

**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 August 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**

<b>Member</b>	<b>Agency/Company</b>	<b>In Attendance</b>
Elisabeth vanderLeeuw, Co-chair	Pima County	Yes, phone
Jeremy Johnson, Co-chair	Matrix New World	Yes, phone
Aryn Musgrave, Secretary	City of Phoenix	Yes, phone
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**

<b>Name</b>	<b>Agency/Company</b>	<b>In Attendance</b>
Gerardo Armendariz	USDA/ARS	Yes
Eric Feldman	Maricopa County	Yes
Wolfgang Grunberg	DFFM	Yes
Roy Jemison	USFS	Yes
Susan Boe	AZ Game and Fish	Yes
Jane Patel	Montgomery & Assoc	Yes
Linda DeLay	NM State University	Yes
Justin Beeler	Dibble	Yes
LuDean Stone	ADWR	Yes
Tom Mueller	Cochise County	Yes
Brooke Serpa	Yavapai County	Yes
Jami Dennis	Geodetic Analysis LLC	Yes
Ya-Ching Lin	AZ Sonoran Desert Museum	Yes
Kara Jensen	Outdoors Arizona	Yes
Jeff Wolkove	ADOA	Yes
Jackie Watkins	Cochise County	Yes

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Julie Mikolajczyk

ADEQ

Yes

Joe Holland

ADWR

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:** June 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 Jeremy, seconded by Elizabeth. The motion passed unanimously.
- III. **Workgroup Leadership:** Jeremy will be stepping down as co-chair. Volunteers for Co-chair are welcome. Moriah Modson has volunteered to takeover leadership of the Pilot Program and the group will vote on this proposal at the next meeting as well.
- IV. **2021 Goals/Projects Update:** NRWG updates were provided by Elizabeth and Jenna. The Hub site team has been meeting monthly and reviews the results of the survey to add additional data to the site page. Jenna initiated a discussion about the “Events” page on the NRWG page and future content suggestions. Gerardo suggested including the Collaborative Conservation Mapping Project and presented a brief overview of their project goals and methods. Jenna reiterated that this type of project is what we are hoping to feature on the Hub site. Jenna reviewed the current list of suggested content and asked if anyone had any concerns or comments about the items. The group did not object to any of the projects listed, so the workgroup will begin to add them to the site.
- V. **Events:**
  - **AGIC Symposium:** The symposium will be virtual, October 25<sup>th</sup> to 29<sup>th</sup>. Calls for papers close on August 15<sup>th</sup>.
  - **NRWG Symposium Track:** Two hours have been allotted for NRWG during the conference and we need volunteers to present;. Submitted abstracts can still be edited after submission.
  - **Presentation Series:** We have one remaining workshop to host this year to meet our workgroup 2021 goal. Elizabeth reviewed some of the previously suggested topics. Jeremy proposed that a climate change and social impact focused workshop would be interesting. Jenna suggested creating a quick survey for the group to help identify the next topic. Elizabeth and Jenna will send it out

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to the group prior to the next meeting for discussion.

- VI. **NHD Pilot Project Status Report:** Mariah gave an update on the most recent group meeting and reported that the project is at 80% coverage for the pilot HUC 8 area. They met with the NHD Pilot group to discuss next steps. Ben created a model that compares the percent similarities for the area which could help process the whole state. Robert brought up the issue of tackling the scaling differences across the state and they are working on solutions for refining data. Mariah submitted an abstract for the Arizona Hydrologic Society Conference and it was accepted, so she will be presenting on September 15<sup>th</sup>. She is hoping to get lots of feedback and potentially recruiting more people to help with this project.
- VII. **USGS AZ Protected Areas Database:** Jenna led the group in a follow up discussion of the request to provide a steward for the USGS AZ protected areas database. Jenna discussed how changes at the federal level have increased funding for this initiative and that there is an incentive to keep the database updated and robust. The Arizona database is in good shape, so there are not a lot of updates needed at this time. Jenna and Elizabeth discussed possible workflow processes to create a sustainable stewardship – for example the local levels could have a copy of the schema from the national dataset to update and submit for updates. We have access to FME licenses and servers to leverage our contribution.
- VIII. **AGIC Updates:**
- **USGS program:** USGS are developing a new program for elevation derived hydrography – similar to 3D with a grant application process managed with contractors. They have a call for action for states and entities to provide unput for the process. Jenna shared these links in the meeting document.
  - **AGIC UAS Workgroup Fly-In:** Planned for September 15<sup>th</sup> in Tucson. Multiple types of drones will be shown, and the afternoon will include a workshop on how to process the collected data. Registration opens later this week and the event is free.
  - **Data Committee Updates:** The census data products are being released at the end of this month and the Census Bureau has announced that the differential privacy algorithm has reduced the accuracy to a degree, but better than expected. However, the block level data is likely unusable due to the aggregation strategy. Jenna encouraged the group to attend upcoming webinars about the

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changes in data processing. The NAIP contracts were recently changed to allow Arizona to be included in the 2021 data collection, so AZ data will be flown in the late fall with 4 bands and 60cm resolution. Jeremy added that the data is usually released late so likely will not be available until spring 2022.

- **Council Meeting Highlights:** Gerardo requested an update on the executive leadership survey to create a collection of StoryMaps. Jenna provided an update and shared that their final product will be provided to the governor's office to highlight geographic work happening in AZ. The timeline is still rough, but data will be requested soon for the StoryMaps. The Survey123 is out to collect data about projects and Jenna will resend the link in a follow-up email.

- IX. **Information or Topics for Future Meetings:** The next meeting is scheduled for October 14th. The group will discuss ideas for the upcoming event in December at the next meeting.
- X. **Call to the Public:** None
- XI. **Adjourn:** 11:23 am