

**MINUTES OF PUBLIC MEETING OF THE
ARIZONA GEOGRAPHIC INFORMATION COUNCIL
DATA COMMITTEE – NATURAL RESOURCES WORK GROUP**

DRAFT

A public meeting of the Arizona Geographic Information Council was convened on June 10, 2021 at 10:01 AM on WebEx. Present at the meeting were the following members or designees of the AGIC Natural Resources Work Group:

Table 1: Work Group Voting Members

Member	Agency/Company	In Attendance
Elisabeth Van derLeeuw, Co-chair	Pima County	No, with notice
Jeremy Johnson, Co-chair	Matrix New World	Yes, phone
Aryn Musgrave, Secretary	City of Phoenix	No, with notice
Robert Davis	Quiet Creek	Yes, phone
Ben Hickson	PAG	Yes, phone
Keith Larson	USDA/NRCS	Yes, phone
Jenna Leveille	AZ State Land Department	Yes, phone
Mariah Modson	AZ State Land Department	Yes, phone
Tanya Owens	Westland Resources	Yes, phone
Jatta Sheehy	TerraSystem SW	Yes, phone

Table 2: Public At-Large

Name	Agency/Company	In Attendance
Matthew Beaversdorf	SRP	Yes
Chris Bertrand	Tohono O'Odham/San Xavier District	Yes
Nick Carroll	ASU	Yes
Jay Corum	BOR	Yes
Drew Decker	USGS	Yes
Wolfgang Grunberg	DFFM	Yes
Jacob Perez Laurent	AMWUA	Yes
Arron Lee	Merrick	Yes
Ya-Ching Lin	Sonoran Desert Museum	Yes
Cody Maynard	ADEQ	Yes
Michael Swearingen	Dibble	Yes
Jackie Watkins	Cochise County	Yes
Jeff Wolkove	ADOA	Yes

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- 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 Prior Meeting Minutes:** April meeting minutes were distributed prior to the meeting. Members were provided an opportunity to make corrections. A motion to approve the meeting minutes was made by Jenna, seconded by Robert. The motion passed unanimously.
- III. **2021 Goals/Projects Update:** Jenna and Jeremy started the discussion about the data coordination needs for AZGeo. Jeremy noted that a subgroup met two weeks ago. Jenna added that they came up with a process for including datasets on the landing page. She showed a spreadsheet that they created listing universally requested datasets. The process for submitting content requests is to fill out the Survey123 form and this group will approve content collective at the bimonthly meetings
- IV. **Events:**
 - **NRWG Symposium Track:** Jenna provided an update on the symposium. The NRWG track is open for suggestions. The Conference Committee is working to learn the new virtual platform and the dates will be locked down soon – likely September due to the new software. A call for papers will go out after the conference dates are announced.
 - **Presentation Series:** Jenna also debriefed the April Presentation Series which returned a high rate of attendance. The Forestry focused presentations were greatly appreciated by many attendees. There is a recording available on the Hub page. The Fall Presentation Series may be pushed back due to the conference in September. Some possible topics include: Data Analysis and Modeling Building, Citizen Science, and Web GIS.
- V. **NHD Pilot Project Status Report:** Robert presented an analysis of scale for the NHD Project. He discussed some of the solutions for dealing with common scale issues. Mariah provided a status update on the NHD Project. The group met last Friday and the HUC8 is nearly 2/3 complete – by the end of July they hope to be completely done.

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- VI. **NSGIC GMA Hydrography Data:** Jenna received the NSGIC GMA questionnaire for 2021 (Geospatial Maturity Assessment), an annual survey to appraise the status of the state hydrography data. Jeremy shared the survey with the data analytics team last week. The questions were reviewed by the group and no concerns were raised related to the answers. The survey for hydrography will be submitted to NSGIC as reviewed.
- VII. **USGS AZ Protected Areas Database:** Jenna was contacted to help find a steward for the AZ Protected Areas Database (PAD) because AZ Game and Fish can no longer support that role. Arizona could have an update in 2022 if we can ensure a steward. Jenna asked the group if this is something the group would be interested in and if they would use the data. Wolfgang asked if this data was the same as the Heritage DMS and Jenna does not believe that it is the same. Robert added that he uses PAD quite a bit in his contracting work. Jenna will send out a follow up email with a link to the database for the group to evaluate if they think it would be worth stewarding. Other state agencies could also provide stewardship.
- VIII. **AZGeo WG Landing Page Updates:** Jenna updated the events and the Hub team is meeting about once a month. The Data Inventory Team is helping to bring in more data opportunities and they have discussed adding both an “Applications” and “Data” page. Jenna reminded the group to contribute by completing the survey.
- IX. **Data Committee Updates:** Jenna provided the Data Committee meeting highlights including a brief overview of their discussion of statewide data including the Sun Cloud Project which is a long-term planning tool developed by MAG. Reported on items include:
- DPS Map 911 is working to make new data public, such as statewide addresses. An infrastructure bill (H. R. 2741) is currently moving through Congress that could bring 15 billion in funding to NG deployment. Jenna is coordinating with NSGIC to modify the language to suit all industrial partners.
 - NAIP: Arizona did not get in for NAIP 2021, but that could change if additional funding is found. Most likely we will be part of a new program beginning in 2022 with flights that year, 2024, and 2026.
 - 3DEP/3D: Drew gave an update on Lidar showing a status slice and noting several changes. Colorado River data is done and will be available soon. Work on Yavapai and Pima will begin this spring and summer. FEMA is working in Mohave county on risk maps

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which will fund Lidar there.

- Outreach Mentorship Program: Outreach is developing a mentorship program and they will soon be calling for mentors and mentees. The program is designed to cultivate professional development skills and more details about registration will be available soon.

- X. **Council Meeting Highlights:** Jenna reviewed the differential privacy definition for the 2020 Census. This practice of introducing noise is new to this census and the Bureau has put out a series of demonstration products using the 2010 results to show the new DP impacts. The only level that the data is presented accurately is the state level – at the county level the populations are close enough to consider accurate, but not at the city level. AGIC has provided feedback to the Governor’s office and we have been vocal as a state – the Bureau has adjusted the algorithm to try to meet the needs of the state. Yesterday they released the Final Privacy Protection Budget, an algorithm that leans the most towards accurate data to date.

Jenna also reviewed discussions relating to the State Plane Coordinate System for 2022. There will be a statewide zone and in the new system and two other proposed layers. One contains 58 low-distortion zones and the other is a special use zone which provides low-distortion projections for a few areas that overlap the complete layer with 58 zones. There has been pushback from the community because 58 zones could be challenging to navigate. NGS has not yet responded with what parts of the proposal will be accepted.

- XI. **Information or Topics for Future Meetings:** The next meeting is scheduled for August 2021. At the next meeting the group needs to discuss the Protected Area Database and the NHD Project. The group could also start discussing ideas for the upcoming event in December.

- XII. **Call to the Public:** None

- XIII. **Adjourn:** 11:23 am