

**MINUTES OF THE ARIZONA GEOGRAPHIC  
INFORMATION COUNCIL  
DATA COMMITTEE – Natural Resources Work Group**

A Public meeting of the Arizona Geographic Information Council (AGIC) was convened on Tuesday, December 13, 2022 at 10am WebEx only due to COVID-19 health precautions. Present at the meeting were the following members or designees of the AGIC NRWG Committee:

**Table 1: Committee Voting Members**

<b>Member</b>	<b>Agency/Company</b>	<b>In Attendance</b>
Elisabeth vanderLeeuw, Co-chair	Pima County	Yes, phone
Jay Corum, Co-chair	USDA Office IG	Yes, phone
Aryn Musgrave, Secretary	Desert Botanical Gardens	Yes, phone
Robert Davis	City of Quiet Creek	Yes, phone
Jami Dennis	Geodetic Analysis, LLC	Yes, phone
Ben Hickson	Anderson Optimization	Yes, phone
Keith Larson	USDA-NRCS	Yes, phone
Jenna Leveille	Arizona State Land Dept	Yes, phone
Mariah Modson	Arizona State Land Dept	Yes, phone
Tanya Owens	Westland Resources	Yes, phone
Jatta Sheehy	TerraSystems Southwest	Yes, phone

**Table 2: Public at Large**

<b>Member</b>	<b>Agency/Company</b>	<b>In Attendance</b>
David Anderson	US Forest Service	Yes, phone
Gerardo Armendariz	USDA-ARS	Yes, phone
Matthew Beversdorf	SRP	Yes, phone
Shuana-Rae Brown	Ak Chin Indian Community	Yes, phone
Chris Chalmers	WGI	Yes, phone
Mark Christiano	US Forest Service	Yes, phone
Robert Davis	Quiet Creek	Yes, phone
Kyli Denton	AZ Dept of Water Resources	Yes, phone
Sara Emani	ADWR	Yes, phone
Eric Feldman	Maricopa County	Yes, phone
Wolfgang Grunberg	DFFM	Yes, phone
Andrew Haglund	Entellus	Yes, phone
Michael Heilen	AZDEMA	Yes, phone
Phil Heilman	USDA ARS	Yes, phone
Paul Keidel	Tucson Aviation	Yes, phone
Ya Ching Lin	Sonoran Desert Museum	Yes, phone

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Cody Maynard	AZ Dept of Environmental Quality	Yes, phone
Alene McCracken	AZ Dept of Water Resources	Yes, phone
Ryan Revels	BOR	Yes, phone
Austin Rutherford	USDA	Yes, phone
Brooke Serpa	Yavapai County	Yes, phone
Jeff Wolkove	ADOA	Yes, phone
Jeanie Webb	Student	Yes, phone
Andy Weflen	Maricopa County	Yes, phone

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The Committee discussed and acted on the following items:

I. Call to Order and Introductions; establish a quorum

Quorum was established and the meeting was called to order at 10:05am by Elisabeth vanderLeeuw.

II. Approval of October Meeting Minutes (Elisabeth vanderLeeuw)

Motion to approve minutes by Mariah Modson, seconded by Tanya Owens. October Meeting minutes were approved unanimously without further discussion or corrections.

III. AGIC Announcements and Updates (Jenna Leveille)

- AGIC Mentoring Program 2023 application closes Dec 31, 2022
- AGIC Imagery Program stakeholder meeting – December 14, 2022; 11a-12p
- AGIC Holiday Social Networking – December 21, 2022 @ 5pm: Regional locations – Flagstaff, Phoenix. Tucson, Yuma
- AGIC Annual Leadership Workshop – Feb 2, 2023: 10-12pm – hybrid
  - Community survey – open in January

IV. 2023 Housekeeping: Jenna announced that the virtual meeting platform will be changing from WebEx to Google Meet in 2023. She also discussed that the distribution list status changes for 2023. If you want to become a voting member let Jenna know. Finally, she asked if the meeting cadence for this group still fit with everyone's schedules and asked for input. Jay asked if we could move the meeting to later in the afternoon and several others agreed with this proposal. The group decided to move the meetings to 2pm on the second Tuesday of the month.

V. Presentation Series Debrief: Elizabeth led an overview of the prior week's presentations which featured three presentations on water conservation and

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drought mitigation. There were 98 attendees and Jenna remarked that it was a very popular event with a great turnout. Mark added that he really enjoyed the presentations and thought the length of each presentation was appropriate and easy to fit into his schedule. The video of the presentations will be added to the YouTube channel and the materials are already available online.

VI. Goal/Activity reports

- NRWG Hub Site Update & Data Coordination – Jenna announced that they have redeployed the Content Submission Survey. Mariah has completed some more work on the Story Maps page. Gerardo added that if anyone has publications that they want to share to let the team know via the Content Submission Survey. Wolfgang also let the group know that they are only able to accept data sources from ArcGIS online in order to reduce overhead and maintenance.
- Protected Areas Database subgroup update – Jenna relayed that this group is still meeting regularly and working to develop a workflow for the collected data. Jen Wennerlund is working on Pinal County as a test case.

VII. USGS NHD/3DHP Update: Jenna read some updates that Drew Decker prepared in anticipation of his absence from this meeting. She shared that NHD is going away and moving to 3DHP and that any updates to NDH need to be submitted to USGS by the end of the year. The group determined at the last meeting that we would not be able to contribute any additional linework changes at this point. The markup tool submissions for the NHD and the watershed boundary dataset ended on November 30<sup>th</sup>. NHD edits through the ArcMap tool will end on December 31<sup>st</sup>. The watershed boundary dataset updates can still be made through June 30<sup>th</sup>, 2023. Public status versions of the watershed boundary dataset plus high resolution will be available by September 30<sup>th</sup>. Jenna also shared some links to videos about the transition.

VIII. NHD Pilot Project Discussion: Mariah explained that all of the linework is going to be pushed forward and they are having a discussion with DWR to publish their data as an interim dataset on AZGeo. Ben made a motion to sunset the NHD Pilot Project working group and Tanya seconded this motion. Elizabeth suggested a presentation of an overview of the status of NHD for the group at the next meeting. Jenna called for a vote to sunset the NHD Pilot Project workgroup and the motion was approved unanimously. Mark asked some questions about the new requirements and shared that he has applied for a grant to use the Kaibab as a test case for upcoming projects. He also shared the current Arizona statewide lidar coverage map. Jenna added that AZGeo is hosting DEMS at a higher resolution than are available at USGS. She also pointed to OpenTopography as a great resource for LIDAR data. Andrew shared a link to the USGS Lidar explorer. Gerardo asked the group if anyone has experience publishing photogrammetry

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data to Open Topo and Jenna shared some contacts to reach out to in response.

- IX. 2023 Work Plan: Jenna asked the group to start thinking of new goals for 2023. Jay stated the mission for our group from the statutes. Elizabeth reviewed our goals from 2022 and discussed how we met these goals and where we are still finding some challenges. The group specifically discussed some of the challenges for reaching tribal and rural communities and how to work more effectively with them. Jenna also asked the group to start thinking about what this group would like to do at the conference next year given that the format of the conference will be changing. She also asked if the group would be interested in putting on an event in the spring to which the group was supportive of beginning planning at the next meeting for an event in April or May.
- X. Future topics and Adjourn: At the next meeting, the group would like a presentation from USGS on 3DHP, Tanya's follow up for tribal involvement and outreach, and an event at Yavapai College in spring. Jenna asked for anyone interested in helping to plan the event to email her. The meeting was adjourned at 11:20am. The next meeting is on February 14<sup>th</sup>, 2023.