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Smart data for smarter decisions

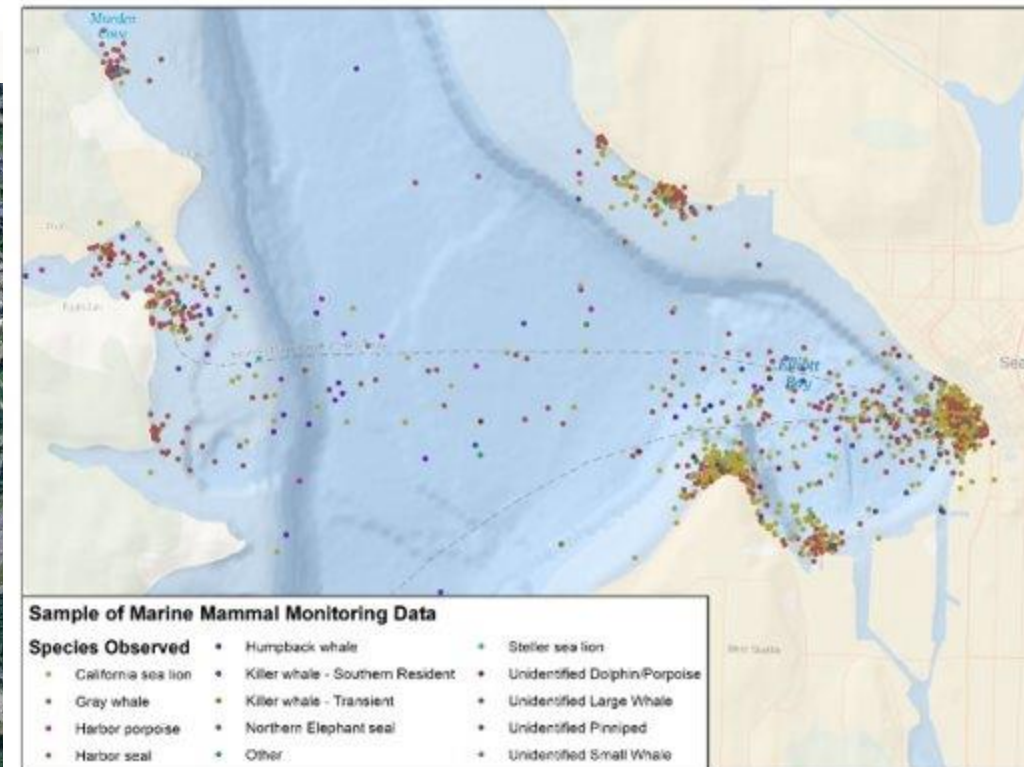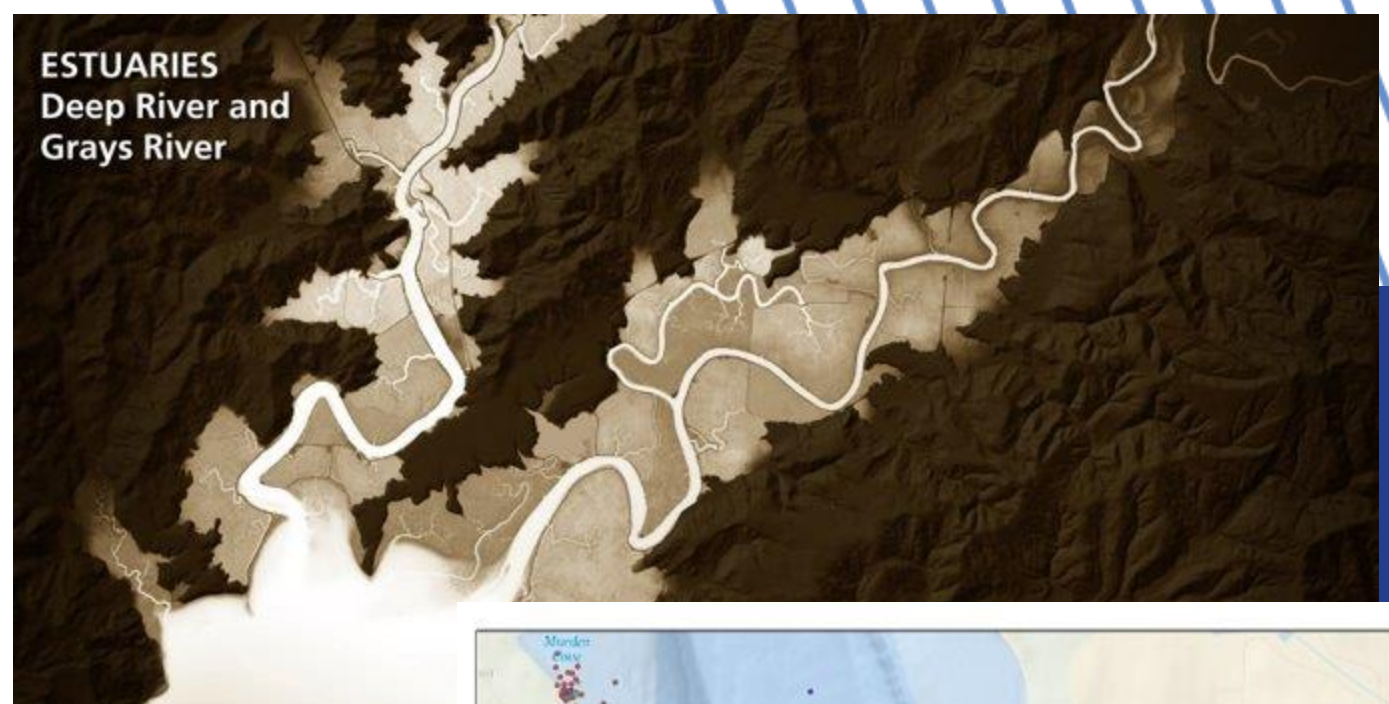Enhancing decision-making through data sharing

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Today's agenda

- **Geographic Information Systems (GIS)**

- **Use cases**

- **Benefits of data sharing**

- **Existing data sharing platforms**

- **Key Takeaways**

What is Geographic Information Systems (GIS)?

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What does GIS look like?

ESTUARIES
Deep River and
Grays River

Sample of Marine Mammal Monitoring Data
Species Observed
- California sea lion
- Gray whale
- Harbor porpose
- Harbor seal
- Humpback whale
- Killer whale – Southern Resident
- Killer whale – Transient
- Northern Elephant seal
- Other
- Steller sea lion
- Unidentified Dolphin/Porpoise
- Unidentified Large Whale
- Unidentified Pinniped
- Unidentified Small Whale

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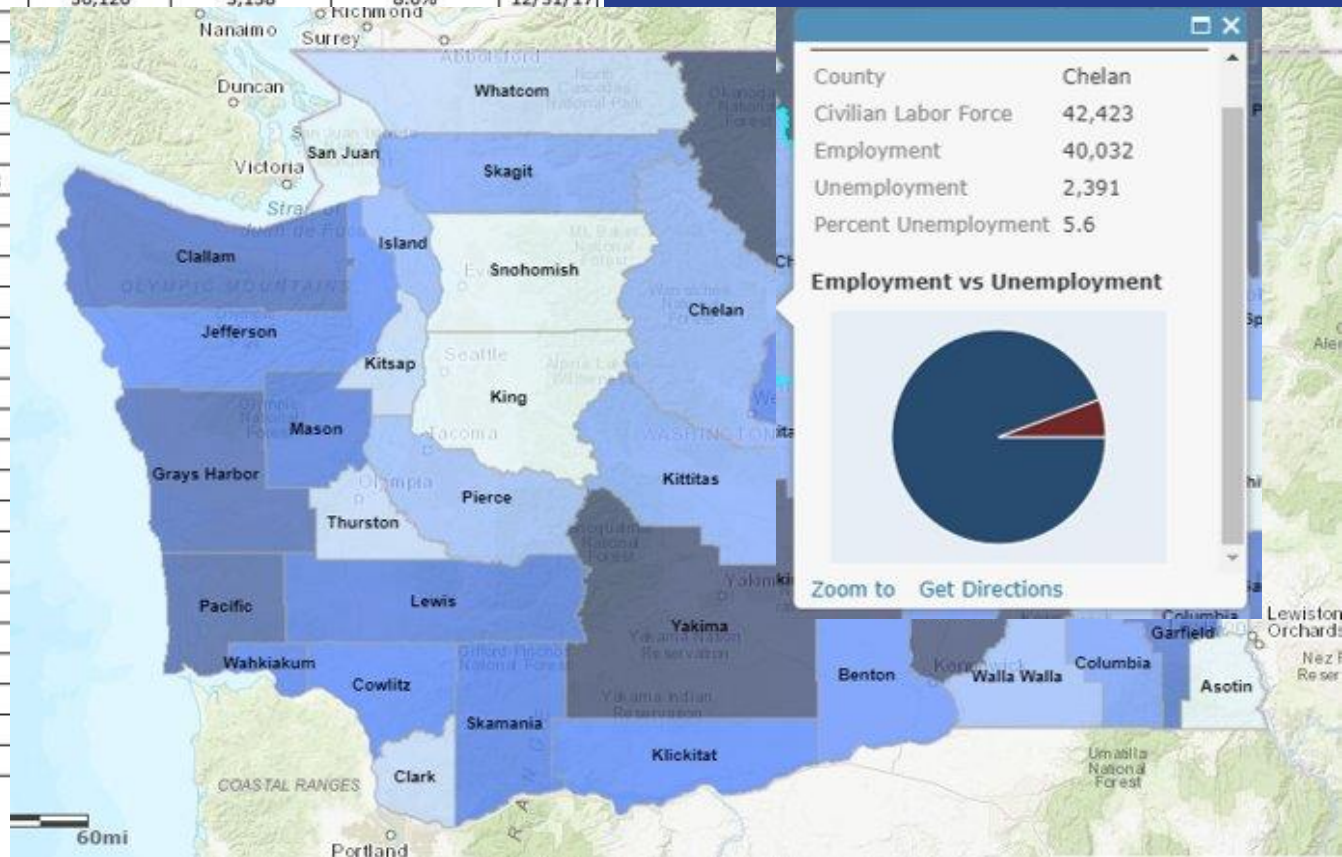
Adding geographic perspective to what we already have

County	Civilian Labor Force	Employment	Unemployment	Unemployment Rate	Date
Adams	8,512	7,849	663	7.8%	12/31/17
Asotin	10,408	9,936	472	4.5%	12/31/17
Benton	96,357	90,454	5,903	6.1%	12/31/17
Chelan	42,423	40,032	2,391	5.6%	12/31/17
Clallam	28,334	26,351	1,983	7.0%	12/31/17
Clark	230,626	219,094	11,532	5.0%	12/31/17
Columbia	1,784	1,679	105	5.9%	12/31/17
Cowlitz	46,206	43,286	2,920	6.3%	12/31/17
Douglas	20,056	18,741	1,315	6.6%	12/31/17
Ferry	2,567	2,204	363	14.1%	12/31/17
Franklin	39,264	36,126	3,138	8.0%	12/31/17
Garfield	958				
Grant	43,110				
Grays Harbor	28,470				
Island	34,821				
Jefferson	12,156				
King	1,233,428				
Kitsap	121,609				
Kittitas	21,886				
Klickitat	9,861				
Lewis	33,799				
Lincoln	4,899				
Mason	24,123				
Okanogan	18,884				
Pacific	8,294				
Pend Oreille	4,834				
Pierce	429,251				
San Juan	7,937				
Skagit	59,715				
Skamania	5,290				
Snohomish	420,592				
Spokane	243,030				
Stevens	18,451				
Thurston	137,080				
Wahkiakum	1,301				
Walla Walla	29,367				

County	Chelan
Civilian Labor Force	42,423
Employment	40,032
Unemployment	2,391
Percent Unemployment	5.6

Employment vs Unemployment

Zoom to   Get Directions

Geography is personal.

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Protecting students and the drivers through better signage.

- **Cross-agency collaboration.** OSPI, WSDOT, WaTech.

- **Allows sharing sensitive data among state agencies.**

- **Updated, authoritative data for decision-making.**

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Hazard Mitigation/ Wildfire Insurance

- Where is damage to existing structures?

- Which structures or areas have insurance coverage?

- Allows sharing sensitive data among state agencies.
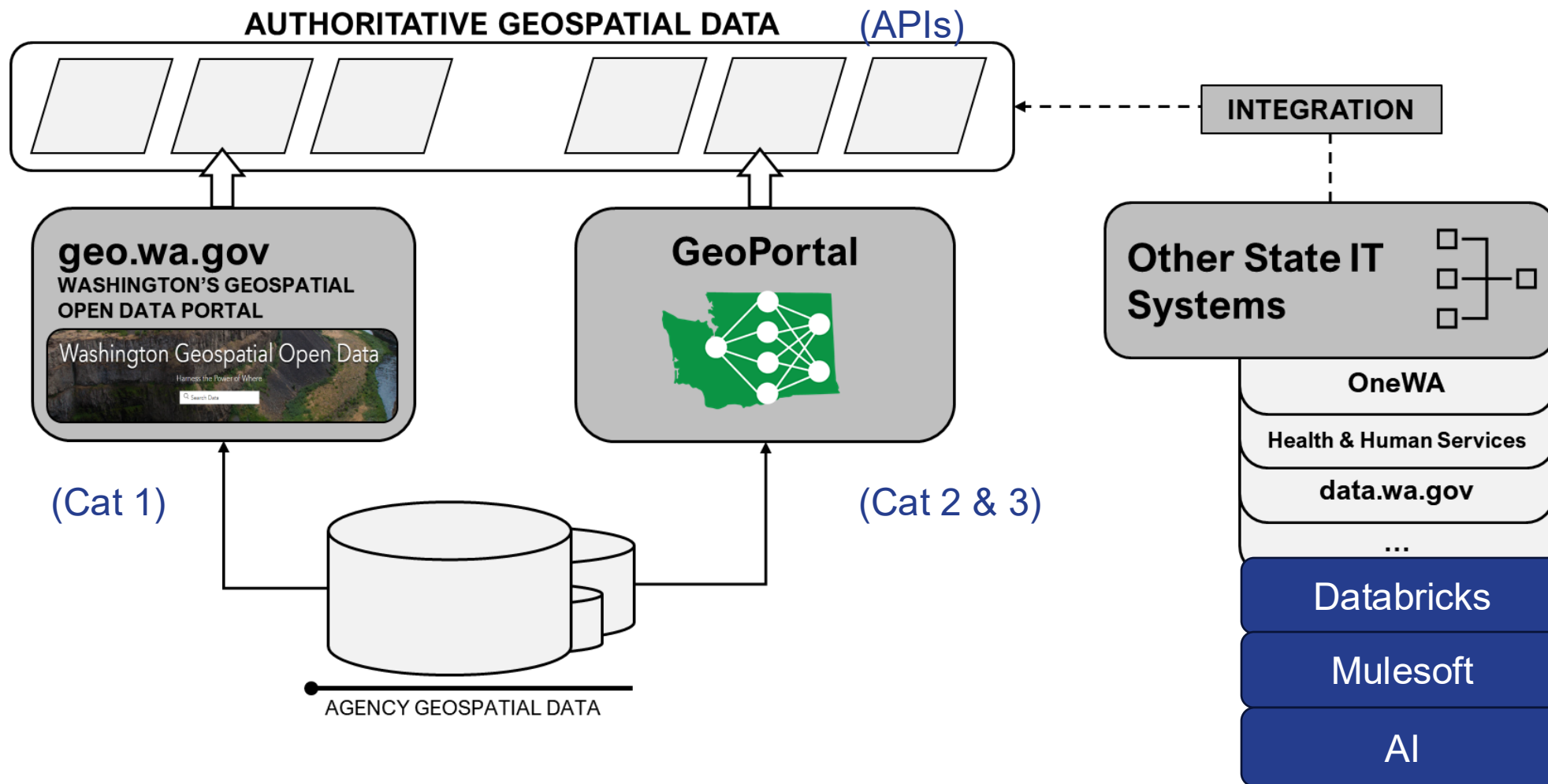
Benefits of Centralized Data Sharing Platforms

- Consistent implementation of data security and privacy standards.

- Improved efficiency, reduced redundancy, and reusability of data.

- Levels the playing field for smaller agencies.

- Shared expertise across the use cases.

- Enable data-driven insights and empower action.

- Better insights to improve service delivery to residents.

- Enhanced ability to solve highly complex, critical challenges statewide.

- Data sharing barriers limit the state's ability to gain big picture insights and coordinate efforts.

- This hampers the state's ability to handle complex issues, like hazard mitigation and wildfire recovery.

Invest in what we already have

- Data-driven initiatives are right up our alley.

- Invest in data sharing/ infrastructure that we already have at the state.

- Process is already used and understood by partner agencies.

- Most important: business outcomes.

Questions?

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Thank You

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