

**MINUTES OF MEETING OF THE ARIZONA  
GEOGRAPHIC INFORMATION COUNCIL 4D  
GEOSPATIAL DATA WORKGROUP**

**Draft**

A public meeting of the Arizona Geographic Information Council was convened October 20, 2023, at 9:30 AM on Google Meet. Present at the meeting were the following members or designees of the AGIC Data Committee – 4D Geospatial 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	AZ State Land Department	Yes, phone
Kevin Blake	Yavapai County	Yes, phone
Craig Erdman	Geo Engineers	Yes, phone
Benjamin Hickson	Anderson Optimization	Yes, phone
Keith Larson	USDA NRCS	Yes, phone
Arron Lee	Merrick	No, without notice
Jason Nyberg	Quantum Spatial	No, without notice
Chelsea Scott	Open Topography	Yes, phone
Travis Woolley	The Nature Conservancy	No, with notice

**Table 2: Public At-Large**

<b>Member</b>	<b>Agency/Company</b>
Troy Ballard	TLBGIS Consulting LLC
Joe Cook	AZ Geological Survey
Virgil Coxon	ADOT
Drew Decker	USGS
Leeann Deslauries	Dewberry
Eric Feldman	Maricopa County
David Holm	Fugro
Jason Howard	Maricopa Association of Governments
Patrick McGarrity	nD Geomatics LLC
Mariah Modson	ASLD
John Reynolds	EPS Group
Joel Sankey	USGS
Faith Shelton	ADWR
Michael Shelton	ADWR
Alexander Spannuth	USFS
Lauren Thompson	Student

This meeting was recorded. The video is available for review here:

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<https://drive.google.com/file/d/1x9lgwD707YGNqJvNx0yeZJXGUXNO4kx-/view?usp=sharing>

- I. **Call to Order:** Meeting was called to order at 9:31am; Introductions were made by the committee; ensuring attendance list was managed and quorum established.
- II. **Approval of July Meeting Minutes:** July meeting minutes were distributed prior to the meeting via email. Ben motioned to approve the minutes as written. Mark seconded the motion. Motion passed unanimously without discussion.
- III. **Announcements:**
  - [Q4 AGIC Newsletter](#)
  - [AGIC Mentorship Program](#) is accepting mentee and mentor [applications](#) for 2024 – closes Dec 1, 2023
  - [ASPRS Positional Accuracy Standards for Digital Geospatial Data EDITION 2, VERSION 1.0 - August 23, 2023](#)
  - 2023 AGIC Symposium [proceedings](#)
  - Save the date! Natural Resources WG Virtual Presentation Series | Dec 7, 2023 | 1 – 3:30 PM | Registration and details coming soon
  - Upcoming Meetings:
    - [AGIC Council Meeting](#) | Thursday, November 2, 2023 | 10a
- IV. **Geo-Inspiration:** Jason from MAG contributed that they're trying to figure out operating without developer, experience builder creation. They developed tools for ReadON Arizona: <https://readonarizona.org/data-tools/>. Alex Spannuth shared slides on 2010-2013 fire treatment history of the Four Forest area.
- V. **Recap of AGIC Symposium 4D SIG Session:** This group had two tracts at the symposium. One session was a traditional setup with three speakers. The second session was a panel discussion on statewide LiDAR coverage and what's being done with it, from the perspective of industry personnel as well as from scientists with the Natural Resources Workgroup.
- VI. **3DEP Update:** Getting very close to statewide coverage. Navajo nation has been recently completed. Central Coconino project has been received by USGS for review, close to being released. 2023 Mohave project under way. AZ southwest project underway. AZ Northwest project underway. AZ Northcentral running up center of state, acquired, in processing. USFS region 4 mostly collected. Mohave/Coconino project looking for funding to begin work in 2024.
- VII. **DCA Discussion:**
  - Open discussion – AZ DCA applications/updates: BAA is being replaced by the DCA (Data Collaboration Announcement). It will behave the same way while covering both elevation and hydrography collection. Better enabled to partner with external organizations. 3DHP is the new way to get elevation derived hydro. Together, these two products make the 3D National Topography Model (3DNTM).
  - USGS Planning tools:
    - Seasketch planning tool:  
<https://www.seasketch.org/#projecthomepage/5272840f6ec5f42d210016e>

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- US Interagency Elevation Inventory: <https://coast.noaa.gov/inventory/>
- Data download for existing lidar data:  
<https://apps.nationalmap.gov/downloader/>

- VIII. **Presentation:** *Lidar remote sensing of the water storage capacity of tinajas used by desert bighorn sheep at the Cabeza Prieta National Wildlife Refuge, Arizona (Dr. Joel Sankey, Research Geologist Southwest Biological Science Center, Grand Canyon Monitoring and Research Center, USGS)*

Joel reviewed the types of cave-like water tanks that are available to the wildlife. Goal was to characterize the structure of the tank and develop a storage model for estimating water storage volumes.

- IX. **2024-2025 Goals Discussion:** \*not discussed

- Projects/engagement:
  - Event planning and support – recruit presenters
    - AGIC Data Committee Spring Geospatial Summit
    - AGIC Education & Training Symposium
  - Education
    - New 4D Geospatial Data Hub Site/Website
    - Transforming the acquisition plan into a guidance doc
  - Future efforts
    - Suggestions from the Symposium Panel Session
      - Access
      - Education

- X. **Discussion and call for future presentations:** None.

- XI. **Information or topics for future meetings:** None.

- XII. **Adjourn:** Meeting adjourned at 11:04am.