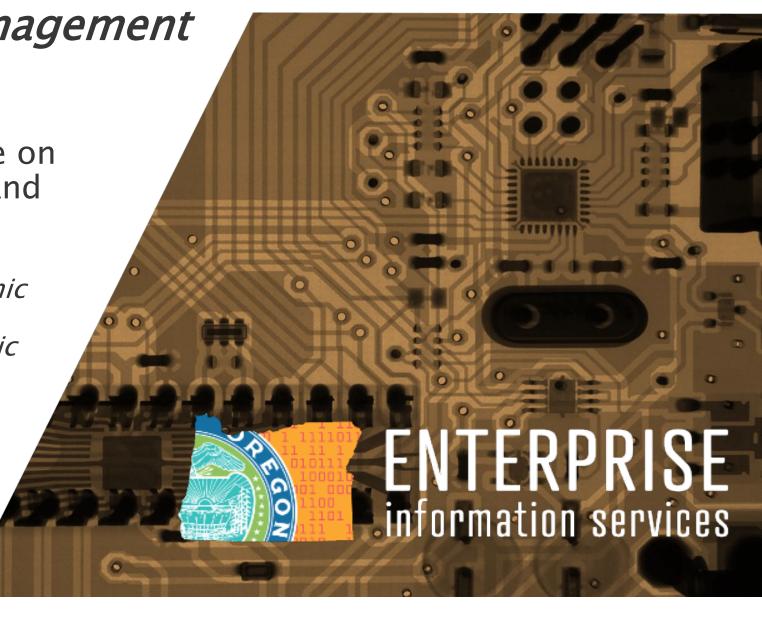
Geospatial Data Management & Sharing (GDMS)

Joint Legislative Committee on Information Management and Technology

Tom Rohlfing, Oregon Geographic Information Council Chair Rachel L. Smith, State Geographic Information Officer

June 3, 2022



Agenda

- Oregon Geographic Information Council (OGIC) Introduction
- OGIC Statute Highlights
- OGIC Fund Report
- Oregon's Framework Program
- OGIC Recommendations
- OGIC Accomplishments
- Geospatial Data Management and Sharing Project Update



Oregon Geographic Information Council (OGIC) Intro

Strategic Vision: ...authoritative, reliable geospatial data is available and accessible when and where needed by Oregonians.

GOALS

OUTCOMES

Goal 1: Improve Data Sharing & Accessibility —— Support informed decision-making

Goal 2: Increase Data Stewardship —— Improve management of data assets

Goal 3: Expand Collaborative Governance Engage stakeholders in data management

Goal 4: Strengthen Communications Strengthen understanding & use of geospatial data

Goal 5: Support Sustainable Funding Support appropriate funding for data management activities at all levels

Highlights of ORS 276A.500-515 (OGIC Statute)

- Established OGIC within the office of Enterprise Information Services
- Requires public bodies to share certain geospatial Framework data (with conditions and limitations)
- Established the Geographic Information Officer (GIO) within Enterprise Information Services
- Requires GIO to provide secure means to share geospatial data
- Established an OGIC fund





Report on OGIC Fund

- Funded with \$500K a biennium as a line item in the DAS budget.
- Funds are used for the Framework Data Development Grant Program.
- Projects are selected via request for proposal and technical review process and approved by OGIC.
- Recently selected projects include:
 - Updated demographic data and data standards to support social and equityoriented decision making.
 - Pilot project to enrich critical building footprint data with additional attributes to improve the relationship between the structure, address, and tax lot; will determine a stewardship plan outlining a plan to keep these data up-to-date.



Report on OGIC Fund

Biennium	# of Framework Grants Awarded	Recipients	Beginning Balance	Ending Balance
2017-19	9	Dept. of Geology & Mineral Industries, Dept. of Land Conservation & Development, Dept. of Human Services/Oregon Health Authority, Lane Council of Governments, Portland State University, Oregon State University Institute for Natural Resources, Dept. of Fish & Wildlife, Enterprise Information Services Geospatial Enterprise Office	\$500,070.00	\$36,046.66
2019-21	7	Dept. of Geology & Mineral Industries, Dept. of Land Conservation & Development, Portland State University, Oregon State University Institute for Natural Resources	\$36,046.66	\$107,696.47
2021-23	6	Portland State University, Oregon State University Institute for Natural Resources, Lane Council of Governments, Dept. of Fish & Wildlife, Parks & Recreation Dept., Enterprise Information Services Geospatial Enterprise Office	\$107,696.47	



What is Oregon's Framework Program?

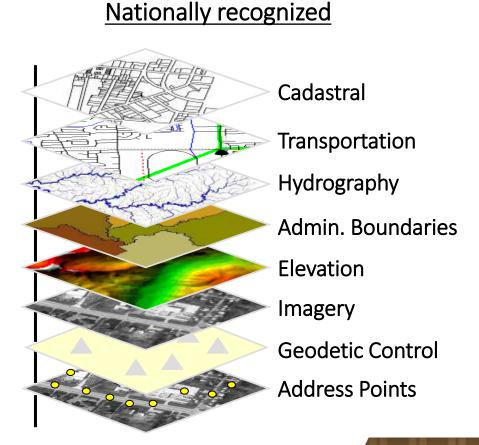
- A collaborative network of GIS practitioners across the state
- Focused on the development and maintenance of foundational, widely-used, and authoritative geospatial data
- Develops data standards, stewardship, and governance processes





Summary of Oregon's Framework Program

Geospatial data are organized into 17 topics areas - Framework Themes

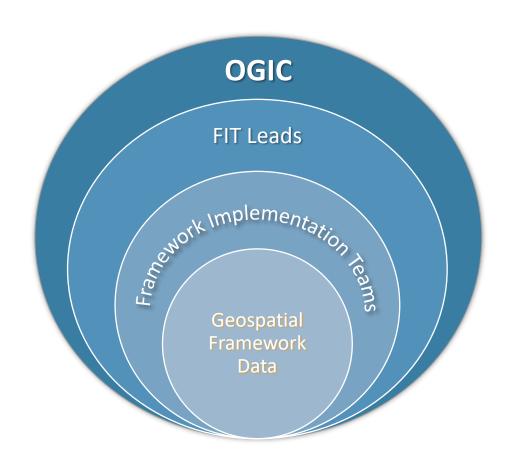


Oregon-specific Land Use/Cover **Bioscience** Climate **Utilities** Preparedness Geoscience Hazards Coastal/Marine



OGIC's Framework-Related Duties

- Oversight of Framework Program
 - Development of Data Standards
 - Support of Data Stewardship
 - Management of Framework Data
- Funding for Data Development
 - Framework Grant Program
 - Data Prioritization
- Data Sharing Support and Advocacy
 - Identify Framework Data for Sharing
 - Assist in Removing Barriers to Data Sharing





OGIC Recommendations: Data Sharing

- Secure Portal for Data Sharing Among Public Bodies (GDMS Project)
- Continued Support and Resources for Oregon's Framework Program
- Engage Local Gov't to Create Statewide Data Layers / Support Data Sharing

**OGIC is currently updating its 4-Yr Strategic Plan. Additional recommendations and strategies will be created by the end of this calendar year.



OGIC Accomplishments

- Six New or Updated Data Standards since 2020
- Framework Data Development Grant Program projects advance priority data development for public sharing:
 - 2019-21: tsunami, earthquake, building footprints, 2020 statewide aerial imagery, fish habitat distribution, habitat mapping
 - 2021-23: taxing districts, wildfire data & coordination, demographic data for equity initiatives, 2022 statewide aerial imagery, building footprints, habitat mapping
- OGIC Members Engaging Local Governments to Determine Barriers to Data Sharing
- GDMS Project Initiation 2021-23



GDMS Project Update - Scope

GEOHub Portal

1. Create Container for Secure Sharing

Data Development & Project Validation

2. Create Data to go in Container

Data Sharing Governance and Data Management

3. Manage Data in Container



GDMS Project Update – Key Stakeholders

- Workforce Development
- Elections Administration
- Road Centerlines
- Wildfire

Focus Groups Project Mgmt.
Oversight

- Executive Governance Board
- Portfolio Management Council
- Project Manager
- iQMS Consultant

GDMS

Policy Oversight

- OGIC
- OGIC Policy Advisory Committee (PAC)

 Public Bodies as defined in ORS 174.109 (local, regional, state government, special districts, universities)

External Stakeholders

Technical Assistance

- OGIC Technical Advisory Committee (TAC)
- OGIC FIT Leads
- GIS Program Leaders (GPL)
- Consultant



GDMS Project Update - Initial High-Level Schedule

Q3 2021		Q4 2021			2021 Q1 2022			Q2 2022			Q3 2022			Q4 2022			Q1 2023			Q2 2023			
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GDMS Project Update - Revised High-Level Schedule

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GDMS Project Update - Project Milestones

Description	Due Date
Secure Data Sharing Portal	
GEOHub Portal Vendor Kickoff	6/10/2022
GEOHub Portal Physical Design	7/30/2022
Portal Governance Document	12/31/2022
Portal In Production	3/31/2023
Data Development	
Data Development Preparation	7/30/2022
New Data Published in GEOHub Portal	6/30/2023
Data Sharing Governance & Management	
Data Inventory & Management Tool Scoping and Selection	6/30/2022
Data Change Management Policies	12/31/2022
Data Inventory & Management Tool In Production	3/31/2023
GDMS Project Close Out	7/31/2023



GDMS Project Update - Budget

Budget Category	Project Budget	Project Budget thru March 2022	Project Expenditures thru March 2022	Variance to Date
Personal Services	\$376,890	\$124,786	\$111,281	-11%
Services & Supplies	\$0	\$0	\$0	0%
Professional Services	\$1,105,000	\$352,692	\$95,147	-73%
Capital Outlay	\$350,000	\$75,000	\$0	-100%
Contingency	\$0	\$0	\$0	0%
Total	\$1,831,890	\$552,478	\$206,428	-63%

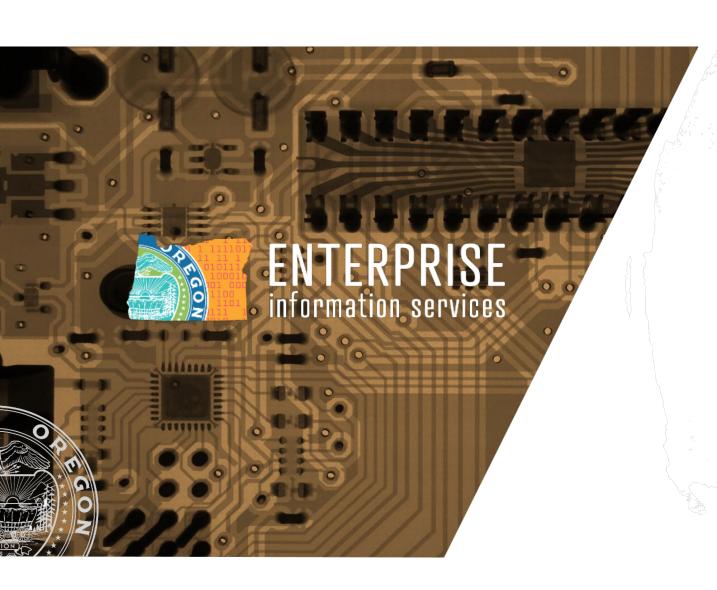
^{*}The GDMS Project is funded from the Enterprise Information Services budget. OGIC Fund is not impacted.



GDMS Project Accomplishments To Date

- Project Planning Complete Stage Gate 1 Endorsement Received
- Project Kick-off to Primary Stakeholders / Participants Complete
- Design of Secure Portal for Data Sharing Complete
- Focus Groups and Technical Advisory Groups Identified and Meeting Regularly
 - Wildfire and Elections Administration Projects Underway
 - Road Centerline Coordination Complete
 - Workforce Development Project Re-Scoping
- Data Governance Activities Underway





Thank you.