

**MINUTES OF MEETING OF THE
ARIZONA GEOGRAPHIC INFORMATION COUNCIL
DATA COMMITTEE – UAS WORKGROUP**

A public meeting of the Arizona Geographic Information Council was convened Sep 7, 2022, at 10:00 AM on Webex. Present at the meeting were the following members or designees of the AGIC Data Committee - UAS Workgroup:

I. Table 1: Committee Voting Members

Member	Agency/Company	In Attendance
Chuck Powell, Co-chair	Westland Resources	Yes, phone
Kasey Green, Co-chair	AZ State Land Department	Yes, phone
Robert Davis	Quiet Creek	No, with notice
Jenna Leveille	AZ State Land Department	Yes, phone
Mariah Modson	AZ State Land Department	Yes, phone
Larry Fox	Bad Elf	No, with notice

II. Table 2: Public Members At-Large

Member	Agency/Company	In Attendance
Jason Owens	Navajo Nation	Yes, phone
Jacob Draper	Green Drone	Yes, phone
Justin Eddinger	Green Drone	Yes, phone
Brandon Barnett	AZ State Land Department	Yes, phone
Andrew Hagglund	Entellus	Yes, phone
Aryn Musgrave	Phoenix Desert Botanical Gardens	Yes, phone
Nick Bisley	Pima County	Yes, phone
Marty Leveque	ADOT	Yes, phone
Abel Federico	ADOT	Yes, phone
Matt Mills	US Forest Service	Yes, phone
Luke Henderson	Pima County	Yes, phone
John Reynolds	EPS Group	Yes, phone
Mike Borszich	DFFM	Yes, phone
Justin Wells	Esri	Yes, phone
Jonathan Gholson	USMC	Yes, phone
Shauna-Rae Brown	Ak-Chin Indian Community	Yes, phone

III. **Call to order:** Meeting was called to order at 10:02 am; Introductions were made by the committee; ensuring attendance list was managed and quorum established.

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- IV. **Approval of the August 2022 Meeting Minutes:** August meeting minutes were distributed prior to the meeting via email. Mariah Modson motioned to approve the minutes as written. Kasey Green seconded the motion. Motion passed unanimously without discussion (Jenna abstained because she wasn't at the August meeting).
- V. **Announcements:**
- Commercial UAV EXPO Sept 6-8, 2022, Caesars Forum - Las Vegas, NV
https://www.expouav.com/?qclid=Cj0KCQjwlemWBhDUARIsAFp1rLXT_zEDm_UwJt0r_Au8e-UUgi7HUwg18P18mwbsZ1Zrke2APO0rbfMaAhMJEALw_wcB
 - UNMANNED SYSTEMS ACADEMIC SUMMIT 2022 Thursday September 22, 2022, 11 am- 1 pm (EDT) *Online*
<https://ncatech.org/events/unmanned-systems-academic-summit-2022/>
 - AZ DRONE FEST Oct 22, 2022
<https://www.usdronefest.com/Arizona>
- VI. **Projects/Lessons Learned:** Nick Bisley asked the group if anyone has experience registering a drone with a County and not an individual pilot. Chuck suggested Nick to reach out to Joe Wagner at Maricopa County Flood Control or Tom Homan at Gila County. Chuck also mentioned that anyone that is part 107 certified can fly the drone, not just the registered pilot.
- VII. **Outreach:** Justin Eddinger gave the following Green Drone Updates. He has a meeting today to finalize details on the GIS Career Day at ASU Drone Studio, and he also put together a survey to get contact information from people interested in helping out. Chuck mentioned that there have been 12-15 people signed up already for Geography Awareness Week in November, and he is looking for more people to sign up.
- VIII. **Workgroup Update and Discussion:** Kasey led a discussion about a possible Merger with the 4D Geospatial Data Workgroup (formerly the Lidar Workgroup). It was decided that this UAS Workgroup will be invited to the next 4D Geospatial Data Workgroup meeting on September 27th as a test, and then discuss the potential merger in our October meeting.

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IX. **AGIC Education and Training Symposium Review:** This year, there were 270 attendees to the conference. If anyone missed anything, PDFs of the presentations are available to download from the AGIC conference app. The presentations for the UAS track on Tuesday were;

- Year in Review (Lessons Learned) – Chuck & Kasey
- Image Classification - ASU
- Use Cases for Drones – ASU
- Ground Control & Using GNSS for Drones – Larry Fox

Tom Homan from Gila County also did a presentation on using Trimble Business Center software for orthophotography. There was then a discussion about Trimble Business Center software including who is using it and how it works for them. This led to a discussion of various other drone mapping programs. Kasey noted that there might be a need for a presentation of some drone mapping software in the future that might include tips and tricks.

X. **Future Topics/Presentations:** Jonathan Gholson is now the Deputy Director for Unmanned Operations for the Arizona Wing of the Civil Air Patrol. He talked a little bit about their Aerospace Education Program, and he might have a presentation on a future meeting. Chuck mentioned that a topic that came up at the symposium was the desire to have a beginner's fly-in event that included everything involved in flying a mission. Justin Wells mentioned possibly doing a presentation on some of the drone applications and workflow within ESRI software.

XI. **Adjourn:** Meeting adjourned at 10:55am.