

**MINUTES OF PUBLIC MEETING OF THE
ARIZONA GEOGRAPHIC INFORMATION COUNCIL
DATA COMMITTEE**

DRAFT

A public meeting of the Arizona Geographic Information Council was convened on April 10, 2019 at 10:00 am at the Arizona State Land Department, 1616 West Adams Street, Phoenix, AZ 85007 in room 215. Present at the meeting were the following members or designees of the AGIC Data Committee:

Table 1: Committee Voting Members

Member	Agency/Company	In Attendance
Howard Ward, Co-Chair	TerraSystems SW	Yes, phone
Jenna Leveille, Co-Chair	AZ State Land Department	Yes, in person
Bo Guo	Gistic Research	Yes, in person
Boyd Larkin	AZ Dept of Revenue	Yes, in person
Brian Brady	Yuma County	Yes, phone
Debby Crouse	AZ Dept of Environmental Quality	Yes, in person
Eric Feldman	Maricopa County	Yes, in person
Helen Costello	Coconino County	Yes, phone
James Covert	Nationwide Insurance	Yes, phone
James Meyer	AZ Department of Transportation	Yes, in person
Jason Ramsey	APS	Yes, phone
Jerome Breyer	GIS Works	No, without notice
Jim Jarvis	City of Phoenix	No, with notice
Keith Larson	NRCS	Yes, in person
Kevin Blake	Yavapai County	Yes, phone
Leslie Stovall	Gila River Indian Community	No, without notice
Phil Ponce	Engineering Mapping Solutions	Yes, in person
Sara Yucupisio	Gila River Indian Community	No, without notice
Steven Whitney	Pima County	Yes, phone
Susan Smith	AZ Forestry and Fire Management	Yes, in person

Table 1: Public Members At-Large

Member	Agency/Company	In Attendance
Rami Alygad	APS	Yes, phone
Jack Avis	Pima County	Yes, phone
Crystal Carrancho	AZ State Land Department	Yes, in person
Mark Christiano	US Forest Service	Yes, phone
Ben Hickson	Pima Association of Governments	Yes, phone
Jason Howard	MAG	Yes, phone

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Member	Agency/Company	In Attendance
Shea Lemar	ASU	Yes, phone
David Neilson	AZ State Land Department	Yes, in person
Gene Trobia	ASU	Yes, phone

- I. **Call to order:** Meeting was called to order at 10:01 am; Introductions were made by the committee; around the table and on the phone, ensuring attendance list was managed and quorum established.

- II. **Approval of Meeting Minutes from March 13, 2019:** Jenna Leveille asked for a motion to approve the March minutes. Motion to approve by Phil Ponce. Second by James Meyer. Approved unanimously.

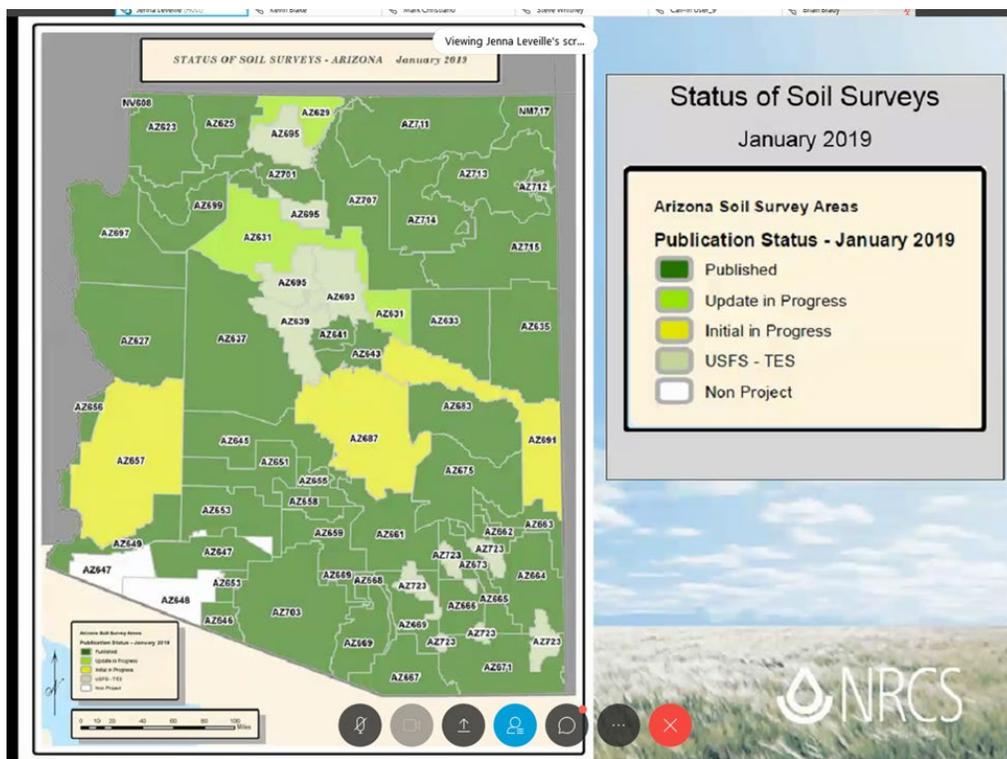
- III. **AZGeo Work Group Update:** Per a request for this item at last meeting, Jenna reported that minimum requirements for AZGEO refresh have been developed. This spreadsheet document categorizes and inventories current and planned functionality. The new site will have both a public facing and private facing side; the public side will not require a login. July 2020 is the target for the new site to go live.

- IV. **Data Sharing Document Approval:** Steve Whitney reviewed the three main question areas remaining from WG participants (these questions and the draft document were emailed out yesterday by Jenna to the Data Committee):
 - **Should we include an acknowledgement page?** Howard, Shea and Jenna all suggested we should, and Jenna suggested Curtis Pulford be included in this acknowledgement as he put a lot of effort into the process; there were no objections
 - **How do we enforce the creation of metadata?** Steve noted that we have no enforcement mechanism and that a guideline is all we can offer. Phil suggested using a model such as Esri's which will not allow you to create or upload without some minimum items being completed (AZGEO does require metadata); Bo suggested narrowing the number of items needed (the document has 7 standard items), Jim Myer suggest stronger language about need for metadata and group agreed this should be done. Gene suggested this language should include a warning to users of data to beware if no metadata was present. Howard suggested that at some point AZGEO might support rating and/or commenting on data sets such as done on social media today. Jim will send Jenna some work being done by an ADOT consultant for reference. Steve will update the document based on today's feedback and approval is tabled until next Data Committee meeting.
 - **Do we need a disclaimer review by the AZ Attorney General?** Some discussion was had about the need for this step. Jim Myer notes that ADOT ran their disclaimer by their Risk Management group. Kevin Blake had their disclaimer reviewed by Yavapai County attorney. Eric Feldman added that there was particular language needed for their flood control disclaimer that

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needed legal review. Steve noted that the current disclaimer is on the document was developed over several years by both AGIC and APLS. Jenna agreed to run it by the AG for feedback/recommendations.

- V. **Statewide DPS map:** Howard reported that the request for 9-1-1 datasets went out yesterday to the 16 Arizona 9-1-1 System Administrators and County GIS contacts. Beginning in the Fall of 2018, DPS requested Pima County coordinate the collection and processing of statewide roads, address points, ESN boundaries and Community polygons for use in their emergency response center. TSSW was contracted through the State 9-1-1 program to assist with four of these requests and yesterday's is the first of four. Data is due by 4/26. Once the append is complete, TSSW will build statewide address locators from the roads and address points. Gene asked that TSSW provide the address data to the National Address Data program by October 1st as they are lobbying USDOT for annual funding and this can help support their cause. Gene will send Howard the link for upload.
- VI. **Soils Data Status:** Keith reported on the status of soils mapping in Arizona. He displayed the map shown in Figure 1. All but the far SW corner and some USFS lands are now complete. Now only updates will be done.



Keith also provided a list of places to go to download or acquire ArcGIS toolsets

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to help user access and use the data (Figure 2).



Figure 2: Sites to access geospatial data and tools

- VII. NAIP Update:** Keith Larson reported that NAIP flight is scheduled for June 1, 2019. No contract has been selected yet. One county has expressed interest in upgrading from standard 60cm to 1-foot resolution. If you are interested in doing the same, contact Keith or Jenna. It is likely that the commercial redistributor (Hexagon) will do this anyway and sell it to you, requesting it means it will be done for sure. In response to a question about ownership of the upgraded information should a County pursue this, Gene offered that in the past for non-NAIP project, exclusive rights contracts were negotiated.

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VIII. 3DEP/3D Nation Update: Drew Decker was unable to attend today's meeting. Jenna showed a 3DEP LIDAR status map as of April 2019 (Figure 3). Mark Christiano explained the new project areas now planned around and in Grand Canyon National Park. He cited that as a good example of multi-agency cooperation.

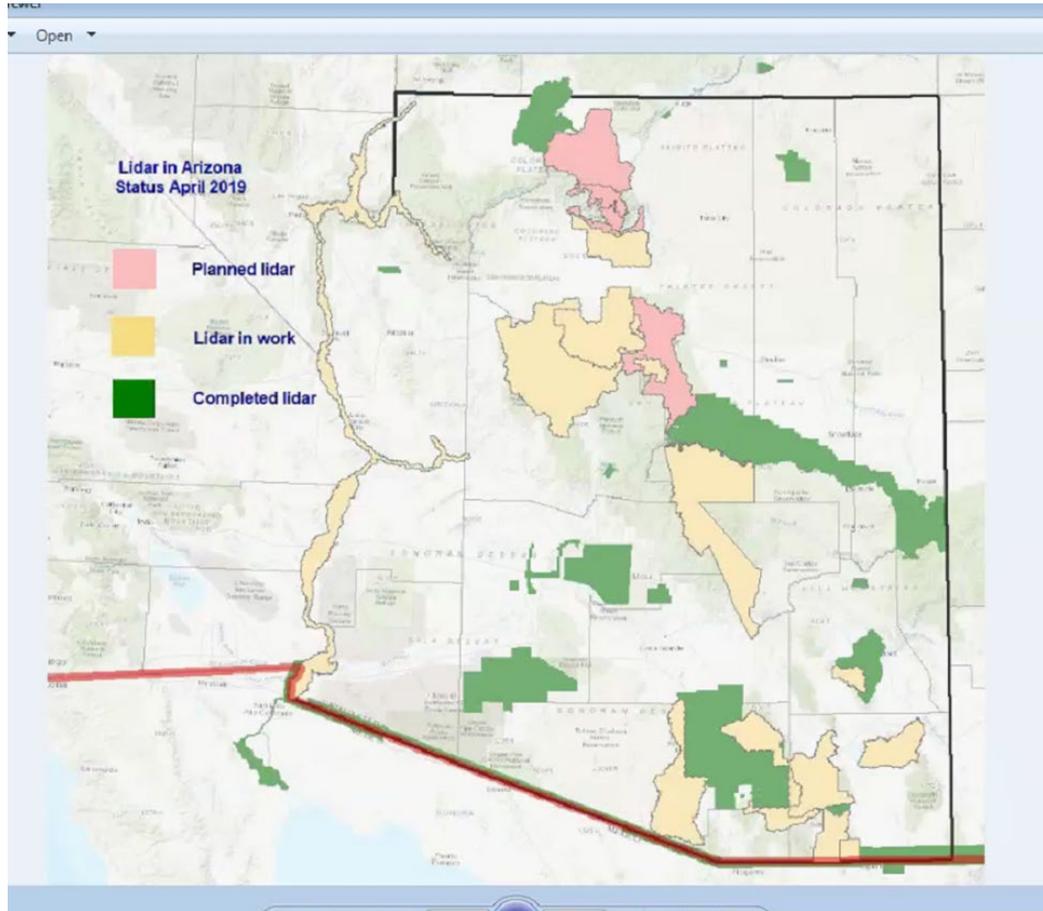


Figure 3: Lidar mapping status

Jenna and Mark will submit the needs document to USGS by May 10th and share them with USGS. They will keep the Data Committee informed of progress.

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Jenna also showed Drew's note (Figure 4).

3DEP

- See status map on screen
- Mostly the same as before; main change is adding in new areas for Grand Canyon National Park (both below- and above-rim collections).
- There may be additional areas to share in the next Data Committee meeting
- Still working with USFS for 3DEP to host existing 4FRI data in eastern AZ
- See the 3DEP website (nationalmap.gov/3DEP)

I

3D Nation

- Continue to coordinate with Ron Huettnner and Jenna at AZ State Land Dept
- Data submitted through questionnaire was been initially processed by the 3D Nation contractor (Dewberry) and the Study is in its validation phase
- <https://my.usgs.gov/confluence/display/3DNationStudy/Validation+Phase>
- A meeting was held at ASLD on Tuesday, February 5 at 9:00 AM with participants who had completed the questionnaire
- A follow up conference call was held on March 19 which had several more participants who couldn't make the first meeting. Both meetings were facilitated by Dewberry with support from ASLD and USGS
- Since February, several additional people have also completed the questionnaire for PAG, Cochise County, and DEQ

Figure 4: 3DEP/3D Nation Update

IX. LiDAR Workgroup Update: Mark Christiano explained that despite an email to the contrary, the May 7th Lidar Symposium will go on as scheduled. They are partnering with the ASU Map and Geospatial Hub and using their facility. The focus of the meeting will be networking and information sharing, focused on what is mapped and what is planned or should be planned (Lidar Acquisition Plan). They hope to be able to facilitate local agency applications to 3DEP through the BAA. The Lidar organizer from Washington State may be the keynote. They are well ahead in their planning and implementation and it would be valuable to hear from them. Jim Meyer suggested Executive level materials be provided explaining the uses and benefits of Lidar. Jenna noted that such materials are being provided. Mark noted that the USGS has a good flyer out on the uses and benefits. Jenna can provide copies on request. Jenna noted that the WG had an unofficial meeting (no quorum) last month and will be revisiting the state and requirements of the WG so that it will be easier to get work done. Mark noted the WG is always looking for new members.

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- X. UAS Workgroup Update:** Debby noted the upcoming workshop on April 25th, 11:30-2:30, free including lunch. Rose Mooney will be coming in to talk and FAA and ADOT will be making presentation. She noted the workshop will help decision makers decide to contract or begin a drone program; risks and lessons learned will also be covered. Jenna displayed the draft agenda (Figure 5).

A	B	C	D	E	F	G
	ACA / AGIC Draft Agenda					
	Last Update: March 26, 2019					
	Event Date : April 25th, 2019					
	Where: ACA Conference Room					
		Potential Panelist				
	12:00 noon	Lunch and Vendor Tables				
	12:30 PM	Introductions / AGIC / ACA AzSkyTech				
	12:30 - 1:15 pm	Panel 1 : Drone Program Startup 101	ADOT	Wilcox	Sara Nielson (legal)	Safety - FAA
	1:15 - 1:45 pm	Open Networking				
	1:45 - 2:30	Panel 2: Drones : Do it Yourself or Hire	Kitty Hawk	Airbotics	Industrial Airobotics - John Wilcox	Water or Utility
	2:30 - 3 pm	Open Networking				
	Attendance:	50				
	Vendor Tables:	6-10 Depending on the space				
	Panel Format:	5 minutes overview moderator				
		5- 7 minutes from each panelist on lessons learned				
		2-3 Key Questions from moderator				
		Open Questions and Answers				

Figure 5: UAS Workshop Agenda

Jenna noted that the UAS website continues to improve with checklists and links to resources and training. Jenna reported that Brian Brady has given up his co-chair position but will continue on the WG. Brian's replacement is Chuck Powell from Westland Resources.

- XI. SPCS2022 Workgroup Update:** Brian has checked for NGS input on the Arizona proposal, but nothing published yet. Jenna also shared details on the NGS Geospatial Summit Conference in May; registration for web access is free. Jenna noted the WG is on hold until this input is received.
- XII. Call to the Public:** None.
- XIII. Information or Topics for Future Meetings:** None.
- XV. Adjourn:** Adjourned at 11:01 am