

**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, October 11 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	No, without notice
Jatta Sheehy	TerraSystems Southwest	Yes, phone

**Table 2: Public at Large**

<b>Member</b>	<b>Agency/Company</b>	<b>In Attendance</b>
David Anderson	USGS	Yes, phone
Gerardo Armendariz	USDA-ARS	Yes, phone
Nathan Basch	IMS	Yes, phone
Chris Bertrand	Tohono O'odham Nation	Yes, phone
Susan Boe	AZ Game and Fish	Yes, phone
Shuana-Rae Brown	Ak Chin Indian Community	Yes, phone
Chris Chalmers	WGI	Yes, phone
Drew Decker	USGS	Yes, phone
Kyli Denton	AZ Dept of Water Resources	Yes, phone
Jim Downey	DFFM	Yes, phone
Sara Emani	ADWR	Yes, phone
Eric Feldman	Maricopa County	Yes, phone
Karen Fisher	CAP	Yes, phone
Wolfgang Grunberg	DFFM	Yes, phone
Andrew Haglund	Entellus	Yes, phone
Richard Harris	Maricopa County	Yes, phone
Shilo Johnson	Maricopa County	Yes, phone

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Camille Mayberry	AZ Dept of Water Resources	Yes, phone
Cody Maynard	AZ Dept of Environmental Quality	Yes, phone
Alene McCracken	AZ Dept of Water Resources	Yes, phone
Veronica Nixon	ADWR	Yes, phone
Barira Rashid	Student	Yes, phone
Austin Rutherford	USDA	Yes, phone
Brooke Serpa	Yavapai County	Yes, phone
Andy Weflen	Maricopa County	Yes, phone

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 April Meeting Minutes (Elisabeth vanderLeeuw)

Motion to approve minutes by Robert Davis, seconded by Mariah Modson. June Meeting minutes were approved unanimously without further discussion or corrections.

III. AGIC Announcements and Updates (Jenna Leveille)

- AGIC Council Meeting – November 3, 2022 | 10 AM | Hybrid | AZDEMA EOC - 5636 E McDowell Rd, Phoenix, AZ 85008
- Green Drone education engagement opportunities survey
  - GIS & UAS Career Day | Oct 28th Rio Salado Audubon Center
  - Geospatial Professional Outreach to middle & high schools | National Geography Awareness Week
- PHXGeo Meetup – November 19<sup>th</sup> at 6pm – Experience Builder

IV. AGIC Education & Training Symposium – Debrief (Elisabeth vanderLeeuw and Jay Corum)

- Panel sessions ran smoothly and were well attended. Elizabeth appreciated the theme of collaboration and Jenna supported this comment. Jenna also added that the orientation session at the symposium was a huge success and a great opportunity for people new to the conference to meet others and learn more about AGIC. Shauna asked about the virtual option and Jenna discussed that price was

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prohibitive for providing that option for attendees. The materials and presentations from the symposium are available online.

V. NSGIC Updates (Jenna Leveille)

- Jenna commented that there was a broad federal representation at the conference, which provides benefits at the state level due to better coordination and support from federal funding. She added that most authoritative data come from the local level and they were able to talk about funding opportunities for states. She referenced the NHD dataset, which will be discussed in greater depth later in the meeting.

VI. Goal/Activity reports

- NRWG Hub Site Update & Data Coordination (Gerardo Armendariz)

The group has completed many updates that we have discussed. Mariah is working on the storymap and they have cleaned up the data page and the collaborative project page. Jenna requested input on the content for the publications page. Gerardo showed the survey link online. Please fill out the survey to contribute suggestions and additions to the website.

- Protected Areas Database subgroup update (Jenna Leveille)

Jenna gave an update on the PAD subgroup, which has reached out to entities and counties that might house the data needed to complete this dataset for the state. They are in the process of receiving the data from some and connecting with others. Brooke Serpa offered to be the point of contact for Yavapai County and requested to be included in future meetings to learn more about the initiative.

VII. NHD Pilot Project update (Mariah Modson)

- Mariah started a discussion about how to proceed with the NHD Pilot project subgroup now that the 3DHP program has started. USGS has stated that all updates to NHD need to be submitted by December 1<sup>st</sup>, 2022, and it is unlikely that the subgroup will have their work complete by that date. The linework will become static on January 1<sup>st</sup> 2023. Jenna reiterated that the subgroup was formed from a need to update the national dataset to create an authoritative dataset that stakeholders felt confident using. Veronica Nixon asked if USGS might be in need of local expert input to correct the dataset and Mariah responded that the process for editing has not been elucidated fully yet. Ben Hickson commented that the impetus for this subgroup was due to changes in the Clean Water Act. He also added that you can still propose edits to the dataset and those will be reviewed by USGS. It may be up to 5 years before the national dataset is revised. Drew

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Decker from USGS confirmed that they will be allowing markups until November 30<sup>th</sup> which will be reviewed. Also the watersheds data will be open for editing through next June and the static version will come out in September 2023. Jenna commented that the 4D Geospatial work group is still working on coordinating the LIDAR for the gaps in the state and will likely be completely covered within the next few years. She asked for the group to think about how these changes might impact your organizations to provide feedback for USGS. Veronica and Alene McCracken will investigate if ADWR could release their dataset in the interim. Cody Maynard from ADEQ commented that the dataset changes will not be a hurdle for their work. Email Mariah with any additional comments after the meeting. At the next meeting, we will evaluate if the subgroup should be sunset due to these changes.

VIII. Presentation Series

- Jenna started a discussion proposing a presentation series for December. The event will be virtual. Jatta Sheehy offered to present on her vegetation work from La Paz, Mexico. Shauna Rae suggested a presentation about the basics of hydrology. Andy Weflen will check with the lower Gila River Collaborative about presenting a project they have been working on. Karen Fisher from CAP offered to present on an urban land-use project using NAIP and LIDAR. Andrew Hagglund also offered to present their data. Jenna also mentioned that the Kyl Center might be interested in presenting. Jenna asked for volunteers to help plan the event. Jatta offered to help with the logistics. The group decided to plan the event for the first week of December, potentially the afternoon on the 7<sup>th</sup>.

IX. MODIS Presentation (Robert Davis)

- Robert presented about “good remotely sensed data”, which gave examples of sources to find remotely sensed data with the attributes, resolution, and accuracy that is needed for analysis. He compared NAIP to MODIS and elaborated on the EROS Registration process to access the data through the NASA AppEEARS application. He shared Quiet Creeks Resource Monitoring Dashboard application, which highlights the MODIS NDVI data within the Altar Valley Conservation Alliance. He ended the presentation with a discussion of alternative datasets including Sentinel 2 and Landsat.

X. Future topics and Adjourn

- Adjourn at 11:20am. The next meeting is on December 13<sup>th</sup>.