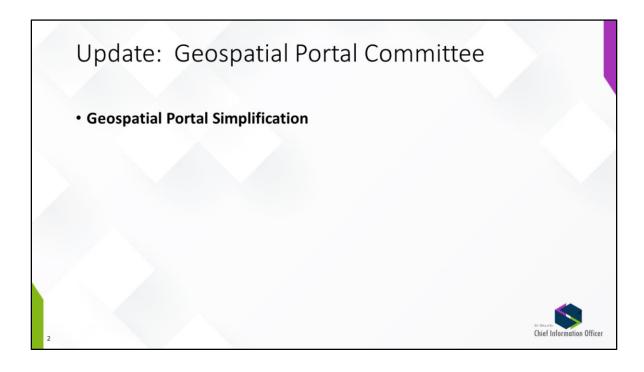
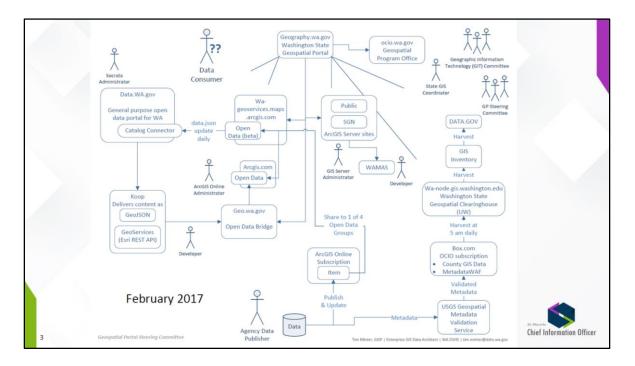


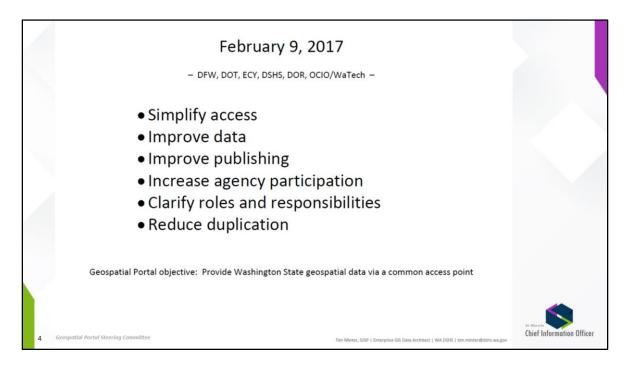
Review of agenda and roundtable of attendees.

Attendees: Joanne Markert, Minette Knotts and Sue Langen (OCIO); Greg Tudor (RCO); Craig Erickson (DOH); Steve Young and Brad Montgomery (DNR); Tim Minter and George Alvarado (DSHS); David Wright (DOR); Tom Carlson (USGS); Christina Kellum (WAGIC); Ed Thompson (WSDA); Michelle Morgan and Marci Carte (WSDOT); Brian Fairley (WDFW); Winston McKenna (LNI); Mark Solie (ECY)

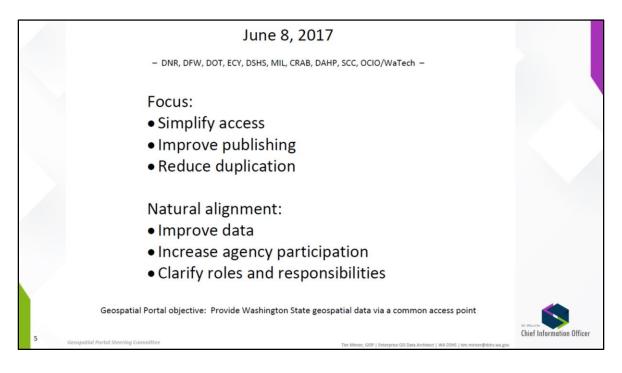




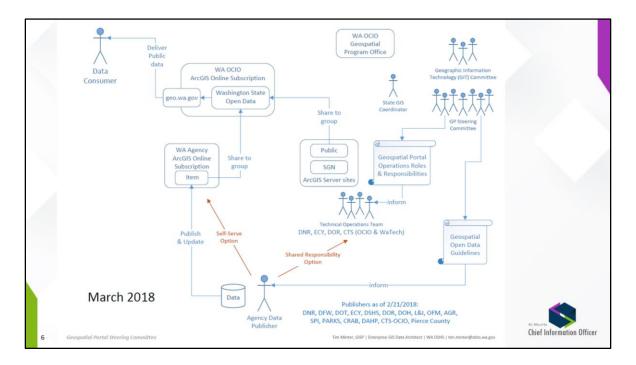
**Tim Minter (DSHS)** gave us an overview of the progress of the Geospatial Portal Steering Committee (GPSC). In February 2017, there were many entry points to download geospatial data and it was difficult to navigate the various systems.



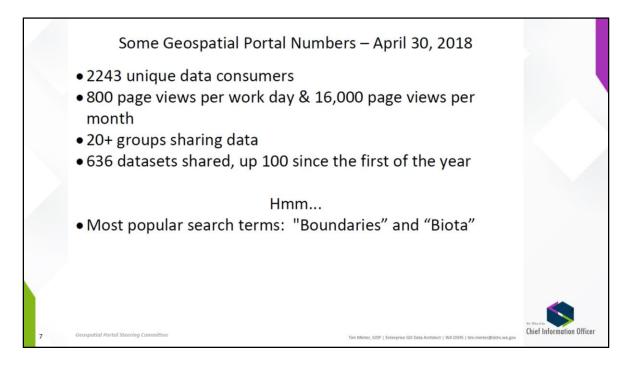
**Tim Minter (DSHS)** provided the goals and objectives for the Geospatial Portal from Feb 2017 with simplification being the top priority.



**Tim Minter (DSHS)** provided the focus and natural alignments of the Geospatial Portal objective: Provide Washington State geospatial data via a common access point.



**Tim Minter (DSHS)** – Now in March 2018, geo.wa.gov is used as a single location for geospatial data provided primarily, at this point, by state agencies. Geospatial open data guidelines are in place to inform agency data publishers and improve publishing. Reducing duplication is an on-going priority for the Geospatial Portal Steering Committee (GPSC) heading into this next year.

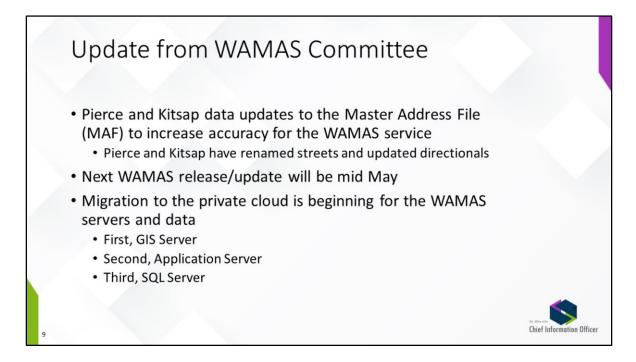


**Joanne Markert (OCIO)** - Google Analytics numbers for April. In February, we launched the newer site and beginning mid- March we began tracking activity using google analytics. Will be working with the GPSC group to determine if these metrics listed in the slide are the things we should be tracking. I currently receive 3-5 emails a month regarding questions on geo.wa.gov website.

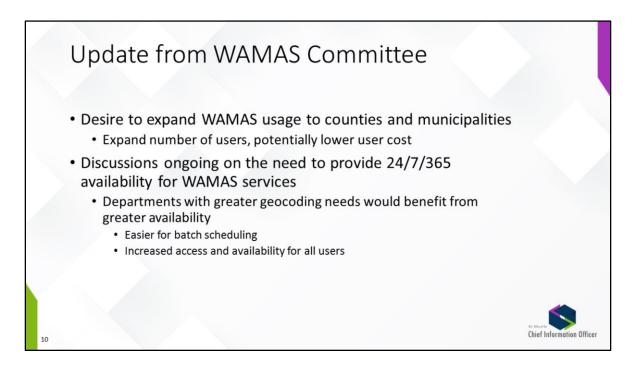
	March 8, 2018	
	- DNR, DOT, ECY, DSHS, CRAB, RCFB/PSP, OCIO -	
	Next Steps: • Improve publishing • Improve data – policies & standards • Reduce duplication	
	Clarify roles and responsibilities	
	GP Objectives	
	Reduced duplication of state time V V V V V V Effective software licensing Improved coordination V V Shared geospatial web services V V V V	
8	Common data distribution platform 🖌 Geospatial Portal objective: Provide Washington State geospatial data via a common access point Geospatial Portal Steering Committee	RE-Oliver for Chief Information Officer

At a recent GPSC meeting, Joanne shared an allocation document that listed objectives for the geospatial portal. Tim mapped the priorities of the GPSC from Feb 2017 to those objectives. Many of them aligned, but "strategic data investments" and "coordinate data acquisitions" could use additional work. Tim Minter asked the group if they would like to see how this can improve. For "coordinate data acquisitions", Joanne mentioned there are opportunities to create or purchase different types of information, example is fire districts or court jurisdictions. There are small agencies who need assistance with creating and maintaining the data.

Brad Montgomery (DNR) – Consider crowd sourcing.

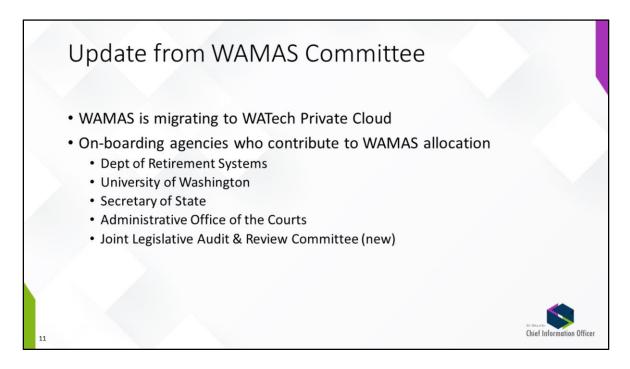


Updates from committees: **Winston McKenna (LNI)** – WAMAS Pierce & Kitsap counties have adjusted over 15,000 addresses (primarily directional and street names), these are being updated in the master address file.



**Winston McKenna (LNI)** – Would like to see WAMAS service be available with minimal down time to meet the agencies' business needs. Hoping that the migration to the cloud will help increase responsiveness. Other agencies are interested in using WAMAS and would like to see if more users would lower costs to organizations that currently contribute. WAMAS is a huge cost saver as a service that support multiple agencies.

**Steve Young (DNR)** - 24/7 isn't available at WATech at this time due to employees not working 24/7. It is monitored but not available to be fixed.



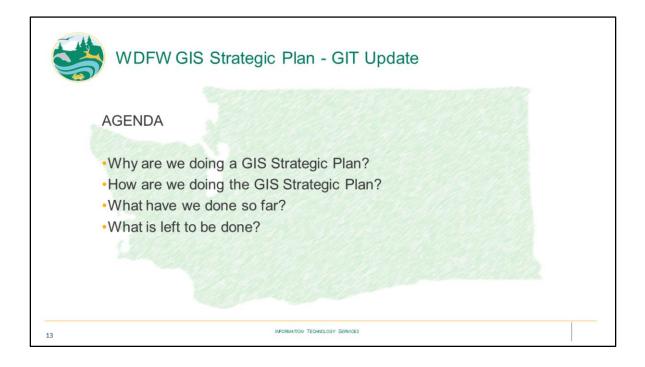
Joanne Markert (OCIO) -List of agencies recently using WAMAS.

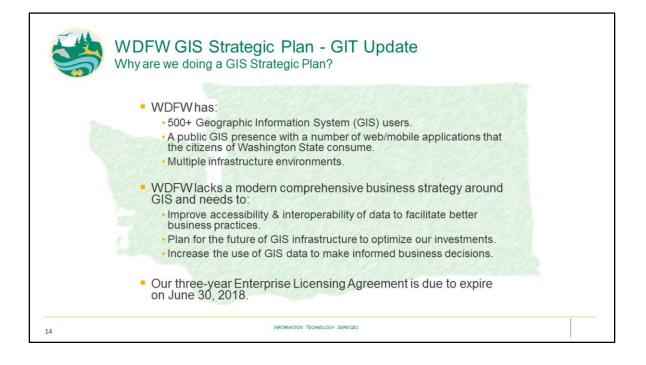
SOS – Elections Modernization Project. They need to coordinate with counties and find addresses of voters. They tested WAMAS and were able to save money using WAMAS vs an outside vendor approach.

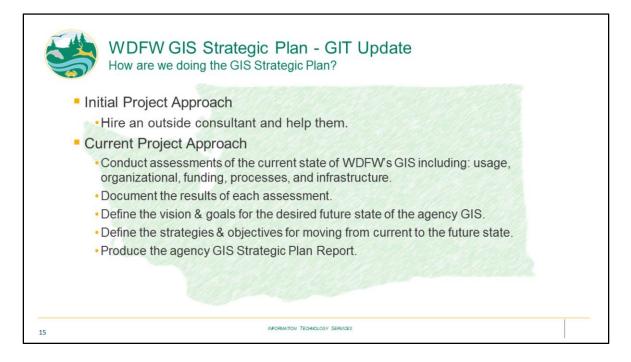
Department of Retirement Services (DRS) is testing WAMAS. They coordinate heavily with the Health Care Authority (HCA) and use addresses to compare systems. DRS will reach out to HCA to see if they can also use WAMAS. All agencies need to remember to outreach to other agencies that may not be familiar with WAMAS.



**Brian Fairley (DFW)** presented an update to the GIT regarding the WDFW GIS strategic plan.







Weren't able to hire the outside consultant, so used internal resources.

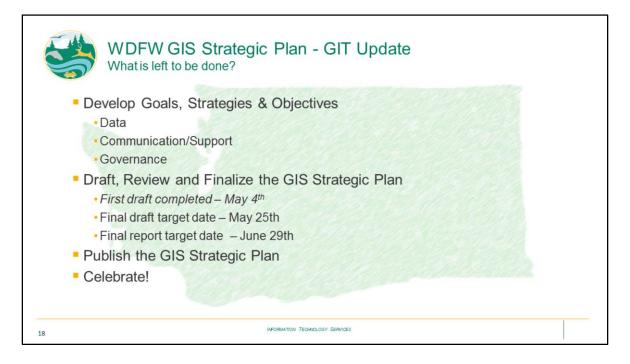
Effort began in early November with planning and preparation. Online survey sent to the entire agency asking about current tools, business needs and other relevant information. 650 plus responses returned. Interviewed 70 staff to find out more about their usage of GIS. Esri conducted an Organizational/Envisioning Assessment with executive management focusing on broad agency goals and GIS. Analyzed the information and developed broad groupings for the overall needs. Still finishing goals and objectives for the strategic plan.



Organized with agency policy director as the executive sponsor.

WDFW GIS Strategic Pla What has been done so far?	an - GIT Update
<ul> <li>Conduct Current State Assessme</li> </ul>	ents
• Usage	
Organizational	
• Funding	
Process	
Compile and Analyze Results	
Project Timeline	Draft, Review & Finalize Report
Conduct Current State Assessments	Compile & V
Dec 2017 Jan 2018 Feb 2018	Mar 2018 Apr 2018 May 2018 Jun 2018
	Develop Goals, Strategies, & Objectives Publish Strategic Plan
	Funish Strategic Fran
17 Илгонило	I TECHNOLOGY SERVICES

Funding assessment – estimated WDFW spends 2.4 million per biennium, not including staff time. WDFW combined these efforts with the Zero Based Budgeting exercise that the agency went through recently.



**Brian Fairley (WDFW)**: Some of the most commonly asked questions are Where is the data? How can I locate it? WDFW data and data from other agencies. Three preliminary themes include 1) supporting communications, 2) need training in GIS and 3) governance.

Esri Envisioning Session was extremely helpful.

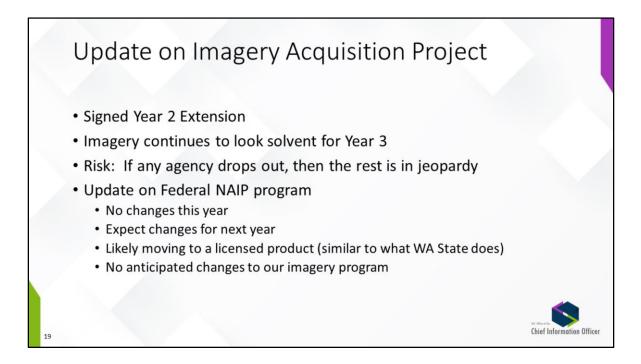
Work in progress, but expect to have a final plan by the end of June. It will go to the CIO, IT Governance and Executive Sponsor by the end of May.

One example of a benefit from this effort is that the WDFW Enforcement group uses a GIS product that is not well integrated with existing agency systems. When they upgrade those tools, will be looking for something that is more strongly integrated with ESRI technology.

Questions from GIT:

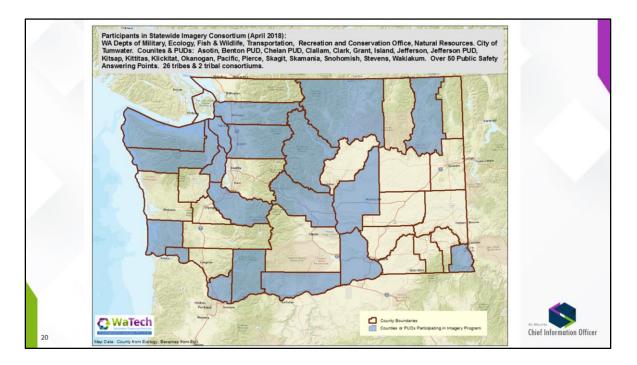
Will training be conducted in-house or contracted out? Unsolved at the moment. Recommendations to develop a stronger support system to regions.

Will this lead to an on-going program? Yes. WDFW is creating an implementation plan for recommendations and process for prioritizing.



**Joanne Markert (OCIO)** – Current imagery program appears to be financially solvent and the Year 2 Extension has been signed. Anticipate being able to sign for Year 3 if all participants continue. The program risk is that if any one partner drops out, then the funding is in jeopardy. Just recently discovered that there is a county who forgot to pay last year. Tracking that down now, but that is \$18,000 that we are counting on, that might not be there.

NAIP program is going through many changes right now. There is very likely to be a change to that federal program in the next year or two. Specifics have not been worked out yet, but there are proposals to make it a licensed product similar to the State Imagery program. Joanne is monitoring this program and will keep agencies in the loop. WA Dept of Agriculture is expected to be effected.



Joanne Markert (OCIO) – The map above shows who is participating – large effort to distribute data. The current process is after payment, they send Joanne a hard drive and she sends it back to them with imagery. Imagery is expected to be on the Geospatial Portal by the end of May/first part of June. It will only go on new servers in the cloud. Anticipating deprecating the older servers by the end of June.

Skagit and Kitsap still have SLAs to sign, but expect them to soon. Update: Skagit signed as of May 14<sup>th</sup>, 2018.

Whatcom County/ City of Bellingham are considering being partners.

		Entity	Am	ount	Term	Tota	I
		Asotin Co.	\$	6,000	3	\$	18,000
Contribution\$		Benton Co. PUD	Ś	6,000	3	ŝ	18,000
contributiony		Chelan Co. PUD	Ś	6,000	3	s	18,000
		Clallam Co.	Ś	6.000	3	s	18,000
		Clark Co.	ŝ	6,000	3	s	18,000
	County	Grant Co.	\$	6,000	1	\$	6,000
	City	Island Co.	\$	6,000	2	\$	12,000
	city	Jefferson Co.	s	6,000	3	s	18,000
	State	Jefferson Co. PUD	\$	6.000	2	\$	12,000
	Traile a	Kitsap Co.	ŝ	6,000	2	s	12,000
	Tribe	Kittitas Co.	Ś	6,000	2	\$	12,000
		Klickitat Co.	\$	6,000	2	\$	12,000
		Okanogan Co.		6,000	3	\$	18,000
		Pacific Co.	\$	5,000	3	\$	15,000
		Pierce Co	\$	6,000	3	\$	18,000
		Skagit Co.	\$	6,000	1	\$	6,000
		Skamania Co.	\$	5,000	2	\$	10,000
		Snohomish Co.	\$	6,000	3	\$	18,000
		Stevens Co.		6,000	3		18,000
		Wahkiakum Co.	\$	4,500	3	\$	13,500
		City of Tumwater	\$	2,500	2	\$	5,000
		Dept of Ecology	\$	20,000	1	\$	20,000
		Dept of Fish & Wildlife	\$	30,000	1	\$	30,000
		Dept of Military Emergency Mgmt	\$ 2	25,000	1	\$	225,000
		Dept of Natural Resources	\$	10,000	3		30,000
		Dept of Transportation	\$	15,000	2	\$	30,000
		Recreation & Conservation Office	\$	3,000	3		9,000
		οςιο	\$	60,000	1		60,000
		NWIFC	\$	15,000	2	\$	30,000
21		Total Expected Contributions				\$	729,500

**Joanne Markert (OCIO)** - This chart helps us figure out where the money is coming from. This plays into our budget/allocation discussions. If we have everything currently in this sheet, we would come in a little over what we need. Since any one partner dropping out makes this not feasible, this is a risky funding mechanism. The magic number to pay the vendor is \$705,000.

Update since meeting: Ecology should be listed as \$30,000.

0	-	Payof						
2015	2016	2017	2018	2019	2020	2021	2022	2023
		235,000	235,000	235,000				
					375,000	375,000		150.000
					450,000	450,000	450,000	450,000
<ul> <li>Still pay</li> </ul>	ing for	2015/20	)16 imag	gery dat	а			
Propose	e image	ery be ind	cluded i	n the all		process	for 201	9-2021
<ul> <li>Still pay</li> <li>Propose</li> <li>Switch t</li> <li>Other content of the sting</li> </ul>	e image to a 2 ye	ery be inc ear payo	cluded i	n the all	ocation	•		

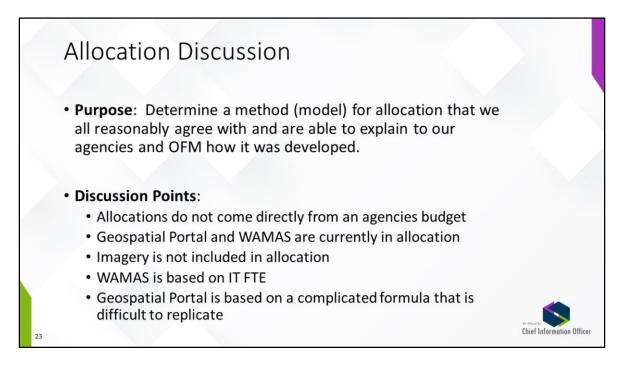
**Joanne Markert (OCIO)** - Graphic is showing the year the imagery is collected and the estimate for payoff. We will be paying off the 2015/2016 data next year based on the yearly contributions by state agencies and counties. We do not get a perpetual license until the data is paid for in full. We have access to the 2017/2018 data, but have not begun paying for it. Would like to consider a 2 year payoff cycle to match the biennium cycle and more closely match the dates of the data.

**Greg Tudor (RCO)** – Another way to get back into the cycle is to drop the 2017/2018 data off the cycle and pickup again for the 2019/2020 data. Then we don't have to pay for the 2017/2018 data, but would need to remove that data from our systems and those of our partners.

**Christina Kellum (ECY)** – Ecology uses older imagery data and would like to investigate business needs before making that decision.

**Craig Erickson (DOH)** – Hesitant to setup any long term contracts. Should imagery be included into cost allocation/ identify a more stable funding source? Estimates of state agency allocation?

**Joanne Markert (OCIO)** – Open procurement will be required at the end of each imagery contract. Will begin planning the next contract in September 2018 in anticipation of the next cycle and to consider what changes have been made in the industry. Markert and Kellum agreed that a more stable funding source should be considered.



**Joanne Markert (OCIO)** – A small group of agency representatives have been meeting to discuss allocation models and developed these discussion points and goals (on the next slide). Once some agreement is reached, then it will move forward as a DP within WATech, but will need support from partnering agencies. Current proposal is to include all agencies in the allocations to remove barriers for using the technology.

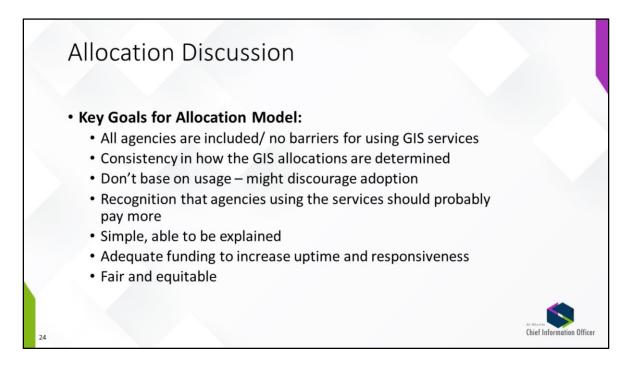
**David Wright (DOR)** – Allocation model is favorable because each agency wouldn't have to find the funding.

**Steve Young (DNR)** – Some agencies don't get the actual money for the allocation, but only get the authority to spend. Increases in allocations mean that fees/ rates would need to be increased to cover the increases for the allocation.

**Christina Kellum (ECY)** – Would counties still be able to participate in the imagery program? They aren't part of the allocations.

**Joanne Markert (OCIO)** - Counties would still be able to buy in. If we get buy-in from counties, then that can supplement the budgets and determine if any enhancements are needed to sustain the program.

ACTION - Invite Craig Erickson (DOH) to any additional allocation/ budget meetings.

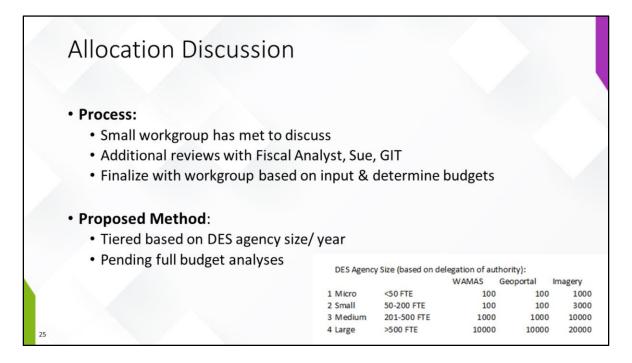


Steve Young (DNR) What does the allocation buy?

**Joanne Markert (OCIO)** Open data, imagery hosting, software and WAMAS. The primary expenses include hardware and software licensing.

**Steve Young (DNR)** Need to be clear about what they are playing for. Primarily access to the tools and data, but the agency doesn't get an on-call GIS professional. Who helps with the on-boarding and working with new agencies?

**Joanne Markert (OCIO)** – Currently, OCIO helps or the agency does an interagency agreement to pay for additional expenses if the project is large.



**Joanne Markert (OCIO)** - Input from GIT about criteria, goals, proposed method. Can they support this concept within their agencies, to OFM and others? Other ways to gain a method that will move us forward? Another meeting will occur Friday to discuss the budget and what we are purchasing. Any support you can gain from your agency and spread awareness would be helpful.

		 		_		
Goal	Objective	entation Tin 2019 2020	Lead	Support	Desired Outcomes	Metrics
3. Facilitate sharing of WAState's Geospatial Data	a) build a framework or process for ortical datasets.		Dependent on dataset	000	*Reduce duplication and effort *Improve clibae experience; common understanding of where to obtain distance *Coordination around dista between state and local jurisdictions *Easier change detection over time	*Process/Criteria in place to determine a critical dataset *hydro (DNR/Ecology) *Addresses/WAMAS/911 (DOR/County/Mill) *Roads (DOT, CRAS, County, DNR) *magery connormin (COCIO)
	<ul> <li>b) Establish a centralized location for discovering WA GIS data and metadata.</li> </ul>		GPSC	OCIO	*One stop shopping *Central location and standard way to share most up-to- date data *Ability to share among agencies and citizens	*A workflow is established to provide most current data
	c) Foster widespread use of statewide data standards and guidelines		ocio	GPSC	*Condistency among shared datasets *Users understand how to implement standards *Users are aware of what is needed	*Standards have been identified and modified and are relatively easy to implement *All data on geo.wa.gov meet data standards *Data guidelines are made available to the public
	d) Assist smaller agencies in beneficing from GIS technology		WAGIC	GIT	*All agencies are able to benefit from using GIS *Reduce the barrier *Larger agencies benefit from smaller agencies *Shared knowledge and source code is openy available *Smaller agencies have access to resources they need	*Data owner reflects agency of expertise *Smaller agencies have technical, infrastructure and procurement support *Educational materials are in place to inform what is avail

**Christina Kellum (WAGIC)** – Update and review of the statewide GIS strategic plan. WAGIC Executive Team has had multiple efforts to refine goals and objectives. We are happy with the outcome. Our focus was to have goals and objectives that are achievable and measureable. Will continue to refine desired outcomes and metrics to ensure we are meeting these objectives. This spreadsheet will be used as our mechanism to check-in on the progress and anticipate it will be a living document and be updated/ changed as needed. The final wrap-up will be to present to the WAURISA conference and see if anything has been missed and to get feedback from a broader community.

*Questions?* Please send to Christina Kellum and she will bring to the WAGIC Exec. Team.

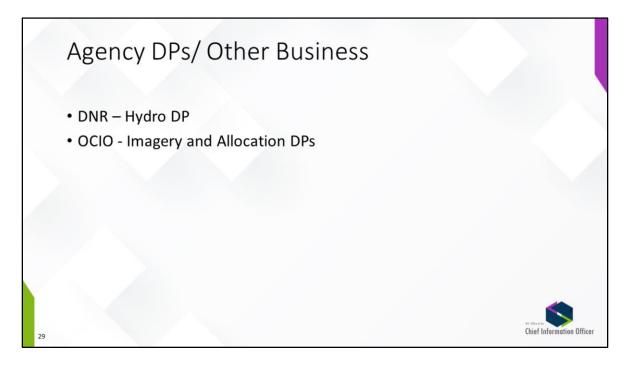
Statewi	de GIS Stra	ate	gio	c Pla	n Di	scussion	
<ol> <li>Improve and Enable Communications Around Geospatia Resources</li> </ol>	a) Compile useful marketing materials to promote GIS			GIT Marketing Sub Committee	WAGIC & OCIO	*More awareness of the power of GIS to make data driven decisions *Understanding of how GIS is used at the state and local levels *Understood that GIS supports strategic objectives of the State	*Re-usable resources are available *Presentations are given are to key decision makers and legislative liaisons
	b) Partner with higher education to facilitate GIS development in rural communities.			Higher Education	WAGIC	*GIS is encouraged to be taught at educational facilities *Lower cost GIS services available to rural communities *Rural communities are an active participant in GIS	<ul> <li>Internships with gov't entities are promoted to help build GIS programs</li> <li>*WSU extensions are utilized as an outreach for GIS technologies</li> </ul>
	<li>c) Provide opportunities to share knowledge around ever changing GIS technology</li>			WAGIC	ocio	*Functional platform exists that facilitates communication and coordination *Benchmark opportunities exist to reduce effort *Existing conferences and venues are used to advertise opportunities	*WAGIC listserv is transformed into a more usefu platform *Technical workshops occur to share knowledge and experience *Forums or presentations available at conferences or local venues
<ol> <li>Establish a stable funding mechanism and process to upport statewide geospatial initiatives.</li> </ol>	a) Create case studies and summary statistics that focus on geospatial investments.			GIT	GPSC &WAMAS & Higher Ed	*The value of GIS investments is understood *Information produced facilitates more funding	
	b) Appropriately staff the OCIO to meet program core functions and objectives			OCIO & GIT	WAGIC	*OCIO is supporting Strategic plan and initiatives *Foundational components of GIS at the State are supported and maintained *GIS implementation is more efficient	*Enterprise services are supported and maintained *Allocations are updated and current
CBSC- Geoportal Spatial Steering Committee							State Chief Information Officer

			Initiatives				
Goal	Objective	Hydro	Imagery A	llocation	Desired Outcomes		
1. Facilitate sharing of WA State's Geospatial Data	a) Build a framework or process for critical datasets.				*Reduce duplication and effort improve citizen experience; common understanding of where to obtain dataset *Coordination around data between state and local jurisdictions *Easier change detection over time		
	<ul> <li>b) Establish a centralized location for discovering WA GIS data and metadata.</li> </ul>				<ul> <li>One stop shopping</li> <li>Central location and standard way to share most up-to-date data</li> <li>Ability to share among agencies and citizens</li> </ul>		
	<li>c) Foster widespread use of statewide data standards and guidelines</li>				*Consistency among shared datasets *Users understand how to implement standards *Users are aware of what is needed		
	d) Assist smaller agencies in benefitting from GIS technology				All agencies are able to benefit from using GIS     Reduce the barrier     Larger agencies benefit from smaller agencies     Shared knowledge and source code is openly available		
2. Improve and Enable Communications Around Geospatial Resources	a) Compile useful marketing materials to promote GIS				*Smaller agencies have access to resources they need *More avereness of the power of GIS to make data driven decisions *Under standing of how GIS is used at the state and local keels *Under stood that GIS supports strategic objectives of the State		
	<ul> <li>b) Partner with higher education to facilitate GIS development in rural communities.</li> </ul>				*GIS is encouraged to be taught at educational facilities *Lower cost GIS services available to rural communities *Rural communities are an active participant in GIS		
	c) Provide opportunities to share knowledge around ever changing GIS technology				<ul> <li>Functional platform exists that fac littates communication and coordination</li> <li>Benchmark opportunities exist to reduce effort</li> <li>Existing conferences and venues are used to advertise opportunities</li> </ul>		
<ol> <li>Establish a stable funding mechanism and process to support statewide geospatial initiatives.</li> </ol>	<ul> <li>a) Create case studies and summary statistics that focus on geospatial investments.</li> </ul>				The value of GIS investments is understood     Information produced facilitates more funding		
	<li>b) Appropriately staff the OCIO to meet program core functions and objectives</li>				<ul> <li>OCIO is supporting Strategic plan and initiatives</li> <li>Foundational components of GIS at the State are supported and maintained</li> <li>GIS implement ation is more efficient</li> </ul>		

**Christina Kellum (WAGIC)** - We have identified 3 statewide initiatives: hydro, imagery and allocation. The blocks in the matrix show which objectives are met by working on these initiatives. These initiatives were determined based on current efforts. At this meeting we have already discussed imagery and allocation.

The hydro initiative revolves around the feasibility of DNR adopting NHD as the hydrography standard for DNR (It is already the state standard). ECY, OCIO, and DNR have been meeting to learn more about the issues and to support DNR's efforts for a DP to fund a pilot study. This is very much in a draft/ agency DP review stage. There is a need to have a single source of hydro information to reduce duplication of effort and streamline regulatory compliance. If efforts with the Hydro DP are unsuccessful, we should regroup and consider other avenues for sharing and streamlining state hydrography information.

**Sue Langen (OCIO)** – Would like to see connections between this plan and the Statewide IT strategic plan. Should reflect other agency strategic GIS/IT plans as well. Continue to broaden the discussion within agencies about the importance of GIS.



**Joanne Markert (OCIO)** - Are there additional DP's that agencies are working on that reflect this group or need support from this group or other final thoughts?

George Alvarado (DSHS/RDA) – GIS is submitting a DP for DSHS/RDA.

Michelle Morgan (DOT) – From an IT perspective we are considering an ELA with ESRI. Greg Tudor (RCO) – RCO and PSP are both growing due to availability of funding and agency priorities. Would like to offer GIS training for staff.

**David Wright (DOR)** – Looking at restructuring DOR GIS governance process. Meet customer requests when support is limited.

**Winston McKenna (LNI)** – Will follow up with Brian Fairley (WDFW) to discuss strategic planning.

**Sue Langen (OCIO)** – DP's budget instructions are a month out from release. This year the IT instructions have been revamped. Focusing more on how it aligns with statewide strategic IT plan. Published instructions will come out with OFM budget instructions. Currently scheduling 3 training sessions to orient folks toward the statewide strategic IT plan and get folks prepared and ready. If you want the OCIO to review your DP for strengthening feel free to reach out and use OCIO as a resource.



Meeting adjourned at 10:43 a.m.