**MINUTES OF PUBLIC MEETING OF THE
ARIZONA GEOGRAPHIC INFORMATION COUNCIL
DATA COMMITTEE**

A public meeting of the Arizona Geographic Information Council was convened on April 13, 2022 at 10:05 am on Webex. Present at the meeting were the following members or designees of the AGIC Data Committee:

Table 1: Committee Voting Members

Member	Agency/Company	In Attendance
Howard Ward, Co-Chair	TerraSystems SW	Yes, phone
Jenna Leveille, Co-Chair	AZ State Land Department	Yes, phone
Jack Avis	Pima County	Yes, phone
Kevin Blake	Yavapai County	Yes, phone
Jerome Breyer	GIS Works	No w/o notice
Helen Costello	Coconino County	No w/o notice
Nicole Eiden	AZ Dept of Health Services	Yes, phone
Eric Feldman	Maricopa County	Yes, phone
Bo Guo	Gistic Research	Yes, phone
Ben Hickson	Pima Association of Governments	Yes, phone
Boyd Larkin	AZ Dept of Revenue	Yes, phone
Keith Larson	NRCS	Yes, phone
James Meyer	AZ Department of Transportation	Yes, phone
Jason Nyberg	Quantum Spatial	Yes, phone
Phil Ponce	Engineering Mapping Solutions	Yes, phone
Jill Sherwood	ASU	Yes, phone
Susan Smith	AZ Forestry and Fire Management	Yes, phone
Jamie White	City of Phoenix	Yes, phone
Steve Whitney	Pima County	Yes, phone
Andrew Zaffos	AZ State Geologic Survey	Yes, phone

Table 2: Public Members at Large

Name	Agency/Organization	In attendance
Victoria Adesoba	MakePath	Yes
Brandon Barnett	ASLD	Yes
Ryan Blum	GIS Works Consulting	Yes
Chris Chalmers	Atlantic	Yes
Mark Christiano	USDA USFS	Yes
Brian Colson	SRP	Yes
Drew Decker	USGS	Yes
Sage Donaldson	ADOT	Yes
Kasey Green	ASLD	Yes
Wolfgang Grunberg	DFFM	Yes
Jason Howard	MAG	Yes
Daniel Jones	Census	Yes
Johanna Kraus	NW Fire District	Yes
Shea Lemar	ASU	Yes

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Name	Agency/Organization	In attendance
Seth Lewis	City of Tempe	Yes
Julie Mikolajczk	ADEQ	Yes
Ayan Mitra	ASU	Yes
Mariah Modson	AZ State Land	Yes
David Moss	Sidwell	Yes
Lucas Murray	ADOT	Yes
Veronica Nixon	ADWR	Yes
Natalie O'Dell	MakePath	Yes
Nahide Reynolds	Westland Resources	Yes
Jill Rundall	Coconino County	Yes
Thara Salamone	AZ Demographer's Office	Yes
Eric Shreve	ADOA – 911	Yes
Morgan Temperly	Valley Metro	Yes
David Waltz	ADWR	Yes
Jeff Wolkove	ADOA	Yes

Meeting called to order at 10:03; established a quorum

January Meeting Minutes approved unanimously

I. **Announcements**

Jenna reviewed the following announcements

- AGIC Professional Networking Socials | April 13 @ 5:30 PM| Around the state: Tucson, Flagstaff, Prescott, Mesa, and Phoenix | Flyer

- Federal Funding Roundtable Discussion | April 14 | Virtual | Registration | Flyer

- Lidar, UAS, Natural Resources Workgroup Spring Symposium
   o Hosted by Yavapai College in Prescott
   o Save the date! May 24 & 25 – Presentation Day (25th) is hybrid
   o Registration coming soon! Draft agenda will be coming shortl7
   o Demo will be in person in Chino Valley then remainder of Symposium will move to Prescott.

- AGIC Council Meeting – May 5, 2022 10 AM. Just virtual so far.

- AGIC Education and Training Symposium will in person in Prescott for 2022. August 30-Sept 2, 2022
   o T-shirt design contest
   o Call for Papers

- o Change in pricing & registration
- o Tony Gonzales Scholarship
- o Announcements coming soon
- o Registration opens soon;
- o Template justification letter is available

II. Presentation: *Exploring Open Source Tools for Geo* (Brendan Collins, Co- founder of [MakePath](#))

Brendan described the xarray-spatial suite of libraries, many of them incorporated from other opens source developers. He suggests going to the MakePath blog to get more information. The MakePath Github site can be found at the following link: https://github.com/makepath/xarray-spatial; Jenna will share slide show with meeting attendees.

III. Workgroup activity summaries and action items

Howard reviewed the following summary and called for votes as noted below

- **AZCORS Workgroup** – held first meeting. Brian Fisher (NGS) and Virgil Coxon (ADOT) volunteered to co-chair. Discussed AZCORS history and status as well as NGS opportunities. Next meeting will include a vote on co-chairs, a decision on meeting cadence and a discussion how group may best support a sustainable future for AZCORS network. **No items for Data Committee approval.**

- **Cadastral Workgroup** – has met once since last Data Committee meeting. Finalized Cadastral Workflow document and requested Outreach post to publications page on AGIC website. Drafted 2022-23 workplan which includes contacting cadastral agencies to update questionnaire on parcel availability. **The Cadastral Workgroup requests a motion to approve their 2022-23 Work Plan.** Ben motioned and Jenna seconded; passed unanimously.

- **LiDAR Workgroup** – has met once since last Data Committee meeting. Lexi Fojtik from APS gave a presentation on the use of LiDAR to identify tree hazards along powerlines. Discussed 3DEP BAA awards and potential future projects; discussed changing the name and focus of the workgroup to incorporate a broader scope of 3D geospatial data; discussed and encouraged collaboration for remaining LiDAR gaps; collaborating with the UAS, and Natural Resources Workgroups to organize a Spring Symposium hosted by Yavapai College; reviewed accomplishments discussed 2022-23 workplan. **Workplan will be finalized at May meeting.**

- **Natural Resources Workgroup** – has met once since last Data Committee meeting. Several smaller workgroups are working on NRWG goals. Work includes planning a Spring Symposium with UAS and LiDAR working groups to be held May 24 and 35th at Yavapai College; reviewing CAZA Greenprint tool, expanding

presence on AZGEO; developing a workflow for sustaining the Arizona Protected Areas Database; working on NHD pilot project; and finalizing 2022-23 workplan. **The Natural Resource Workgroup requests a motion to approve their 2022/3 Work Plan.** Jenna motioned; Jim Meyer seconded; passed unanimously.

- **SPCS2022 Workgroup** - The SPCS2022 Workgroup has not met since March 10, 2021. The group will reconvene when NGS comments on Arizona SPCS2022 deigns. **No items for Data Committee approval.**

- **Unmanned Aerial Systems (UAS)** – this group meets on the first Wednesday of each month. Recent activity includes planning a Spring Symposium with NRWG and LiDAR working groups to be held May 24 and 35th at Yavapai College; approving Green Drone to lead their K-12 Outreach efforts; continuing to maintain and develop content for AZGEO; and completing their 2022-23 Workplan. **UAS Workgroup requests a motion to approve their 2022/3 Work Plan.** Bo motioned; Ben seconded; passed unanimously.
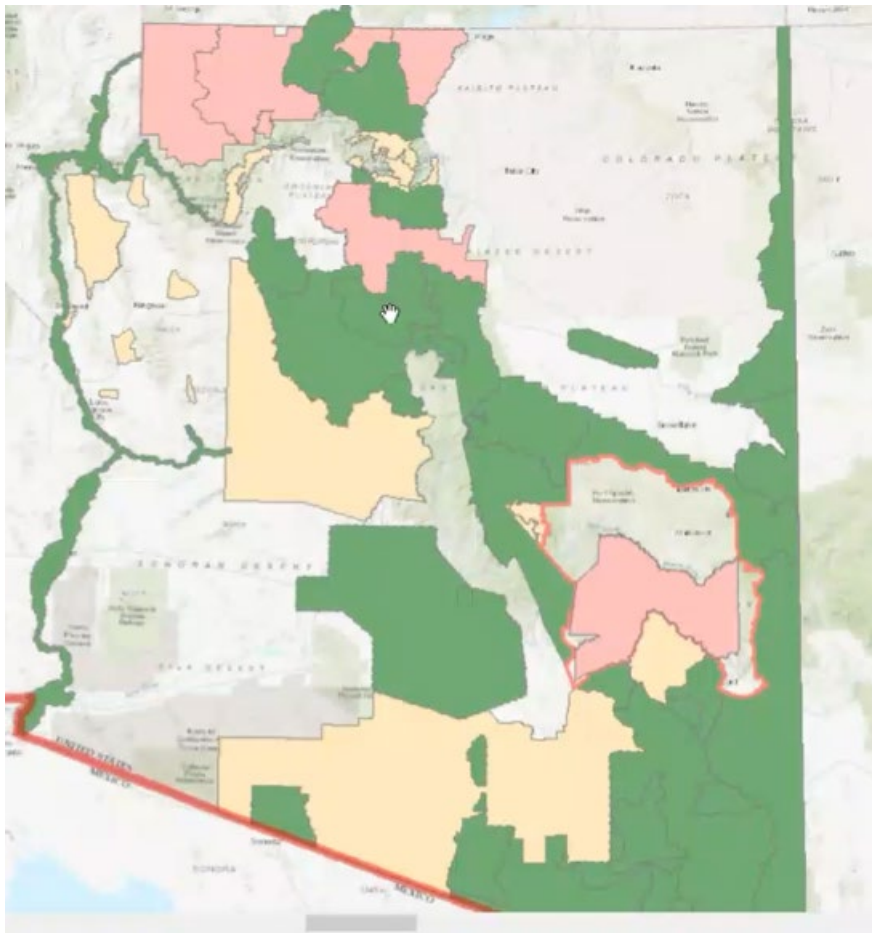
IV. Statewide/Regional Data

- 911 Office Update – Eric Shreve noted that the 911 Committee met last Thursday. Discussed goals and objectives. The state is in the middle of migration to NextGen 9-1-1. Benefit is geospatial routing for emergency calls which requires standardized data for point in poly query; 15 local providers are or will be using the 1Spatial tool to validate data and aggregate to statewide authoritative data repository in NENA schema; This platform uses change detection to aggregate data more quickly; this is being tested with Pinal and Mohave counties' participation and data. The platform will also support NAD in more automated fashion and also create statewide address locators. Parcels are hot topic; had intention to request legislative mandate for sharing of statewide parcels and work through appropriate channels to stakeholders; not successful this current legislative session; will resubmit for next session 22-23; Eric will be working with cadastral group to identify opportunities for improving the dataset. No standardized attributes yet; NSGIC has an ongoing process that may help with this.

- Evacuation Data (Morgana Laurie) - AZDEMA. Morgana Laurie discussed their new initiative to aggregate and standardize evacuation routes/plans. She presented a [Storymap](#). This project will build on the Ready, Set Go program by bringing in the data from local providers in a standard way; the success will depend on the participation of locals and incident commanders; She reviewed lessons learned from past disasters and noted that the project will follow best practices from other emergency offices around the country. The application will be hosted on AZGEO and will use and FME workbench application provided by California. AZDDEMA requests help of this group to standardize the schema, content and to test FME workspace. Bo Guo volunteered to help with FME processes; Yavapai, Coconino and Pinal counties have expressed willingness to help test. Jenna: will reach out to various groups and persons in AGIC to help develop schema. Jeff

Wolkove mentioned lack of real time status of evacuation routes was problem in Boulder CO fire. Morgan noted their intention is to start with zones and then expand to routes.

- NAIP Update - Keith Larson noted that the latest NAIP was collected in the Fall instead of early summer; so still waiting for source data. County compressed mosaics are available and Jenna can send links to compressed mosaics on request; Geotiffs and image service will go up on AZGEO when ready. USFS did higher resolution in fire areas and these are already available on AZGEO. Just search "USFS Region 3" and filter on imagery.

3DEP/3D Nation Study Updates - Drew Decker shared his screen and reviewed the various areas and their status in the map below. Green is done; tan is in-progress and pink is planned.

Jenna noted that the Maricopa and Pinal urban area 3DEP is available as an 8 TB point cloud. The State is working on a bare earth DEM.

V. 2022/3 Work Plan Review and Approval

- Draft Strategic and Business Direction Document - Jenna reviewed this Council document and reminded DC members that our new work plan was developed in light of the strategic direction in this document. She noted that once approved, it will go on website and be more widely available.

- Draft 2022/3 Work Plan Review & Vote – Jenna noted that the Data Committee mission remains the same as the previous year's plan, and she reviewed its main points. Jenna noted that anyone can ask Jenna for change in membership status; Public at large must have attended one of three previous meetings; She opened the plan up for discussion. Ben motioned and Nikki seconded; the plan was approved unanimously .

VI. July meeting rescheduling

- Jenna noted our next meeting conflicts with Esri UC. She suggested to push back one or two weeks. Eric preferred two weeks out due to catching up from Esri attendance that first week back.

VII. Information or Topics for Future Meetings: none were suggested.

The meeting adjourned at 11:44 p.m.