

Idaho Technology Authority (ITA)
Idaho Geospatial Council – Executive Committee
Meeting Minutes: November 19, 2020 at 9:30 am MST
Webex/Teleconference
Approved January 21, 2021

ATTENDANCE

Members/Alternate(s) Present:

Wilma Robertson, Office of IT Services (CHAIR)
Betty Conces, Kootenai County
Bruce Godfrey, University of Idaho
Cyndi Andersen, Bannock County
Jan Cunningham, Esri
Jerry Korol, Natural Resources Conservation Services
Keith Weber, Idaho State University
Kelly Green, Blaine County
Laurie Ames, Nez Perce Tribe
Mike Woodford, Office of IT Services
Pam Bond, City of Boise
Shane Lim, SUEZ Water
Sydney Lewis, Transportation Dept.
Tom Carlson, USGS

Josh Enterkine, Boise State University
Danielle Favreau, Dept. of Water Resources
Lee Graham, Transportation Dept.
Joel Harrison, USDA
Mike Hickok, Ada County
Jet Johnstone, Transportation Dept.
Kevin Jones, Tax Commission
Gaile Jorgensen, ACHD
Corey King, Gooding County
Tony Lafferty, 1 Spatial
John Laughery, Esri
Michael Miller, Transportation Dept.
Bill Reynolds, Nez Perce County
Angie Schmidt, Dept. of Fish and Game
Erin Seaman, Office of IT Services
Jason Stoker, USGS
Burt Strong, Dept. of Water Resources
Heather Studley, Bannock County
Jennifer Switzer, Gateway Mapping, Inc
Matthew Syphus, LHTAC
Saul Teska, Dept. of Agriculture
Angela Vanderpas, City of Lewiston
Greg Wallingford, Transportation Dept.
Margie Wilkins, Dept. of Water Resources
J Graham
T Oliver

Members Absent:

Stewart Ward, Dioptra Geomatics

Others Present:

Mary Frances Coffman, Office of IT Services
Kristin Bartz, Office of IT Services
Alex Boehm, USDA
Jeff Cook, Dept. of Parks and Recreation
Olivia Drake, Boundary County
Leighton Duffin, Transportation Dept.

WELCOME

Chair Robertson welcomed everyone and called the meeting to order at 9:30 am MST. Roll call attendance taken, and a quorum established.

AMENDED AGENDA

MOTION: Ms. Anderson moved, and Mr. Weber seconded a motion to approve the amended agenda for November 19, 2020, as presented; the motion passed unanimously.

Amended Items:

- Added - ACTION: Nomination to be approved
- Referenced ITA Policy P5030 and ITA Guideline G350 under “TIM nomination simplification”
- Geodetic TWG Updated
- Added – confirmed ITA Meeting December 9, 2020

MINUTES

Chair Robertson was informed by Mr. Woodford that she was listed incorrectly as working for Water Resources instead of the Office of IT Services on the DRAFT September 17, 2020 minutes. In addition to that revision, Ms. Bond requested revising the verbiage used for Goal #1.

Approval of minutes was tabled.

3DEP FOR THE NATION

Jason Stoker, acting Chief of USGS NGP Topographic Data Service, gave an overview of the 3D Nation Concept.

Mr. Stoker reported that the USGS is building a modern elevation foundation from peaks of mountains to depths of our waters. The goal of the 3D Elevation Program (3DEP) is to have the complete acquisition of nationwide lidar by 2023 to provide the first-ever national baseline of consistent high-resolution elevation data collected in a timeframe of less than a decade.

Mr. Stoker briefly explained USGS Lidar Base Specification v2.0 and highlighted the 3DEP Quality Data Categorization. Mr. Stoker mentioned increasing requirements for QL1 data. Many state plans are calling for statewide QL1 data and they foresee a trend toward repeat coverage for areas with older data.

Mr. Stoker explained they are trying to implement the USGS terrestrial component of 3D Nation, a continuous 3D elevation and hydrography surface, to help improve and enable critical applications. This 3D terrain model should help flood forecasting, support clean water act reporting, hydrologic observing systems and models, 3D Geologic models, and enable new 3D applications.

Mr. Stoker reported six strategies they have been working on moving the 3D National Terrain Model Vision for future generations. The next steps will include developing a two-part 3DNTM call for action, while continuing to leverage key applications such as Broadband Development and partnerships to collect data in areas that are lacking coverage, specifically in the West.

STRATEGIC PLAN REFRESH

Mike Woodford, Idaho Geospatial Information Officer, proposed a Strategic Plan Refresh.

Mr. Woodford explained that our current state GIS Strategic Plan was updated and approved in December 2016 and now needs to be updated per the council bylaws.

In order to take the Strategic Plan to the next level, the rewrite should define a governance organizational structure to include advisory functions for policy, technical standards, communications, and framework implementation. It should also include specific strategic goals that focus on increasing data stewardship and data accountability, inclusive and collaborative governance, to become a geo-enabled State for place-based decision-making, leading an open, inclusive and collaborative environment across all levels of government in the State. The rewrite should more specifically define the role of the GIO for State GIS governance, management, and stewardship. Lastly, it should help discover and implement ways to support sustainable funding.

Mr. Woodford proposed the IGC-EC creates a committee of no more than 14 participants to represent State, City, and County governments, Tribal Nations, Academia, and Federal Government. This committee should research what other states and the Federal government have done for GIS strategic plans/planning, then the committee should conduct a "listening tour" to gather feedback from GIS practitioners and users. The goal should be to have a final draft to propose by no later than the 3rd quarter of 2021.

Mr. Weber and asked if Mr. Woodford would be working on this himself or if he would have a task force. Mr. Woodford explained how he would be hands-off but could offer guidance and would consider being more involved if needed.

Chair Robertson created an ad hoc committee. Chair Robertson put out a call for volunteers and anyone interested should email Mr. Woodford.

FEDERAL SEAT NOMINATION

Chair Robertson opened the floor for nominations for the vacant Federal seat (Seat 4) on the Idaho Geospatial Council-Executive Committee (IGC-EC). The term for this seat began on April 1, 2020 and will end on March 31, 2022. There is currently one nomination; no others were nominated.

Chair Robertson called for a motion to nominate Dan Determan for an interim appointment to the Federal seat (Seat 4) on the Idaho Geospatial Council-Executive Committee (IGC-EC).

MOTION: Ms. Bond moved, and Mr. Weber seconded the motion to nominate Dan Determan to fill the vacant Federal seat (Seat 4) of the IGC-EC; the motion was approved.

GOAL #1 UPDATE

Pam Bond, City of Boise, reviewed Goal #1 to create and support a robust geospatial clearinghouse for sharing current and historical TIM Framework and other authoritative layers.

Ms. Bond questioned the available funding to maintain two clearinghouses (INSIDE Idaho portal and the state open data portal). The state portal will focus on providing access to authoritative state agency data and a link to the TIM framework layers on INSIDE, while INSIDE will be the repository for authoritative data from any organization or agency in Idaho.

Mr. Bond announced the Esri Open Data Webinar on December 2, 2020, from 10-11 AM MT. The webinar will cover open data platforms in hopes to bolster efforts to make the Idaho GIS community aware of how easy they are to set up and use.

Ms. Bond explained that as her group's work begins to wind down, they are working on a summary. As they put together that summary, they will also provide recommendations for GIS Strategic Plan Revision.

GOAL #3 UPDATE

Sydney Lewis, Idaho Transportation Department, provided a recap on Goal #3 to improve geospatial data quality.

Ms. Lewis explained their Metadata Tech Talk Series. On October 22, 2020 Chair Robertson introduced Metadata and Metadata Standards. On November 12, 2020 Ms. Lewis and Mr. Weber presented how to edit and create metadata in ArcGIS Pro and ArcGIS Online/Map. The next Metadata Tech Talk is scheduled for December 3, 2020. This talk will be presented by Ms. Bond and will focus on online Metadata creation and editing.

Moving forward, the subcommittee will be providing a Post Tech Talk Survey which will include all recordings from Tech Talks and a small survey. They hope to gather feedback and identify any future training that may be necessary. Once this is completed, they will give recommendations to IGC-EC and close the subcommittee.

Ms. Lewis announced the possible need for a new subcommittee focusing on the hardware needs, such as GPS equipment. This will be included in the subcommittee's recommendation.

Ms. Ames asked if hardware standards are addressed at the ITA level and if they could use those. Chair Robertson was unsure but stated that would be something to investigate.

Mr. Korol noted that the current framework diagram only includes the Geoscience theme and suggested including Soil as a subgroup in this theme.

GOAL #4 UPDATE

Kevin Jones, Idaho Tax Commission, provided the Goal #4 update.

To support the collaboration portion of this goal, the subcommittee sent out an editable Google Doc via the GeoTech mailing listserv that could be edited by anybody who has received that email. The second part of the subcommittee's mission statement covers Data Sharing. For this, they gathered a list of agencies and what data they currently have available.

From there the subcommittee discussed grouping data into tiers based on data sensitivity along with documented benefits of data use and reasons to share or not to share data. Mr. Jones recommended collaboration with other subcommittees before presenting findings to IGC-EC via document and sunseting Group 4.

Chair Robertson thanked Mr. Jones and explained she will move forward with the recommendation and set up a meeting with anyone who is part of the subcommittees. She asked Mr. Jones to participate in one last meeting before sunseting Group 4. Mr. Jones agreed.

TIM NOMINATION SIMPLIFICATION

Mr. Woodford gave an update on the TIM Nomination Simplification.

Mr. Woodford noted there is a very small number of standards and TIM datasets submitted or approved in the last ten years. Currently, there are two processes in place, ITA Policy P5030 and ITA Guideline G530, that are difficult and convoluted.

Mr. Woodford explained that they would like to simplify the processes of developing and approving new data standards and the process of submitting a Data Nomination. This would reduce the time to get a TIM data nomination and Data Standard approved.

Mr. Woodford showed the OLD ITA P5030 and the proposed NEW ITA P5030 process. This new process would streamline and make it easier to access.

Mr. Woodford explained that the current processes for Recognizing a TIM Framework Dataset ITA G350 are ambiguous. He illustrated how the new proposed ITA G350 would include additional steps and checkpoints. The submitter and TWG Chair will have a larger role and will be forced to identify critical items.

Mr. Woodford clarified drafts of the proposed changes for both P5030 and G350 have been sent to IGC-EC members and the Geotech listserv. The GIS community should review and provide questions or comments over the next two weeks after this meeting and due by December 3, 2020. Afterwards, the TWG will review all feedback and determine if any major changes or updates need to be made. Assuming no major changes, Mr. Woodford proposed changes will be an action item for the IGC-EC meeting in January 2021.

ELEVATION TWG UPDATE

Josh Enterkine, Boise State University, gave a brief Elevation TWG Update.

Mr. Enterkine presented a map that illustrated Idaho's Lidar Coverage Status. Mr. Enterkine noted that the map is not complete and that it is missing a few datasets. He also noted that in the next couple of years they expect to have 73% of the state covered with QL1 and QL2.

The next Elevation TWG Meeting will be held early or mid-December. They hope to continue the lidar presentation series through January, February, and March 2021. Mr. Enterkine would love to hear from the lidar community and is open to topic or speaker suggestions.

PARCELS TWG UPDATE

Betty Conces, Kootenai County, provided a Parcel TWG Update.

Ms. Conces and Chair Robertson sent out a survey a couple of weeks ago. As of Monday, November 16, 2020, they have received 33 responses. Ms. Conces revealed they have begun looking at some of the responses and are already finding very valuable information.

Ms. Conces urged anyone who has not already participated to take a few minutes to respond. Ms. Conces and Chair Robertson will be compiling the information in the next two weeks for discussion at the next meeting.

Chair Robertson thanked Ms. Conces and added how the survey will help guide the TWG moving forward.

Chair Robertson received a few comments from individuals who did not see the survey. Chair Robertson asked Ms. Conces to resend the survey to GeoTech for those who did not receive or see it the first time.

PUBLIC SAFETY TWG

Bill Reynolds, Nez Perce County, gave a Public Safety TWG update.

A Public Safety TWG and Transportation TWG held a joint meeting on November 10, 2020. Mr. Reynolds plans on having a meeting at the beginning of 2021. They will try to coordinate with the Idaho Public Safety Communications Commission (IPSCC) and their NextGen 9-1-1 plan and move forward with updating the standards that will be required. They will also work to engage with the other standards that are recommended.

Chair Robertson added that the IPSCC put in a proposal to help with funding the GIS component of the NG 9-1-1 through the CARES Act funding which needs to be spent soon.

GEODETIC TWG UPDATE

Keith Weber, Idaho State University, presented on the Multi-State Control Point Database (MCPD), which has been a focus for the Geodetic TWG.

Mr. Weber described there are over 20,000 MCPD points in the database currently. He confirmed that there are more points in the state of Idaho than in Montana. While it may not look like it when looking at the map, most Idaho's points are clustered together whereas Montana's are more distributed.

Mr. Weber clarified all MCPD points are submitted by Licensed Surveyors and emphasized the usefulness of the database. The MCPD is available as a web map app or as a REST endpoint in ArcGIS.

Mr. Weber wants to nominate the MCPD for recognition as a TIM Dataset.

TRANSPORTATION TWG UPDATE

Sydney Lewis, Idaho Transportation Department, gave a Transportation TWG Update.

Ms. Lewis began by giving a brief overview of the ITD System of Engagement project. This project is a three-year initiative to establish ITD's GIS infrastructure and build the datasets and applications for all ITD and the public needs. Once this project is finished ITS will help determine which one of their authoritative transportation layers should be nominated as TWG datasets.

Ms. Lewis explained they have completed information gathering, application prioritization, data standards, architecture meeting, and first round app development.

Ms. Lewis explained they currently have three applications in testing, five applications in development, and a third set of applications in planning.

Ms. Lewis explained the Transportation TWG next steps include a continuation of change management work, hardware and security buy-in, and sharing of authoritative transportation data.

The next Transportation Meeting will be held on January 11th, 2021 from 10:00 AM to 11:30 AM MT. Virtual invites will be sent out soon.

OTHER BUSINESS

Chair Robertson thanked everyone for their hard work. Mr. Woodford, echoed Chair Robertson's comments and specifically thanked all TWG Chairs for their continuous work.

ADJOURN

Chair Robertson thanked the committee and called for a motion to adjourn.

MOTION: Ms. Lewis moved, and Ms. Anderson seconded a motion to adjourn; the motion was approved.

The meeting adjourned at 11:18 AM MT. The next meeting is scheduled for January 21, 2021 at 9:30 AM MT.



Mary Frances Coffman, Office of IT Services