

**MINUTES OF THE ARIZONA GEOGRAPHIC
INFORMATION COUNCIL
Natural Resources Committee**

A Public meeting of the Arizona Geographic Information Council (AGIC) was convened on Tuesday, April 8th via Google Meet. Present at the meeting were the following members or designees of the AGIC Natural Resources Committee:

Table 1: Committee Voting Members

Member	Agency/Company	In Attendance
Elisabeth vanderLeeuw, Co-chair	Pima County	No
Andy Weflen, Co-chair	Maricopa County	Yes, phone
Karen Fisher, Co-chair	Central Arizona Project	Yes, phone
Aryn Musgrave, Secretary	Desert Botanical Garden	Yes, phone
Robert Davis	Arizona GIS	No
Jami Dennis	Geodetic Analysis	Yes, phone
Jenna Leveille	Sanborn	No
Ben Hickson	Anderson Optimization	No
Tanya Owens	Westland Resources	No
Jatta Sheehy	TerraSystems Southwest	Yes, phone

Table 2: Public at Large

Member	Agency/Company	In Attendance
Cynthia Ritmiller	USGS	Yes, phone
Lucas Murray	ADOT	Yes, phone
Jen Wennerlund	SRP	Yes, phone
Shea Lemar	ASLD	Yes, phone
Shiloh Johnson	Maricopa County ETI	Yes, phone
Keith Larson	USDA-NRCS	Yes, phone
Lissa Klun	ADEQ	Yes, phone
Zach Linaman	BWK Farms	Yes, phone
Andrew Hagglund	Entellus	Yes, phone
Cody Maynard	ADEQ	Yes, phone
Garrett Smith	University of Arizona	Yes, phone
Jim Downey	DFFM	Yes, phone
Jeff Gillan	University of Arizona/Gillan Geospatial LLC	Yes, phone
Gerardo Armendariz	USDA ARS SWRC	Yes, phone
Lissa Klun	ADEQ	Yes, phone
Martin Arvizu	Arizona Cotton Research and Protection Council	Yes, phone
Eileen Baden	Baden Eco and Friends of Daisy Mountain Trails	Yes, phone

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I. **Call to Order:**

Meeting was called to order at 2:03pm; Introductions were made by the committee; ensuring attendance list was managed and quorum established.

II. **Approval of Meeting Minutes:**

A motion to approve February meeting minutes was made by Karen Fisher and seconded by Jami Dennis. There was no discussion and the meeting minutes were unanimously approved.

III. **Announcements:**

Andy Weflen gave a report of the recent announcements. Andy and Andrew Hagglund also gave a reminder about the upcoming Spring Emerging Technologies Event. Karen Fisher highlighted that the NAIP 2023 data is now available and provided the link for attendees. Shea Lemar gave an update on the objectives of the other committees.

IV. **Unofficial Committee Liaison Discussion:**

Karen led a discussion about creating an unofficial liaison group if people are willing to present information from other AGIC meetings that they attend. She asked the group if anyone was willing to be a liaison. Jami Dennis, Andy Weflen, Lucas Murray, Andrew Hagglund, and Cody Maynard offered to participate.

V. **Ideas for Natural Resources Track at AGIC Symposium**

Karen asked the group to participate in a discussion to come up with ideas for the Natural Resources track presentations at the upcoming AGIC Symposium. She gave an example of the work she is doing at CAP regarding water use. Cody Maynard thought the presentations about the use of drones for restoration purposes were interesting last year. Eileen suggested that CAZCA might have work that they might want to share. Several others suggested topics that they are working on or have heard colleagues are working on that might be interesting.

IV. **Pathways for Fire Safety: New River Regional Path (Eileen Baden):**

Eileen discussed the importance of regional trails and paths for emergency management, especially in responding to wildfires. She has been working on a project to develop a New River Regional Path that could be used to help first responders' access remote areas in the north valley. She also talked about the Daisy Mountain/New River Area Plan which is focused on scenic corridors and improving community connectivity.

V. **Hub Site Updates Work Group (Wolfgang Grunberg):**

Jim provided an update on behalf of Wolfgang. He would like some additional support with handling admin privileges for the hub site and other tasks. Gerardo offered to help with updates for the hub site.

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VI. Protected Areas Database Workgroup

Jen Wennerlund discussed where the PAD project left off as their last meeting was last November. She did not have any current updates, but did ask if State Land could provide any assistance with moving the project forward.

VII. USGS Update

USGS Lidar/3DEP Updates:

- AZ_Mohave_D23 has been published.
- AZ_Lower ColoradoTB1_C23 topobathy data of Colorado River starting at Lake Mead all the way to Mexico has been published. Data can be found: https://rockyweb.usgs.gov/vdelivery/Datasets/Staged/Elevation/metadata/AZ_2021_LowerColoradoTB_C23/
- Grand Canyon project is moving along with anticipated acquisition summer 2025.

USGS 3DHP:

- 3DHP Web Feature Service and downloadable data has been released.
 - <https://www.usgs.gov/3d-hydrography-program/access-3dhp-data-products>

Other:

- USGS has user videos <https://www.usgs.gov/programs/national-geospatial-program/tnm-apps-and-viewers-videos>
 - These can also be found on Youtube search “TNM USGS”
 - New video [Lesson 17.2](#) released in March 2025. The newer ones are short more actions and less or no audio.
- Some of our applications and servers have been impacted by recent weather events. Feel free to reach out if you are experiencing issues to TNM_help@usgs.gov or critmiller@usgs.gov

VIII. Future topics:

Andy asked the group to share any interesting topics or presentation ideas to provide content for future meetings.

IX. Adjourn:

The meeting was adjourned at 3:30pm. The next meeting will be held on April 8th, 2025.