

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

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A public meeting of the Arizona Geographic Information Council was convened on October 14, 2020 at 10:03 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	Yes, phone
Helen Costello	Coconino County	No, without notice
Nicole Eiden	AZ Dept of Health Services	Yes, phone
Eric Feldman	Maricopa County	Yes, phone
Brian Fisher	AZ Geodetic Advisor	No, without notice
Bo Guo	Gistic Research	No, with notice
Ben Hickson	Pima Association of Governments	Yes, phone
Boyd Larkin	AZ Dept of Revenue	Yes, phone
Keith Larson	NRCS	Yes, phone
Sara Lucas	Gila River Indian Community	Yes, phone
James Meyer	AZ Department of Transportation	Yes, phone
Jason Nyberg	Quantum Spatial	Yes, phone
Phil Ponce	Engineering Mapping Solutions	Yes, phone
Jason Ramsey	APS	No, without notice
Jill Sherwood	ASU	Yes, phone
Susan Smith	AZ Forestry and Fire Management	Yes, phone
Leslie Stovall	Gila River Indian Community	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

Member	Agency/Company	In Attendance
Mark Christiano	US Forest Service	Yes
Brian Colson	Salt River Project	Yes
Kim Denney	Atlantic	Yes
Sage Donaldson	AZ Department of Transportation	Yes
Wolfgang Grunberg	DFFM	Yes
Jeremy Johnson	Matrix New World	Yes
Chuck Powell	Westland Resources	Yes
David Waltz	AZ Department of Water Resources	Yes
Jeff Wolkove	AZ Department of Administration	Yes

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- I. **Call to order:** Meeting was called to order at 10:03 a.m.
- II. **Approval of April Meeting minutes:** A motion to approve the July 2020 Data Committee meeting minutes was made by Steve Whitney and seconded by Nicole Eiden. The minutes were approved unanimously.
- III. **AGIC Education & Training Symposium Update:** Steve Whitney reminded all that the conference will be virtual this year and take place during the week of Oct. 19-23. There is still time to register right up to and during the conference; Jack Dangermond, founder of Esri will be the keynote. There are 450 registered so far. There is still some room in at least some of the workshops. You must be registered to access content.
- IV. **AZGeo Demo:** Jenna reported that AZGEO went live July 1st.and gave a brief tour and explanation of the various links. She noted that the AGIC page will be linked from here too. Phil Ponce asked about the status of data from the old site: Jenna noted that all data that ASLD deemed pertinent is on the new AZGEO but that there are full backups so she can restore any other data if needed. Nicole Eiden asked how to contribute data: you can go on the site and request a contributor account or email azgeo@azland.gov.
- V. **Statewide Data Discussion:** Howard Ward reported that the DPS map data (which is the statewide append of address points, roads, emergency service boundaries, and community boundaries) is now complete (as of August) and new address locators are complete. Data and locators are accessible to AZGEO 9-1-1 Public Safety group members, a membership that is vetted by the Arizona 9-1-1 Office. Joe Breyer noted that the ADOT statewide road network is also available from AZGEO. The next statewide append is planned for November.
- VI. **AZGEO Advisory Committee Data Representative:** Jenna report that at the August AGIC Council Meeting, the WG recommended the formation of an Advisory Committee to meet (likely quarterly) and advise the AZGEO Curator (Kasey Green) from an AGIC perspective on any challenges or questions he may have on managing AZGeo. This Committee would be unusual in that its voting members would be limited to one representative from the Arizona State Land Department, one from the Data Committee, One from the Outreach Committee and both the AGIC Chair and Vice Chair. This structure is designed to make decision making nimbler and reduce the issues with quorum. Jenna requested and Howard Ward agreed to volunteer for the Data Committee slot. Jenna called for a vote of approval: Jim Meyer made a motion, Steve Whitney seconded and it was passed unanimously.

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VII. NSGIC Update:

- **AZGeo Geospatial Award** – Jenna noted that AZGEO won the NSGIC Catalyst Award for Geospatial Excellence at its annual mtg few weeks ago.
- **Census DP Update and Discussion** – Jenna presented this issue at the NSGIC Conference. The Census Bureau is going through iterations to make the output of their virtual privacy algorithm more accurate. They recently released a new data set based on 2010 data products so comparison can be made. Our Arizona State Demographer reviewed it and found that the errors just shifted and not improved. This seems to be the consensus of most State Demographers attending the NSGIC meeting. Arizona Data Center will be meeting to discuss this issue soon.
- **National Address Database (NAD) Update** – Jim Meyer reports that the NAD program has been funded by the National Highway and Transportation Safety Agency (NHTSA) for another calendar year (2021). USDOT will continue to process that product. Most states are now participating. The standard for NAD is still under debate: NSGIC reps and USDOT Program Manager are in favor of the National Emergency Number Association (NENA) standard; The Census and the Federal Geographic Data Committee (FGDC) are in favor of the FGDC standard. Jim noted that the consensus in Arizona is for NENA and he will continue to advocate for that standard.

VIII. 2021 Work Plan Discussion: Jenna asked DC members to review and come to January meeting prepared to discuss updates for the 2021 edition of our Work Plan. DC approved a January 13 date for that meeting and Jenna will send out announcement. DC also expressed unanimous approval for new quarterly (vs bi-monthly) meeting schedule and timing of meeting just before Council meeting. Jenna briefly reviewed the 2020 workplan and noted that, except for a few missed presentations in July, we did a really good job. She also noted that the Data Management WG successfully completed its work and sunset in July.

IX. NAIP Update: Keith Larson reported that the 2019 data has been delivered to State Lands. AZ is not scheduled for 2020, and there has been a decrease in funding for the program, so 11 of the states that were scheduled for 2020 have been pushed back to 2021. Due to this, it looks like AZ may not get flown again until 2022. Keith noted that the 4-band, 0.6-meter product is now standard with no need to negotiate upgrades with the vendors. Jenna noted that service is now available on AZGEO and that anyone that needs the GeoTIFF's can download them from a Google Drive. Steve Whitney has posted a document on the procedure he used to successfully download the data for Pima County.

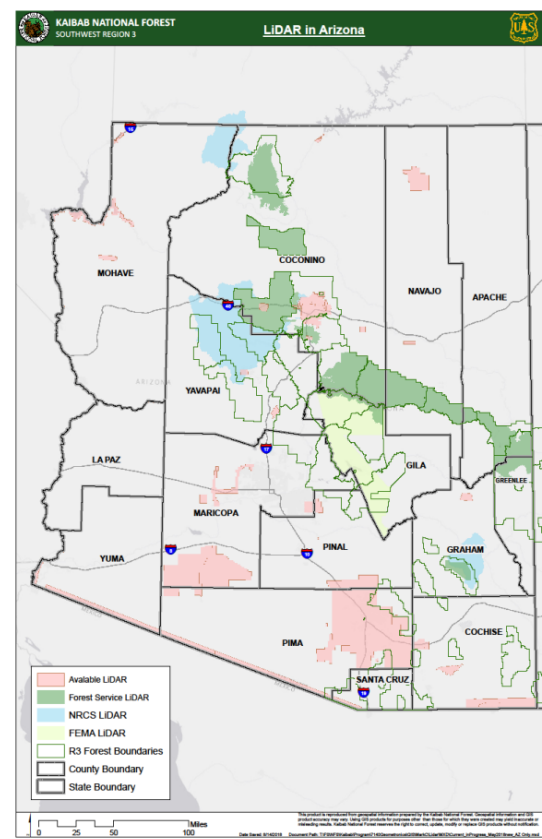
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Download in small chunks is the key concept here.

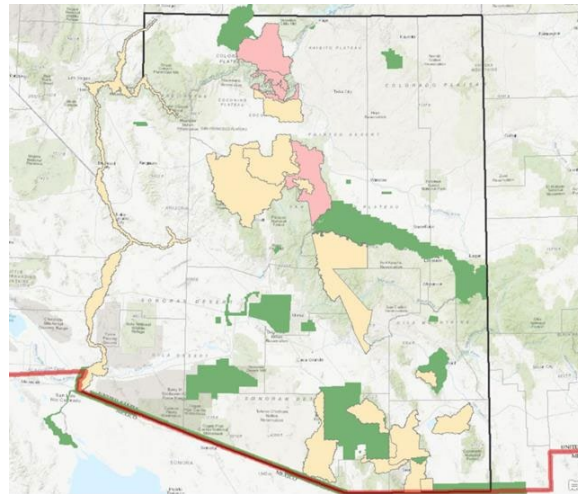
- X. **LiDAR WG Update:** Mark Christiano reported that BAA applications for 2021 are due by Nov 13 2020. He encourages participation Marked shared three images below that showing progress in coverage across the State each year since 2018. He noted the really rapid progress in coverage over the last 4 years and attributed some of that to the work of the LiDAR WG in promoting this process. Statewide LiDAR Plan is aiming for complete coverage by 2023 which means next year will likely be pretty busy. Mark discussed the hope that an extension may be forthcoming when the program ends in 2023 and that hopefully this LiDAR program will turn into annual NAIP-like program. He shared the BAA website

https://www.usgs.gov/core-science-systems/ngp/3dep/fy2021-usgs-broad-agency-announcement-baa?qt-science_support_page_related_con=0#qt-science_support_page_related_con

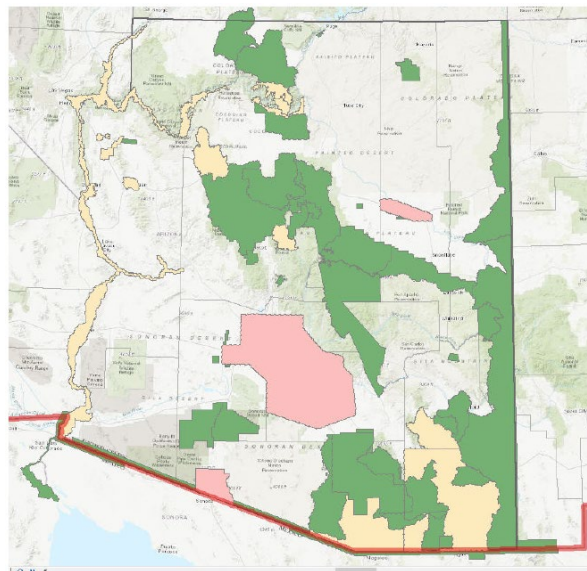
Mark noted that the LiDAR WG was hosting two sessions at AGIC next week.



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April 29th 2019



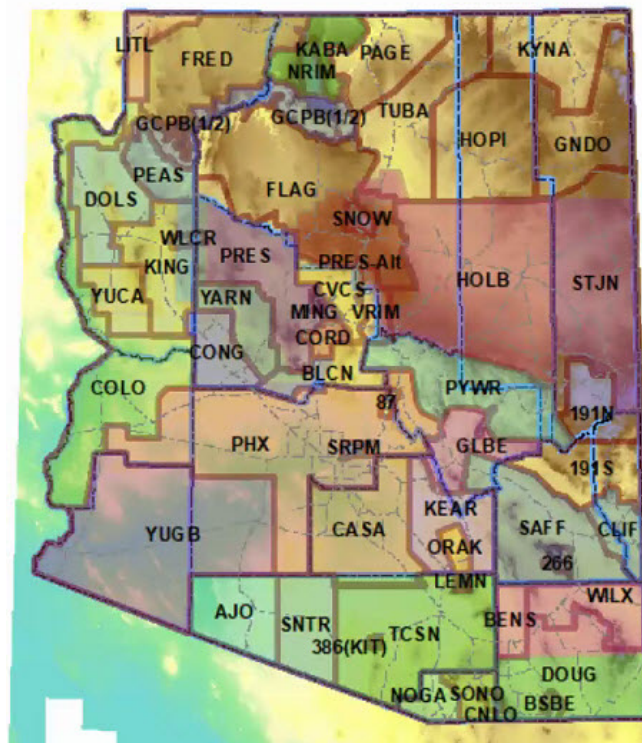
2020

- XI. UAS WG Update:** Chuck Powell reported a busy summer including the WG's first virtual event: Maricopa County FCD provided drone data from one of their dams and links to software the participants use to post process their data. Post processing discussion and examples of how to process the data were included. There were 66 participants in the first session and 45 in the second. Jenna noted that Debby Crouse stepped down as co-chair and Kasey Green stepped up. Kasey has a passion of UAS and will be a valuable person to assist the WG. The WG has two special interest sessions at AGIC this year.
- XII. Natural Resources WG Update:** Jeremy Johnson reported that the WG has two blocks at the upcoming AGIC Conference, including three speakers and a panel discussion. The WG has been progressing with their pilot project: Two HUC-8 areas in the southeast portion of the State. The goal is to learn how best to update the National Hydrography Dataset. To that end, a small subgroup has been formed to look at

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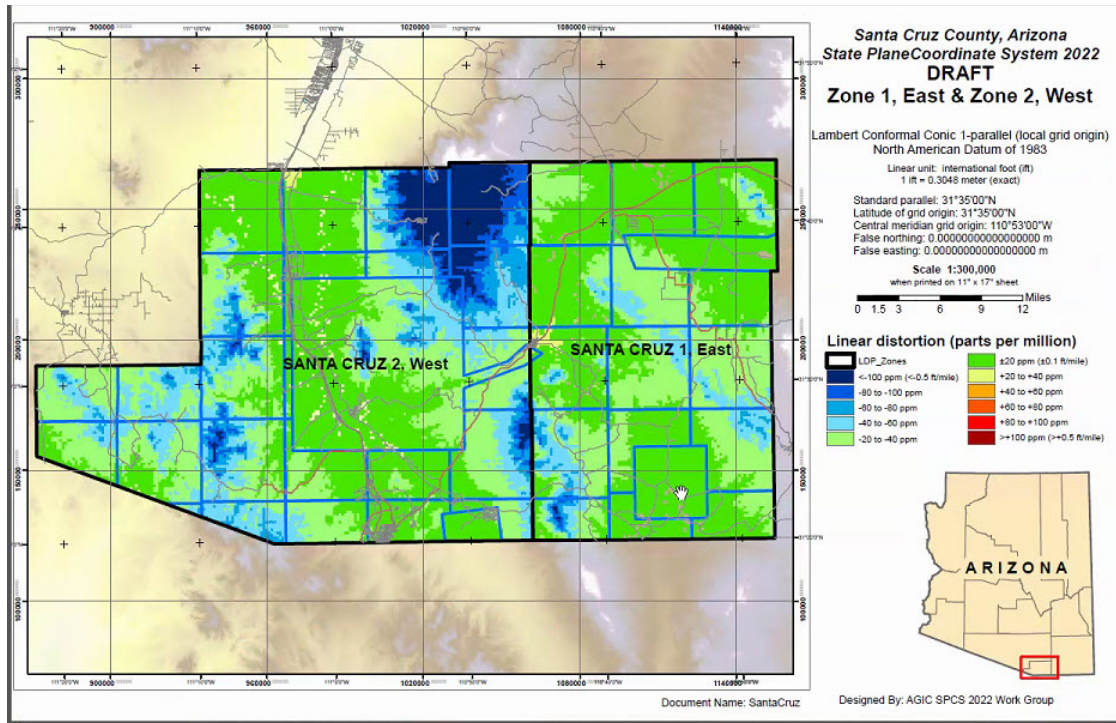
smaller areas, how to blend various data sources and how best to update the NHD. They will be working with Drew Decker on that update. The WG will host a workshop in December to review the University of Arizona DroughtView software and will continue work on the 2021 work plan in their December meeting.

- XIII. SPCS2022 Update:** Jack Avis shared two maps (below) and reported lots of progress over the summer: The first map shows over 40 State Plane Zones, designed considering terrain, topography and ADOT roadways. They reached out to a number of stakeholders, including eight meetings held mostly with representatives of metro areas. They consulted with ADOT as well. They are now finalizing the designs and cleaning up some minor gaps and overlaps in boundaries. The second map is an example of a County level map (Santa Cruz County) showing areas by level of distortion. The WG will have a session at the AGIC Conference with Michael Dennis, including discussion of the products that will be available at the end of this design process. Responding to a question, Jack noted that there would be a single statewide zone available in addition to the 40+ local zones. All of these should be made available and likely appear in various vendor software when complete. Jack noted that this will be a several year project, but significant progress has already been made.



Proposed 40 Zones

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Santa Cruz County Distortion Map Example

- XIV. Cadastral WG Update:** Jack noted that a meeting would soon be scheduled to discuss the goals for this Work Group, including publishing information about cadastral systems in each County and how to access.
- XV. Information or Topics for Future Meetings:**
- Next meeting – Jan 13 2020
 - Finalize DC Work Plan
 - Discuss LiDAR BAA application submittals
- XVI. Adjourn:** Meeting adjourned at 11:08 a.m.