

**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 February 11, 2021 at 10:02 AM on Webex. Present at the meeting were the following members or designees of the AGIC Data Committee-Natural Resources Work Group:

Table 1: Work Group Voting Members

Member	Agency/Company	In Attendance
Glen Buettner, Co-chair	AZ Dept of Water Resources	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
Elisabeth Van Der Leeuw	Pima County	Yes, phone

Table 2: Public At-Large

Name	Agency/Company	In Attendance
Gerardo Armendariz	USDA/ARS	Yes
Eileen Baden	Maricopa County	Yes
Jona Banks	City of Phoenix	Yes
Shawna-Rea Brown	AkChin	Yes
Susan Craig	ASU	Yes
Drew Decker	USGS	Yes
Jim Downey	DFFM	Yes
Eric Feldman	Maricopa County	Yes
Tiffany Finke	AZGFD	Yes
Lisa Galyen		Yes
Wolfgang Grunberg	DFFM	Yes
Sara Harders	Pima County	Yes
Michael Heilen	Statistical Research, Inc.	Yes

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Name	Agency/Company	In Attendance
Phil Heilman	ASDA/ARS	Yes
Matthew Jewel	DFFM	Yes
Arnold Kedia		Yes
Ya-Ching Lin	Sonora Desert Museum	Yes
Cody Maynard	ADEQ	Yes
Alene McCracken	ADWR	Yes
Terri Nelson	Yavapai County	Yes
Jane Patel	Montgomery & Associates	Yes
Lisa Rivera	USBOR	Yes
LuDean Stone	ADWR	Yes
Jackie Watkins	Cochise County	Yes
Jen Wennerlund	SRP	Yes
Jeff Wolkove	ADOA	Yes

- I. **Call to order**: Meeting was called to order at 10:02 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**: December 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 Robert. The motion passed unanimously.
- III. **Committee Leadership Discussion**: Glen Buttener announced that he will be retiring in a couple of months and will no longer be able to chair the Natural Resources Committee. Elizabeth VanDerLeeuw volunteered to be co-chair and Glen asked for any other volunteers. The group discussed and Robert motioned to approve Elizabeth's role as co-chair, Jenna seconded. All members voted in favor and the motion passed unanimously.
- IV. **2021 Work Plan**: Glen reviewed the 2021 Work Plan which was approved by the Council at the beginning of February. There were some corrections to dates listed on the plan, which are also listed on the website. Jenna will share the corrected and approved 2021 Work Plan with the group. The following topics were generally discussed:

- Data Coordination

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- AZGeo Group
- Natural Resources Data Inventory and Gap Analysis
 - Best practices for data usage
- AZ Hydrography Data
- Collaboration Forum
 - Natural Resources track for 2021 AGIC Symposium (April discussion)
 - Two or more workshops or events
 - Resource Directory (w/ X Watershed Network)

Glen asked about the status of the X Watershed Network regional survey. Gerardo shared that the survey has been deployed and they are in the process of collecting the data. Jenna called for volunteers to help achieving the goals.

- V. **NHD Pilot Project Status Report:** Jeremy provided an update on the NHD Pilot Project. Mariah finished the USGS training and Cody is nearly done with it. The data analytics subgroup has been created and will meet weekly when possible. They have identified two HUCs to compare data and reviewed the ADWR, ADEQ, NHD, Pima County Flood Control data. The initial findings revealed that the Pima County data was a much higher resolution and there were some geographic differences between datasets. After the initial review, the pilot workgroup decided to alter the focus of the project to review the schema and find the lowest common denominator. Glen provided guidance on the schema hierarchy including the core level “must haves”. The geographic focus is now the exclusively the Upper San Pedro and they will compare the ADWR, ADEQ, NHD high resolution data. HUC 12s will be “checked out” by the team and they will review the linework discrepancies, missing data, the reach of the linework and the real-world condition representation. Mariah created a web app to help look for the differences.
- VI. **Presentation Series:** Elisabeth led a discussion reviewing the presentation series held in December and inquiring into what the group wants for this year. The Dec workshop went very well. A recording from the December event is available, contact Jenna for details. If anyone has suggestions or topics for future events, contact Elizabeth. The group discussed topics for the spring event. Mathew Jewel suggested highlighting the programs that the Department of Forestry is spearheading in AZ to mitigate wildfires and support forest health. Elisabeth, Jenna, and Jatta will begin planning soon and asked for more volunteers. Susan Craig suggested the University of Arizona’s Project Wet as a kickoff presentation.

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- VII. **AZGeo WG Landing Page Updates:** Jenna thanked Wolfgang, James, and Gerardo for their contributions to the Natural Resources page. She shared the new sections of the webpage and asked the group for input for future improvements. The group discussed whether to publish before including more data and decided that it was appropriate to publish. A motion was made by Robert and the group voted unanimously to approve publishing the landing page.
- VIII. **ASU Kyl Center for Water Policy at Morrison Institute Presentation:** Susan Craig presented her work on the Arizona Water Blueprint project. She shared the website for the project which features video tutorials for how to use the resources and the data repository. SRP is a partner on the project and they are hoping for additional input from other groups. Susan demonstrated the data visualizations that enable them to learn what is happening on the ground and are a great tool for decision makers and stakeholders. She also shared a few of their dashboards and highlighted the work that they have done with the Central Arizona Project. She mentioned that their future projects include developing story maps to aid policy decisions. The group was very enthusiastic and provided positive feedback following the presentation.
- IX. **AGIC Update:** Glen shared some updates on behalf of Jenna. He announced that the Outreach Committee has developed an AGIC Mentorship Program. There are a few new Council appointments from DEMA and the Pima Association of Governments. The Council approved the NRWG 2021 Work Plan, as well as those of other workgroups and committees. Finally, the Data Committee decided to support the development of data which the NR workgroup might consider contributing to.
- X. **Information or Topics for Future Meetings:** The next meeting is scheduled for April 13, 2021. Suggestions for future meeting topics include time to discuss the inventory gap analysis. Gerardo will give an update on the Xwatershed network project and we will begin talking about the NR annual symposium track for the August conference.
- XI. **Call to the Public:** None
- XII. **Adjourn:** 11:31 am