

IDAHO TECHNOLOGY AUTHORITY

FY2018 Annual Report

Jeff Weak — ITA CHAIR
Director of Information Security
Executive Office of the Governor



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ITA MEMBERS*

STATUTORY	State Controller, Office of the State Controller	(Brandon Woolf) Joshua Whitworth
	Director, Department of Health & Welfare	(Russell Barron) Dave Taylor
	Director, Department of Labor	(Melinda Smyser) Eric Beck
	Director, Department of Transportation	(Brian Ness) Charlene McArthur
	Director, Idaho State Police	(Col. Kedrick Wills) Maj. Charlie Spencer
	Director, Department of Correction	(Henry Atencio) Pat Donaldson
	Director, Legislative Services Office	(Eric Milstead) Terri Kondeff
	Chief Technology Officer, Department of Administration	Greg Zickau
	Administrator, Division of Financial Management	(Jani Revier) David Fulkerson
	Executive Director, State Board of Education	Matt Freeman
	Adjutant General, Idaho Military Division	(Brig. Gen. Michael Garshak) Collier Lipple
Chair, Idaho Geospatial Council – Executive Committee	Wilma Robertson	
LEGISLATIVE	Senator	Sen. Jeff Agenbroad (R)
	Representative	Rep. John Gannon (D)
JUDICIAL	Representative	Kevin Iwersen
GUBERNATORIAL	Representative from private industry	Jim Nottingham HP Inc.
	Employee from state government	Jeff Weak (CHAIR) Office of the Governor

*As of June 30, 2018

OVERVIEW & GOVERNANCE

The ITA was created by statute (I.C. § 67-5745) in 2013 to provide direction and leadership regarding the business needs of the state IT community, while also working to improve the efficiency and productivity of state government and encourage public access to government information. Cybersecurity continued to be a primary focus of the committee in FY2018.

In FY2019, the ITA will move under I.C. § 67-832 and § 67-833 as a result of the passage of House Bill 607 during the 2018 legislative session.

Note: HB607 also merged the roles of the Director of Information Security and the Office of the Chief Information Officer (previously in the Department of Administration) to create the new Office of IT Services, aligning all the State of Idaho's statutory IT authority under a single agency.

Included in its duties, the ITA:

- Establishes technology policy and sets the strategic direction for the state
- Reviews and evaluates IT and telecommunications systems
- Prepares statewide IT and telecommunications plans
- Identifies technology opportunities
- Facilitates and monitors statewide programs, to ensure they are effective, beneficial, and utilized on a statewide basis.

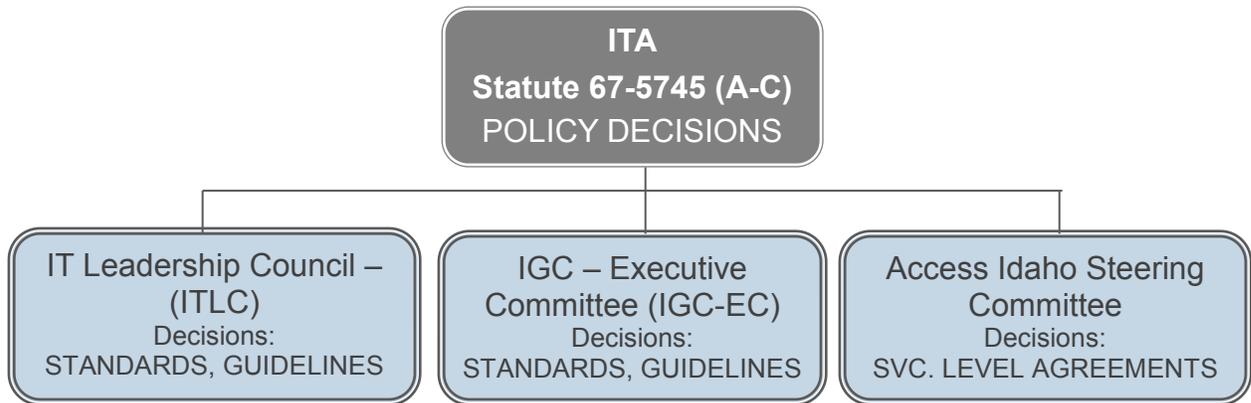
Actions taken by the committee in FY2018:

- Approved the State Technology Strategic Plan objectives and strategies.
- Approved revisions to ITA Policy P1060 (Employee Personal Computer Use).
- Approved the results of the 2018 IGC-EC Election.

The committee heard reports and updates on a variety of topics:

- Implementation of the Governor's Cybersecurity Executive Order (2017-02).
- The Idaho Criminal Intelligence Center (IC2) (Fusion Center) - which was created following the 9/11 Commission Report and protects Idaho by enhancing coordination and communication of information among law enforcement and Idaho agencies.
- Regular subcommittee updates.
- Organizational changes as a result of House Bill 607, which will combine the Director of Information Security position with the Office of the Chief Information Officer (OCIO) to create the new Office of Information Technology Services (ITS) in the Governor's office.
- Status updates on the State Technology Strategic Planning goals and objectives.
- Status updates on the state purchase of the Chinden Campus.

THE ITA AND ITS SUBCOMMITTEES



IT LEADERSHIP COUNCIL (ITLC)

The ITLC subcommittee is comprised of agency IT managers representing small, medium and large permanent member agencies, and meets bi-monthly. Its mission is to provide leadership in the development and implementation of Idaho's State Technology Strategic Plan goals and objectives as outlined in its charter.

CHARTER:

http://ita.idaho.gov/documents/ITLC_Charter_20160223.pdf

MEMBERS*

Department of Fish & Game
Department of Correction
Department of Health and Welfare
Idaho State Tax Commission
Department of Insurance
Department of Labor
Department of Lands
Department of Parks & Recreation
Department of Water Resources
Division of Vocational Rehabilitation
Division of Liquor
Health Districts
Idaho Military Division
Idaho State Police
Idaho Transportation Department
Idaho Industrial Commission
Office of the CIO
Office of the State Controller
State Department of Education
State Supreme Court

BOB ROSS (CHAIR)
RANDY TURNER (VICE CHAIR)
MICHAEL FARLEY
DAVID WENTLAND
BECKY BARTON-WAGNER
ERIC BECK
DAN RAIHA
SCOTT WILLIAMS
GLEN GARDINER
STEPHEN DEBOARD
JON SPENCE
BOB NERTNEY
MIKE LANGRELL
STEVEN HIGGINS
CHRIS VICTORY
ROBERT BUTLER
CHRIS SMITH
TAMMY SHIPMAN
CHRIS CAMPBELL
KEVIN IWERSEN

**As of June 30, 2018*

RESPONSIBILITY / AUTHORITY OF ITLC:

- Implement the duties and responsibilities delegated by the Idaho Technology Authority (ITA) under I.C. 67-5745(C).
- Develop and recommend policies for approval by ITA.
- Create and approve technology standards and guidelines.
- Review and approve large-scale technology projects.
- Provide operational oversight of enterprise utility services offered to state organizations as part of the federated model.
- Plan for enterprise services focusing on innovation, improving service and cost savings.
- Perform other duties authorized or assigned by relevant authority.
- Report to ITA as required.
- Develop, implement, and refine a cooperative process for state agency IT Governance based upon a federated model.
- Provide a forum to advocate and recommend to ITA adequate budgeting of collaborative projects and consolidation efforts.

During FY2018, the ITLC:

- Revised and updated policy governing Employee Personal Computer Use.
- Revised and updated standards governing Electronic Mail-Messaging; and Network Services-Internet/Intranet Web Browser.
- Heard regular updates on the implementation of the Critical Security Controls (CSCs) as required by Governor's Executive Order (2017-02).
- Discussed IT-related procurement issues.
- Heard a report on Payment Card Industry (PCI) compliance.
- Heard regular updates on the status of the state technology strategic planning process and newly identified objectives and strategies.
- Heard an update from the Division of Public Safety Communications on the State Microwave Systems.
- Heard regular updates on the status of the IT classification project, which will modernize the state IT classifications to better align with industry.

ITLC TECHNICAL WORKING GROUPS (TWGs)

Security TWG



Per the Governor’s Cybersecurity Executive Order (EO 2017-02), agencies have completed their assessments against the Critical Security Controls (CSCs), establishing the first ever findings of the overall State security posture. In FY2019, led by the State CISO, agencies will begin working towards compliance with the new version (Version 7) of the CSCs. Efforts will focus on documenting agency deficiencies and establishing a timeline for fix actions, with compliance targeted for April 2019.

Cloud Sourcing Team

Led by the Division of Purchasing, the Cloud Sourcing Team conducted market research regarding cloud services, which identified a statewide need for several specific brand name services. As a result, there will be brand name-only Idaho solicitations for those products based on input from the team.

IT Procurement Process Reform Team

Led by the Division of Purchasing, an internal IT procurement process reform team made up of IT subject matter experts (SMEs) from agencies and Purchasing (with input from the Office of the Attorney General and the Office of Risk Management) was created in FY17 to research and develop new language for IT Terms and Conditions. The findings of the team are currently under review by Purchasing, with draft language anticipated for review in the fall of 2018.



2018 STRATEGIC PLANNING

On June 21, 2018, ITLC leadership and key OCIO staff held a single full day strategic planning session. The resulting objectives align with the Governor’s Priorities, as well as the state strategic goals as illustrated below. The approved **2018 State Government Technology Strategic Plan** can be found on the “Plans and Reports” page of the ITA website.

GOVERNOR’S PRIORITIES	Empowering Idahoans Promoting Responsible Government Enhancing Economic Opportunity
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ITA and ITLC Goals and Objectives

Empowering Idahoans	<p>GOAL: Improve delivery and accessibility of government services and information.*</p>
Promoting Responsible Government	<p>GOAL: Manage IT and information from the perspective of state government as a whole.</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> • Establish Information Management as a statewide discipline. • Align statewide IT procurement to planned IT solutions. • Collaborate on solutions to improve effective/efficient system delivery mechanisms for all agencies.
	<p>GOAL: Safeguard the privacy and security (confidentiality, integrity, and availability) of information.</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> • Adopt secure business practices for all agencies and stakeholders. • Promote security-first culture statewide.
	<p>GOAL: Seek improvement in all aspects of information technologies and services.</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> • Facilitate information sharing and technical forums for specific groups. • Est. enterprise solutions/standard toolsets for common requirements. • Adopt standards-based service model.
Enhancing Economic Opportunity	<p>GOAL: Promote collaborative relationships among all entities, public and private.*</p>

**Specific objectives related to these goals were completed during a previous strategic planning cycle. New objectives will be identified in a future strategic planning cycle.*

IDAHO GEOSPATIAL COUNCIL— EXECUTIVE COMMITTEE (IGC-EC)

The IGC-EC is comprised of geospatial technology leaders from stakeholder groups around the state (including representatives from state, federal, and local government) and meets bi-monthly to provide policy-level direction and promote the efficient and effective use of resources for matters related to Geographic Information. This committee acts as the decision-making and steering body for the Idaho Geospatial Council.

BY-LAWS:

<http://ita.idaho.gov/documents/IGCBylawsMarch2014.pdf>

STANDING MEMBERS

Idaho Geospatial Information Officer:	Bill Farnsworth
INSIDE Geospatial Clearing House:	Bruce Godfrey
USGS Liaison:	Tom Carlson
GIS Training and Research Center:	Keith Weber

ELECTED MEMBERS *

STATE:	Wilma Robertson (<i>CHAIR</i>)	Dept. of Water Resources
	Stephen Cox	Dept. of Agriculture
FEDERAL:	Jerry Korol	Natural Resources Conservation Service (NRCS)
	John Koudelka	Rep. for Idaho National Laboratory
LOCAL:	Jared Stein	Bannock County Assessor
	Donna Phillips	City of Hayden
	Kelly Green	Blaine County
TRIBAL:	Laurie Ames	Nez Perce Tribe
UTILITY:	Candice Dodson	Idaho Power
PRIVATE:	Craig Campbell	Digline, Inc.
OPEN:	Stewart Ward	Dioptre Geomatics
	Pam Bond	City of Boise

**Membership as of June 30, 2018*

** The ITA retains the authority to approve elected members, with elected members serving staggered, two-year terms beginning April 1 and ending March 31. Elections are coordinated by ITA staff.*

During FY2018, the IGC co-hosted the following events:

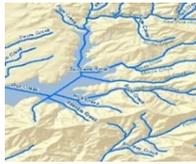
- Cybersecurity Roundtable—This roundtable was held concurrently with the NW GIS Conference in Boise (October 2017) and was a discussion of cybersecurity as it relates to GIS.
- Spatial Data Infrastructure (SDI) Workshop—This workshop was held concurrently with the NW GIS Conference in Boise (October 2017) and included a discussion of the nominating process for TIM framework datasets; web services; and data security.
- On behalf of the IGC and the IGC-EC, the Chair attended the GIS Day event in Moscow on November 15 to discuss the IGC, IGC-EC, and the State GIS Strategic Plan which was approved by the ITA on December 6, 2016.
- IGC / Southwest Idaho GIS Users Group (SWIG) / Urban and Regional Information Systems Association (URISA) Meeting—This co-hosted meeting was held in Boise in February 2018.

The IGC-EC discussed a variety of topics and approved several action items during the course of the fiscal year:

- Heard regular updates from the various Technical Working Groups (TWGs).
- Heard an update on the US Geological Survey's 3D Elevation Program (3DEP) FY17/FY18 project.
- Approved revisions to ITA Guideline G350 (Methodology for Recognizing a TIM Framework Dataset).
- Approved the Soil Dataset on November 11, 2017.
- Approved and signed a letter of support for the continued free and open access to data collected under the National Agriculture Imagery Program (NAIP).
- Approved and signed a letter of support for the Geospatial Data Act of 2017.
- Created a working group to draft a recommendation to the Idaho State Historical Society (ISHS) for the Cartographic and GIS Records Retention Schedule, which was under review by the ISHS.
- Created a working group to study GIS coordination and consolidation efforts in ten (10) U.S. States with the goal of preparing a report on how lessons learned from other States can be implemented in Idaho.

IGC-EC TECHNICAL WORKING GROUPS (TWGS):

In order to support the initiatives and needs of the IGC, the Executive Committee has designated long-term TWGs to provide expertise and focused effort in specific areas of interest, including the Idaho Spatial Data Infrastructure (ISDI) initiative. The following TWGs reported regularly to the IGC-EC, providing critical data for discussion and decisions:



Hydrography - The Hydrography Technical Working group (Hydro TWG) focus is the surface waters and watersheds in Idaho. The Hydro TWG provides a mechanism for editing, updating and enhancing digital hydrography in Idaho. The Hydro TWG also assists in coordination, and the development of standards for Idaho's hydrography needs, as well as facilitating contributions to national hydrography related datasets. Activities over the last year have focused on supporting the Idaho Spatial Data Infrastructure (ISDI) Initiative as envisioned in the State GIS Strategic Plan.

The Hydrography Data Exchange Standard (Version 2.0) was approved in 2015, and the TWG is actively updating the National Hydrography Dataset (NHD) and receiving potential edits for both NHD and Watershed Boundary Dataset (WBD). Information about specific activities can be found at <http://www.idwr.idaho.gov/GIS/NHD/>



Imagery - The Imagery Technical Working Group (TWG) has been busy this year following the possible changes in federally funded imagery programs on which the Idaho GIS User Community has come to depend.

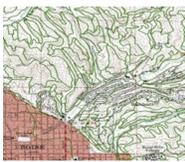
USDA Farm Service Agency (FSA) announced last fall that due to budget constraints and Federal cost-share partner funding shortfalls which jeopardize FSA's mission, changes may be coming to the NAIP (National Agriculture Imagery Program). Alternatives may include reverting back to an agriculture only collection, collecting only "high-value" agriculture states, or changing the data model to a licensed data model. USDA recently announced that NAIP will continue as a public domain dataset for the FY2019 acquisition period while they take additional time to investigate alternate solutions. NAIP is currently on a three-year refresh cycle. Idaho will not be acquired again until 2020.

The Imagery TWG is also following closely whether the U.S. Government will decide to begin charging for access to Landsat imagery. The Landsat Advisory Group (LAG) is undertaking a Cost Recovery Study to outline the pros and cons of various Landsat data policies to public and private sector users. The report will be delivered in late 2018.

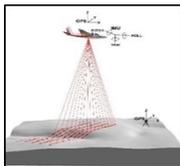
The Imagery TWG announced the availability of the 2017 Idaho NAIP image services provided by [University of Idaho's INSIDE Idaho](#) and [Idaho State University's GIS TReC](#). The Imagery TWG met quarterly during FY18.



Geodetic Control – The Geodetic Control TWG provides advice and guidance regarding the horizontal and vertical positional underpinnings for the spatial data infrastructure of Idaho. The TWG is composed of both GIS professionals and surveyors, and is currently focused on the evaluating the effects of the new horizontal and vertical datums that will be released by the NGS in 2022. In addition, maintaining real-time Global Navigation Satellite System (GNSS) operation in Idaho is also a priority. To enable this, they have teamed with Utah’s AGRC (TURN) to provide immediate coverage across east Idaho with plans to provide real-time correction coverage across all of Idaho in the future. A second focus is the control point database and its web map hosted by Idaho State University’s GIS TRcC. These control points are used by the geospatial community to improve parcel mapping, right-of-ways, etc. The TWG authored the control point standard which was approved by the IGC-EC on September 15, 2016.



Soils – The Soils TWG was created in 2014 to discuss issues around the lack of a comprehensive statewide soil dataset in Idaho. Topics discussed by the TWG since its creation have included state areas not covered by the Natural Resources Conservation Service (NRCS) soil database, soil survey boundaries, soil dataset complexity and end-user ease of use, INSIDE Idaho hosting of the data, and the possibility of linking to the USDA Web Soil Survey. The Soil Dataset was approved by the IGC-EC on November 11, 2017.



Elevation – High resolution topography, primarily lidar, is the focus of the Elevation TWG. In FY18, the TWG continued its’ focus on statewide coordination of lidar planning, acquisition, and data distribution by conducting a statewide prioritization survey and preparing a draft of a statewide lidar acquisition plan. The TWG also facilitated several large lidar data collections including Nez Perce County in Northern Idaho (data delivered in FY18) and several regions in southeastern Idaho (data delivered in FY18).



Cadastral Reference – Cadastral Reference is the spatial grid of township, range, section, quarter-quarter lines, special surveys, mineral surveys or any line or corner established by a federal survey generally referred to as the Public Land Survey System (PLSS). The Cadastral National Spatial Data Infrastructure (CadNSDI) version 2.0 is now in the parcel fabric using the local government model, and many areas have been adjusted. Survey grade points are collected from various sources, and the Idaho Dept. of Lands (IDL) began with state ownership and will in the future expand to private ownership parcels to get the entire state into the parcel fabric. IDL is continuing to gather points and surveys to adjust additional areas and update the PLSS.

ACCESS IDAHO STEERING COMMITTEE AND IDAHO.GOV



The Access Idaho Steering Committee is comprised of business leaders from several state agencies and meets most months to review agency licensing agreements with Access Idaho, the State’s “portal” contractor, and provides oversight of Idaho e-Government applications such as licensing, filing and renewals.

MEMBERS

BILL FARNSWORTH (<i>CHAIR</i>)	Department of Administration, Office of the CIO
ERIC BECK	Department of Labor
TIM HURST	Office of the Secretary of State
DAVE TOLMAN	Transportation Department
DAVE TAYLOR	Department of Health & Welfare
JEFF WALKER	Access Idaho

Current Access Idaho Enterprise Solutions:

Driver Record Dashboard (DRD)

DRD has expanded its services to agency risk managers. Agencies can now utilize the service to monitor their employees for any convictions or suspensions and track when medical records of their commercial drivers change. This feature ensures the state is placing safe and legal operators behind the wheel of a state-owned vehicle. <https://www.accessidaho.org/itd/monitoring/>

License Renewals

The Idaho Bureau of Occupational Licenses (IBOL) worked with the Portal to implement a PCI compliant financial eco-system. IBOL integrated the portal’s online payment engine and over the counter card processing service into its licensing system to create a highly secure and unified financial picture of its operations.

Child Support Payments

The portal modernized the Department of Health and Welfare’s online child support service. A mobile friendly interface was created, and a new feature was added that allows agency call center and support staff to set up and collect payments by phone.

Websites & Webmasters

The portal launched several new HTML5 websites to enhance the mobile viewing experience and

continued to improve the state templates as a resource for agency webmasters.

- State Templates for Webmasters <https://www.accessidaho.org/webmaster>
- Trucking Portal <https://trucking.idaho.gov/>
- Office of Drug Policy (ODP) <https://odp.idaho.gov/>
- Idaho Board of Scaling Practices <https://ibsp.idaho.gov/>

Scheduled Payments

The State Insurance Fund launched an enhanced Scheduled Payment service to make a one-time payment or schedule automatic repeating payments. <https://www.accessidaho.org/scheduledpayments>

On the Go (OtG)

The Idaho Real Estate Commission launched OtG to collect fees in the field with a smart phone using the state's OtG service. Download OtG to your phone at: www.onthego.idaho.gov Connect the app to a mobile thermal printer by Bluetooth.



Prompt Pay

Prompt Pay (In use with the Department of Labor, Transportation Department and Idaho Courts) allows government employees to send a prepopulated payment link by SMS text message and/or email to citizens, which eliminates the need for over-the-phone and fax payment processing. Prompt Pay improves the secure handling of electronic payment information (PCI compliance), modernizing the user's experience when interacting with government employees and reducing the workload of their customer service clerks. <https://promptpay.idaho.gov/>

Event Registration

Access Idaho used its dynamic form generator to quickly replace PDF forms and launch event registration services that accept payments with two agencies. The 2018 Spirits Trade Show for the Liquor Division <https://nws-stage.idaho.egov.com/forms/isld/spirits> and Idaho Department of Human Resources NCASG Annual Conference <https://nws-stage.idaho.egov.com/forms/dhr/ncasg> showcase the flexibility and ease of use this service provides.

My Events 2 Go *(A mobile event agenda)*



Health and Welfare is using My Events 2 Go a mobile agenda App for its Early Ears Conference. The agenda App helps users follow five educational tracks to explore "what's new and what's working" to help children and families. Download the app to your phone or mobile device from: www.myevents2go.com

ITA STAFF

The Department of Administration, Office of the CIO (OCIO), provides staff support for, and works in tandem with, the ITA to improve the efficiency and productivity of Idaho State Government in its statewide use of emerging information technologies and communications services. In FY19, OCIO will move out of the Dept. of Administration and will become the Office of IT Services (ITS) in the Governor's office.

Staff is responsible for development of the State's IT Plan; staffing support to the ITA and its' subcommittees; research and development of statewide IT applications; and coordination, facilitation and implementation of the State's long-range, enterprise-wide technology planning efforts and initiatives.

Biennially, during even years, staff assists in coordinating and compiling Idaho's response to the Center for Digital Government, Digital States Survey. Results of the most recent survey (2018) will be announced in the fall of 2018 and can be viewed at: <http://www.govtech.com/cdg/digital-states/>

Additionally, staff assists state agencies in effectively meeting their individual information technology needs. In cooperation with agency directors and IT management, they ensure that respective agency IT plans and major IT projects are in harmony with the direction as established by the State IT Strategic Plan and comply with the IT Policies and Standards as adopted by the ITA.



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