

**MEETING MINUTES OF THE  
ARIZONA GEOGRAPHIC INFORMATION COUNCIL  
DATA COMMITTEE - LIDAR WORKGROUP**

**DRAFT**

A public meeting of the Arizona Geographic Information Council was convened on August 24, 2020 at 2:06 PM on Webex. Present at the meeting were the following members or designees of the AGIC LiDAR Workgroup:

**Table 1: Committee Voting Members**

<b>Member</b>	<b>Agency/Company</b>	<b>In Attendance</b>
Mark Christiano, Co-chair	US Forest Service	Yes, phone
Jenna Leveille, Co-chair	Arizona State Land Department	Yes, phone
Ramon Arrowsmith	ASU	Yes, phone
Noah Bard	US Forest Service	No, without notice
Kevin Blake	Yavapai County	Yes, phone
Kim Denney	Atlantic	Yes, phone
Craig Erdman	GeoEngineers, Inc	Yes, phone
Benjamin Hickson	University of Arizona	Yes, phone
Keith Larson	USDA – NRCS	Yes, phone
Arron Lee	Merrick & Co	Yes, phone
Roses Lockwood	Campbell Global	No, without notice
Jason Nyberg	Quantum Spatial	Yes, phone
Eric Shreve	AZ DEMA	No, without notice
Nik Smilovsky	ASU	No, with notice
Charlie Warren	Darling Geomatics	Yes, phone
Travis Woolley	The Nature Conservancy	No, without notice

**Table 2: Public at Large in Attendance**

<b>Member</b>	<b>Agency/Company</b>	<b>In Attendance</b>
Jason Caldwell	Sanborn	Yes
Joe Cook	AZ Geologic Survey	Yes
Arthur Crawford	Esri	Yes
Mary Darling	Darling Geomatics	Yes
Drew Decker	US Geologic Survey	Yes
Ralph Falsetto	USFS	Yes
David Holm	Frugo	Yes
Darin Lisonbee	City of Phoenix	Yes

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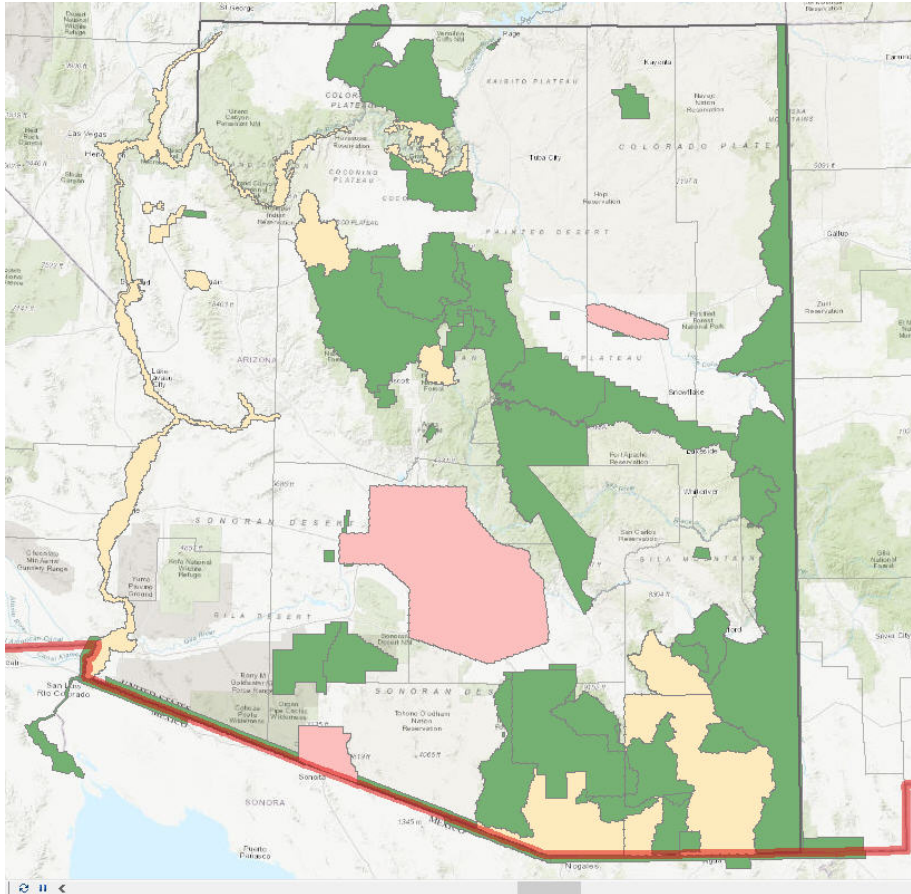
<b>Member</b>	<b>Agency/Company</b>	<b>In Attendance</b>
Mariah Modson	ASLD	Yes
David Major	Cooper Aerial	Yes
Mark Nebel	National Park Service	Yes
Keith Owens	Fugro	Yes
Josh Pope	PAG	Yes
Andrew Sanchez-Meador	NAU	Yes
Chelsea Scott	ASU	Yes
Mike Shelton	AZ Dept Water Resources	Yes
Kristen Straka	National Park Service	Yes
Joseph Wagner	MCFCD	Yes
Jackie Watkins	Cochise County	Yes
Lynda Wayne	NSGIC	Yes
Bandon Van Horn	Yavapai County	Yes

- I. **Call to order:** Meeting was called to order at 2:06 pm; Introductions were made by the committee; ensuring attendance list was managed and quorum established.
  
- II. **Approval of December meeting minutes:** February meeting minutes were distributed by email prior to the meeting. Jenna Leveille asked for a motion to approve the February 25, 2020 meeting minutes. Ramon Arrowsmith motioned, and Ben Hickson seconded. There was no discussion. The motion passed unanimously.
  
- III. **AGIC Council meeting update:** The AGIC Council met at the beginning of Aug.
  - AZGeo has been migrated and launched on July 1 – demo later in the agenda
  - AGIC Conference has been moved to virtual format. It is free to attend but registration is required. A draft agenda is available on the Symposium website. The Lidar WG has two 1-hr special interest sessions, in addition to several hands-on and technical sessions focused on Lidar. The Natural Resources WG also has 2hrs of special interest group sessions. It has been moved to October 19.
  
- IV. **Spring Symposium Recap:** Jenna provided a high-level overview of the virtual event in May. Many attendees from the WG attended; total participation was over 100. Full day, new applications of lidar for forestry, handheld lidar, indoor

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mapping & elevation derived lidar. The day was broken up well into group activities as well as presentations to keep people engaged. Some of the activities and successes are being utilized as examples for planning the larger event in Oct. Update from USGS. Input from some of the attendees was positive.

- V. **3DEP Update:** Drew Decker shared a 3DEP status map. See the image below.



Green areas are collected/complete – the data is generally available. Tan is in production now. Pink is planned and expected to get underway soon. Two projects are complete, and data is being distributed: Kaibab, NM. Additional areas are still in review. Santa Cruz and Cochise Counties are planned to be completed; Cochise has already been flown. Several projects are being awarded and finalized: Maricopa/Pinal, Oregon Pipe NM, and an area along I-40. Kim added Grand Canyon access points are still delaying delivery, but Kaibab has been delivery. BAA Webinar for FY21/22 was on Aug 19; release date still to be determined. A recording will be available for anyone who missed it. Ben H asked for clarification on the USGS announcement on cost sharing this year. Is it only being allowed for QL2? Referencing matching amounts are distributed.

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Distribution representative of complete distribution at QL1? Maricopa Pinal project distribution? Jenna couldn't speak to details of how cost-sharing was distributed. Drew suggested emailing USGS.

Drew added that the 3D Nation Study final version has been distributed for one last review. Overall, the report is good. Jenna and Mark have a few comments to submit.

Ramon Arrowsmith shared that Open Topography is serving 3DEP data available via amazon buckets. Right now, anyone with a .edu email address may access the data for free.

- VI. BAA Status:** Mark called for any updates on any upcoming projects or BAA coordination for 2021. Ben reported that PAG is working to coordinate stakeholders to acquire the remaining areas of Pima County not collected in 2018 (approximately 8,800 sq mi extent on SeaSketch). The Tohono O'Odham is the greatest challenge. Working towards QL1 collection. If anyone is interested in participating, reach out to Jenna or Ben. Mark reminded the group that interest area could be large to participate; essentially if your project is not in northern Arizona there may be opportunity.

Keith Larson reported on NRCS interests in southern Yavapai county. Hoping to get matching funds from NRCS federal monies and interested in local matching/sharing if anyone is interested. Meeting with ASLD and Yavapai County Flood control is scheduled for the end of the week. Also, BOR is working on acquiring in Lower Aravaipa; NRCS has an interest and will support their effort.

- VII. Review of 2020 Work Plan Goals:** Mark and Jenna led a general discussion reviewing the 2020 WG goals:

- AGIC Conference Lidar Track: Two one-hour blocks are reserved at this years Conference specifically for lidar. NAU & general GIS community are filling these spots. Great presenters on practical applications, please join. Jenna added that there are additional hands-on sessions on lidar.
- Website Content – Trying to create a spot for resources; AZGeo will be the host. Mark gave a high-level overview and invited anyone interested to join the volunteer effort.
- 2020 Acquisition Plan Update – Mark reiterated a need for a team to work on updates to the plan. He also mentioned creating a story map from the acquisition plan.

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- Call for Teams - Mark and Jenna outlined the areas where volunteers were needed: AGIC Conference track planning and website content development. If interested in participating/volunteering email Jenna or Mark.

**VIII. NSGIC – 3DEP State Team Update:** Lynda Wayne provided an update on NSGIC activities. See the PowerPoint pdf for an overview. Lynda went over project year objectives and resources available at a federal level. Call for case-studies.

**IX. Demo:**

- AZGeo Hub: Jenna provided a general overview of the new AZGeo Data Hub site ([azgeo.az.gov](http://azgeo.az.gov)); public access without the requirement of an account, secure backend, collaboration platform.
- Colorization of lidar (Arthur Crawford, Esri). Arthur provided a demo on 3D scene maps. Several examples colorized with NAIP imagery. See/request meeting recording for details (<https://azgov.webex.com/azgov/ldr.php?RCID=5f6d421d0f9f4934b4effe1a368d1ebe> password: 654Mfttj). Community Maps overview

**X. Information or Topics for Future meetings:** None

**XI. Adjourn:** Meeting adjourned at 3:35 pm

A copy of the agenda background material provided to working group members is available for public inspection at the Arizona Geographic Information Council's office at 1616 West Adams Street, Phoenix, AZ 85007, Room 216A.

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Members of the Committee will attend either in person or by telephone conference call.

Questions regarding the meeting may be referred to Jenna Leveille at 602-364-3747.

This agenda will be posted at Arizona State Land Department, 1616 W. Adams, Phoenix, AZ 85007 by Jenna Leveille on 24 hours prior to meeting.