

# Geospatial Portal

Last updated 01-19-23

The WaTech Geospatial Program administers a portfolio of services providing value to state agencies, local governments, tribes, Washington residents, and the federal government. Services include managing the Geospatial Open Data Portal which is a clearinghouse used by state agencies to share public data in a single location ([geo.wa.gov](http://geo.wa.gov)). The Geospatial Portal includes hosting imagery for state agencies and the public as well as a platform for sharing sensitive data among state and local agencies (Geoportal 2.0). Additional information can be found on the [Geospatial Program web page](#).

## Performance Metrics:

- 99.9% uptime for [geo.wa.gov](http://geo.wa.gov) and Geoportal 2.0.
- Geoportal 2.0 is synchronized within 5 minutes.
- Sensitive data sharing platform for state agencies meets uptime and synchronization goals.
- Active interagency participation in the GIS governance committees.

## Intended customers

Primary customers include state agencies, local governments, tribal nations, higher education institutions and the public through [geo.wa.gov](http://geo.wa.gov). Currently, over 30 state agencies share 1,200+ geographic datasets and applications to [geo.wa.gov](http://geo.wa.gov) and GeoPortal 2.0. Any agencies that use geography in decision making can benefit from these services.

## Options available with this service

Geographic information is used in a variety of ways to help our state, from wildfires to salmon recovery, equity to climate change. By having information shared on common platforms, we are able to plan for emergencies and make the best use of large datasets and encouraging efficient and effective government. In addition to common data sharing platforms, WaTech also hosts high resolution imagery data and provide the methods for determine where addresses are located relative to legislative boundaries, watersheds and census boundaries.

## Customer engagement

- The WaTech Geospatial Program conducts monthly meetings with state agency GIS representatives, the Geospatial Portal Steering Committee; quarterly meetings with state agency IT and GIS leadership; and technical workgroups scheduled as needed to address detailed software, workflow or data coordination issues.
- The WaTech Geospatial Program is also actively engaged in statewide stakeholder meetings to strategically grow and mature GIS across the state enterprise and incorporate geography into IT systems and support business needs at partner agencies.

Additionally, geospatial program updates are provided through standard WaTech communication engagements, as needed, including:

- Monthly Technology Management Council (TMC) and Business Management Council (BMC) meetings for agency CIOs and IT leaders to inform and sponsor enterprise strategy, policy and investments.
- Regularly scheduled meetings between customers and Business Relationship Managers (BRM) to connect, advise, address concerns and provide solutions.
- Weekly group calls for state CIOs and CISOs to provide updates on important and immediate issues and actions.

## Helpful information

### Service category

Enterprise Programs

### Service availability

Normal Business Hours

### Related services

- [Enterprise Architecture \(EA\)](#)
- [WaTech Private Cloud](#)

### How to request service

Submit a request for service through our [Customer Portal](#).

### Service owner

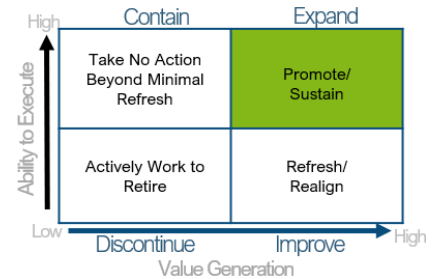
Joanne Markert

- Regular outreach to solicit feedback, provide updates and inform agencies on emerging projects, initiatives, and services.
- Requests for new consultations and modifications to existing applications.

## Action plan

### Current activity

WaTech has launched an initiative to develop the framework for sharing sensitive geospatial data (GeoPortal 2.0) for Natural Hazards Mitigation data. The initial effort will be complete by June 2023, with on-going funding requests to expand offerings to other topics such as Equity and salmon recovery. Regular governance meetings are hosted by WaTech and include attendees from other state agencies to guide decision making for the GIS enterprise. Additional workgroups have been added to address concerns about consistent software upgrades among agencies, best practices regarding time-series data formats and land cover needs at the state, among others.



### One- to two-year goals

- Complete the [Geoportal 2.0 Natural Hazard Mitigation project](#) which will establish the first system for agencies to share category 2 & 3 data efficiently and securely.
- Modernizing the hosting environments for GIS at WaTech to include Azure AD and exploring use of third-party infrastructure.
- Expand the service by piloting an expansion to the platform, Geoportal 3.0, which will include the ability to efficiently share data among state, local and regional partners (for example, local zoning information).
- Provide guidance to agencies to integrate with authoritative geographic information within existing or new systems (for example OneWA).
- Stabilize funding for high-resolution imagery products for state, tribal and local government entities by taking advantage of group purchasing of key products as identified in current legislative study.
- Advance the GIS workforce by developing a GIS-specific job family within the IT job classification that addresses the complexities and impact of the GIS domain.
- Embrace and recognize how geography can connect services to residents and communicate this vision for decision making at the state.

### Three- to five-year goals

- Expand the Geoportal 3.0 into a fully functioning system for efficiently sharing geospatial data among tribal, regional and local geospatial data partners.
- The ability to integrate is well documented and understood by those needing to complete the integration. Support is provided for agencies implementing these adjustments.

	2021 Dec	Jan	2022 Dec	Jan	2023 Dec
Geospatial Portal	Complete Geoportal 2.0 Natural Hazard Mitigation Project				Expand Geoportal 2.0*
					Explore Geoportal 3.0
					Funding to Pilot Geoportal 3.0*
	Participate in Legislative Imagery Study				Stable statewide imagery consortium
	Integrate GIS within IT Systems including GIS Workforce Evaluation and GIS in every app within 5 years				
* Pending Funding					GIS Workforce Evaluation*
					GIS in Every App*

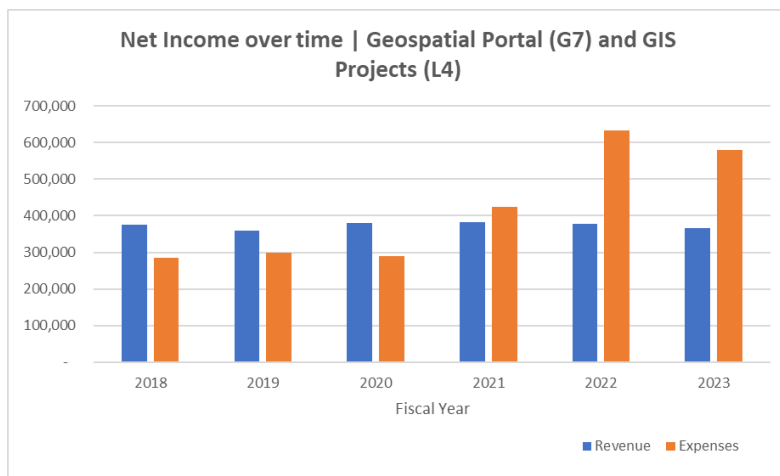
## Service review and fully loaded service budget projection

### Revenue Source

The Geospatial Portal service is bundled and funded using revenue from the Location Based Service central service model. Funding for the GeoPortal 2.0 initiative is coming as provisioned general fund state (GFS) dollars and does not have dedicated “revenue” in a traditional net income perspective. The overage expenses shown in the chart are supported by these GFS dollars.

### Net income over time:

This chart combines the budgets for three areas: Geospatial Portal, Geospatial Initiatives, Washington Geographic Information Council and the Hazard mitigation project (funded for two years). This service area is responsibly managed to maintain budgets, however, the future of using geography in additional systems requires investment to expand and grow the service, capabilities and efficiently use geographic information across the state enterprise. The imagery initiative is a fluctuating expense and dependent on partner agencies at the state, tribal and local levels to maintain.



### Decision packages

- WaTech is submitting a funding request in the 23-25 biennial budget for additional FTE and consulting services to include additional business areas and partners to the existing 2.0 platform to develop GeoPortal 3.0.
- In the 21-23 biennial budget the service received funding to execute GIS solutions within the Natural Hazards Mitigation project.