

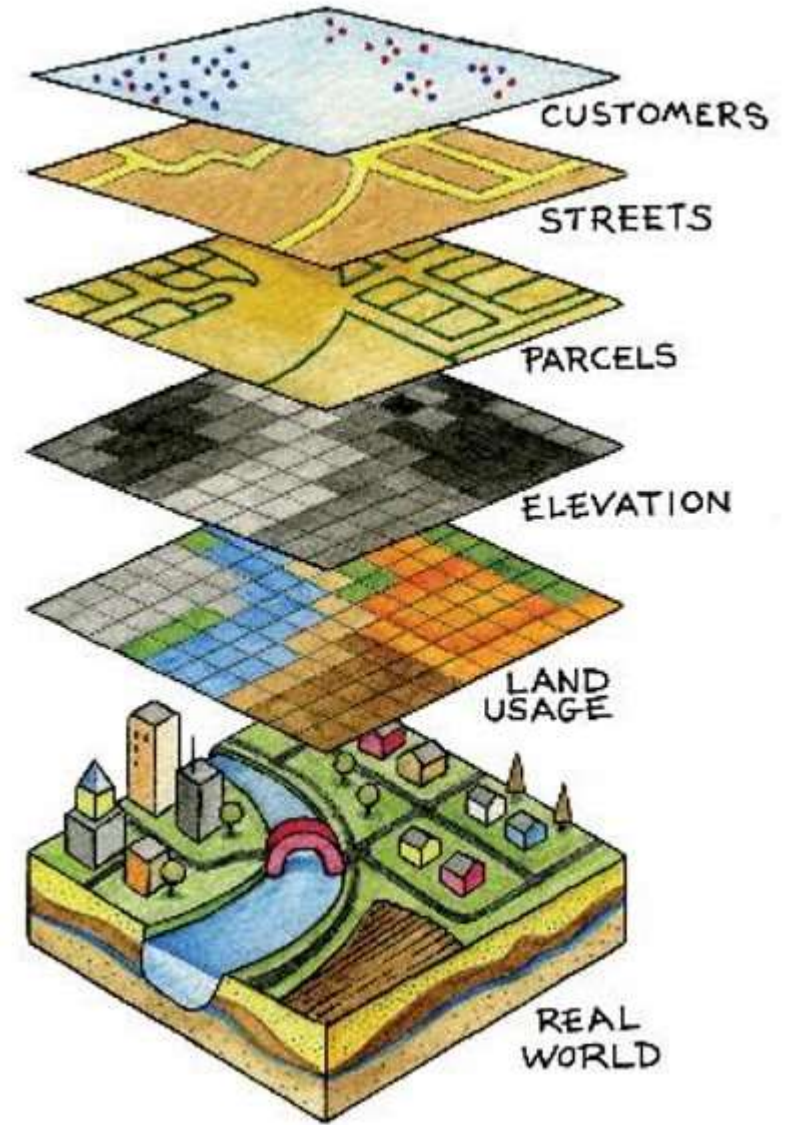
Privacy and GIS



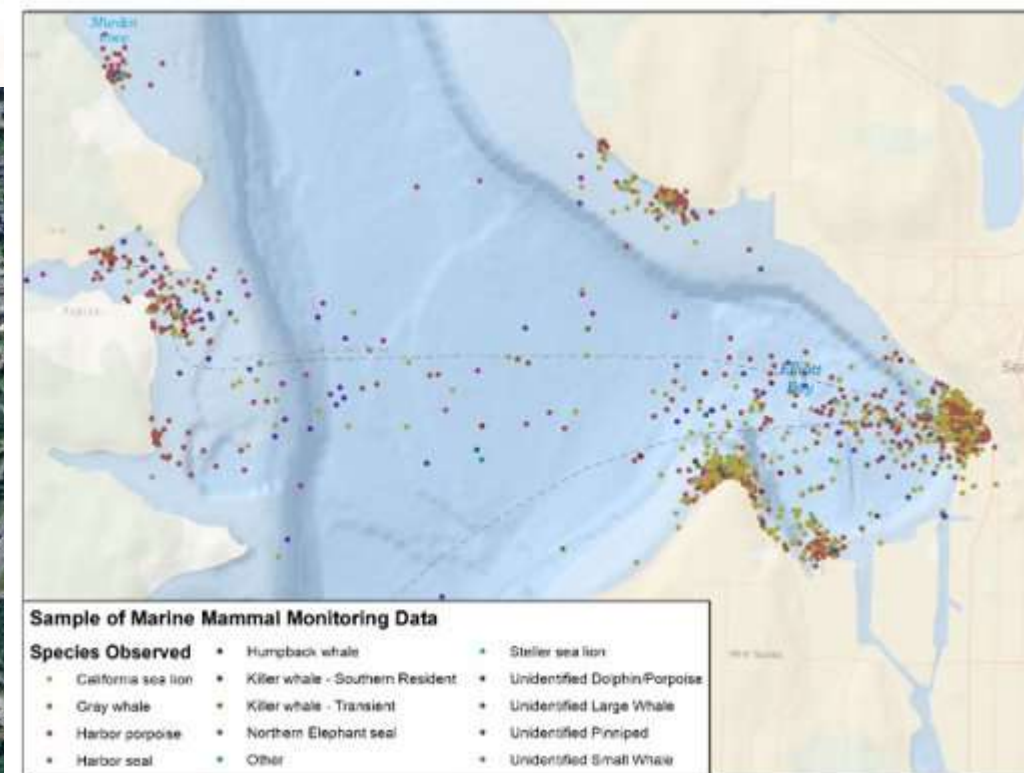
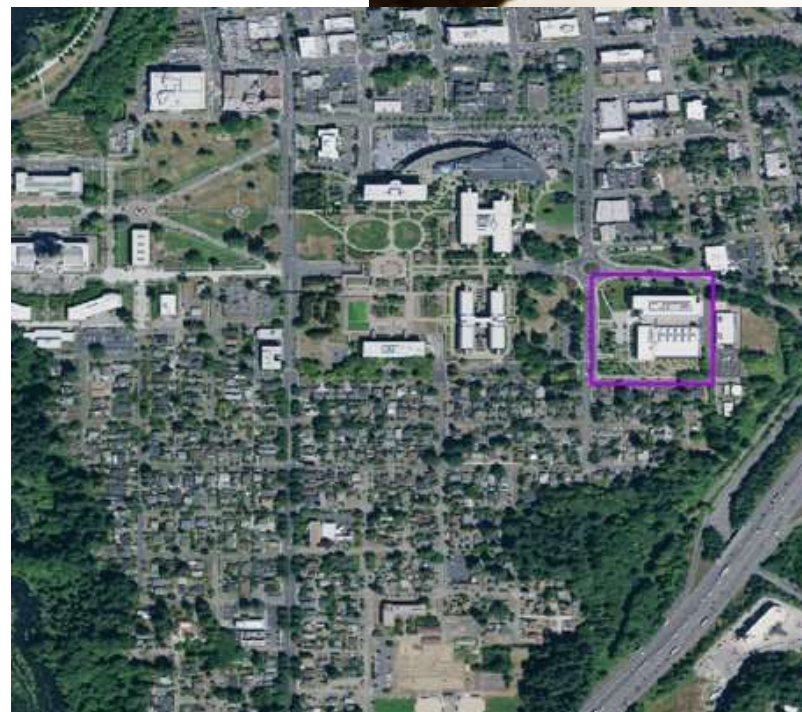
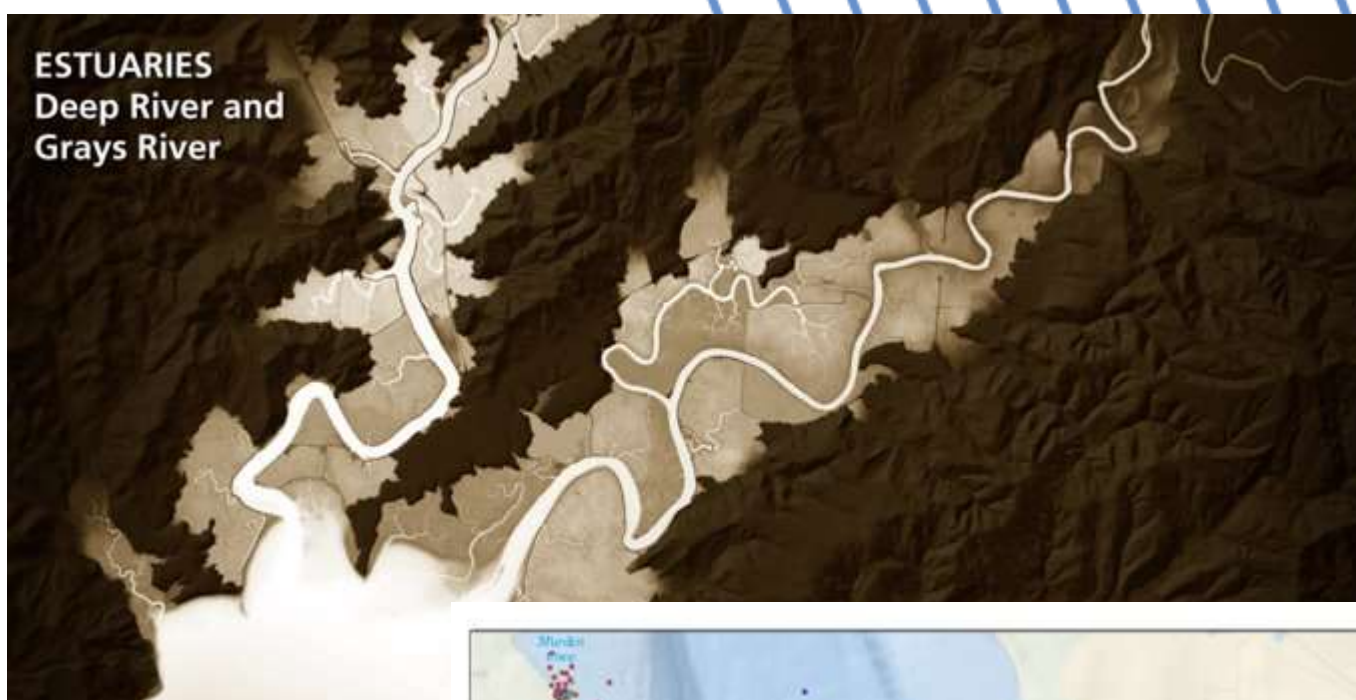
Mission:

The mission for the WaTech Geospatial Program is to ensure that all agencies can use and access geographic information when making business decisions.

What is GIS?

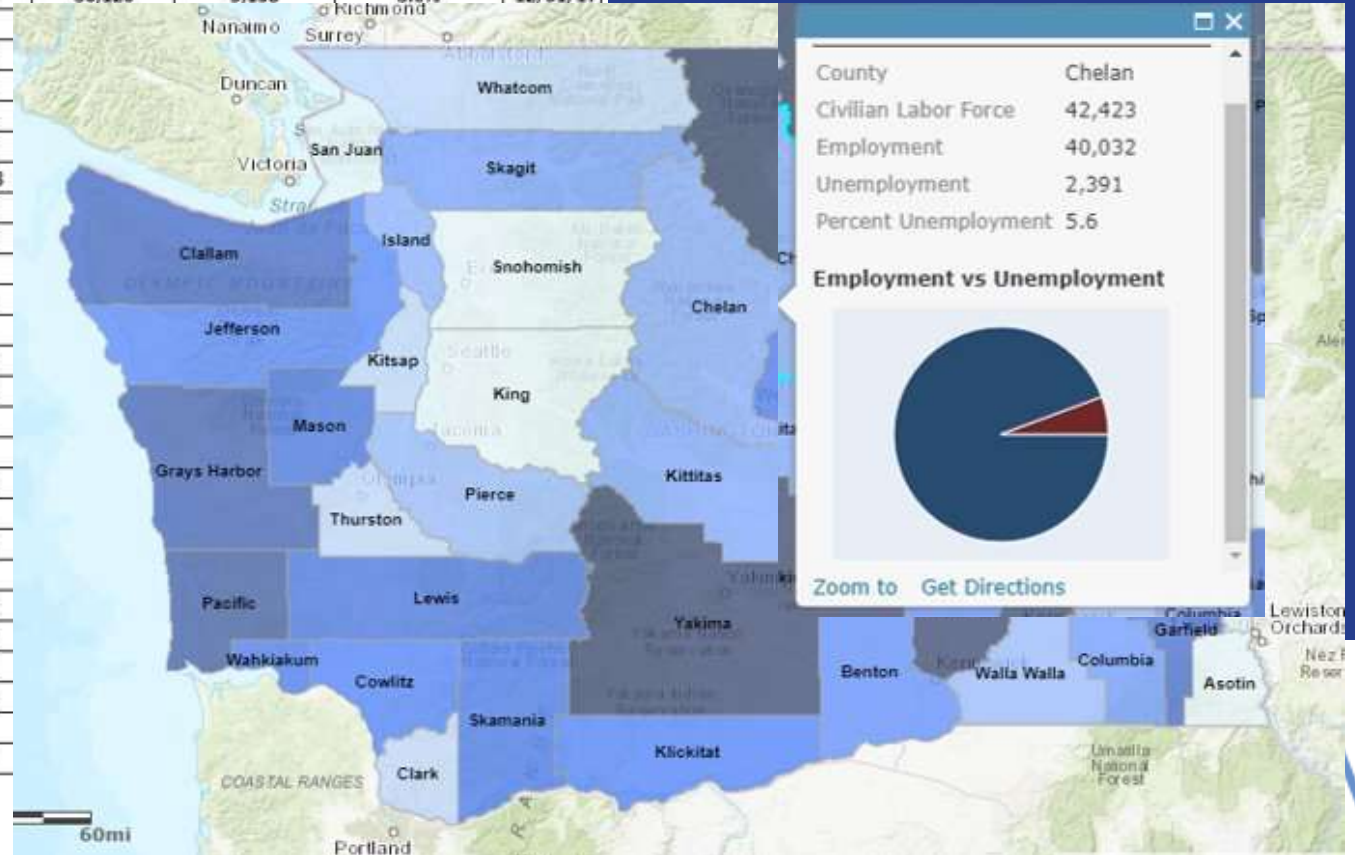


What does GIS look like?



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				



Geography is very personal.



Current Initiatives at the State.

LiDAR.

Updated hydrography.

Sharing sensitive GIS Data.

Land cover data.

Imagery.

Mapping money.

Equity.

OUTCOMES FOR RESIDENTS

WaTech GEOSPATIAL PROGRAM

Centralizing and integrating
with other IT systems to
improve decision making.

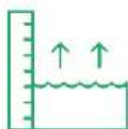
We coordinate with
Local Government
State Government
Federal Government
Tribal Government

GEOPORTAL.COM

Providing one source of
geospatial data.



Better protection for
sensitive plant and
animal habitats.



Climate resiliency of
where sea level rise is
expected.



Enhanced economic
recovery following
natural disasters due to
better location of
insurance coverage.



Improved EV charging
stations placements.

WAMAS

Consistent Addressing
Across state agencies.



Internet connectivity
is supplied to places
that need it, by
evaluating
broadband access.



Residents are able to
be matched with
their legislative
representatives
based on address.



Social services
provided to areas
where they are
needed.

Use Cases for Geoportal 2.0

Commerce/ DOH -EmPower

WSDOT/ DOH - Critical Aquifer Recharge

DFW - PHS

DNR – Natural Heritage

DAHP - Archaeology

OSPI – bus stops

AI and GIS

Seagrass

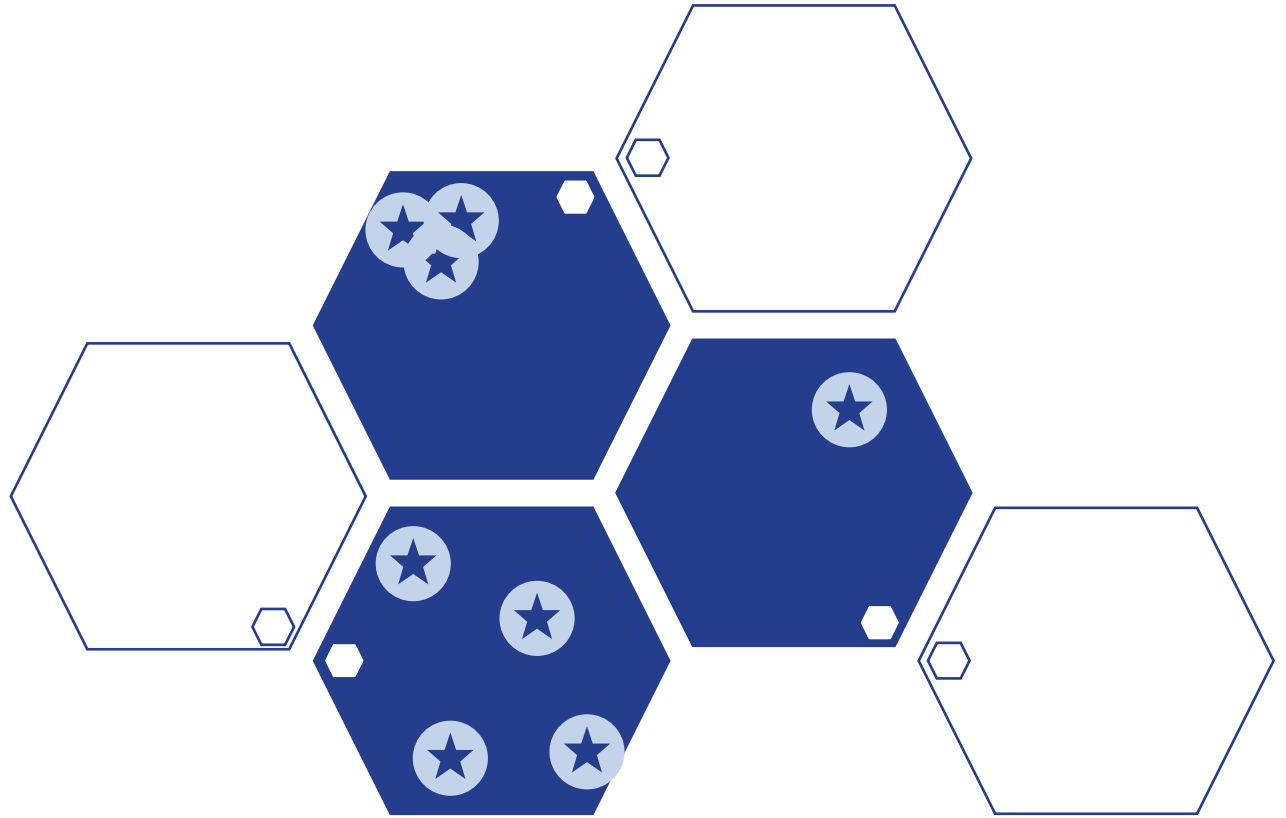
Machine learning – land cover

Wildfires – lightning strike predictions

Imagery – oblique and orthophotos

-find example from Commerce report

Anonymizing data geographically:



**GIS is connected
government.**



Questions & answers.

Joanne.Markert@watech.wa.gov

GIS Day - Wednesday November 15th 9:00-4:00

Fully hybrid.

<https://geo.wa.gov/pages/washington-state-joint-agency-gis-day>