

**MINUTES OF THE
ARIZONA GEOGRAPHIC INFORMATION COUNCIL
Arizona Evacuations Workgroup**

A Public meeting of the Arizona Geographic Information Council (AGIC) was convened on Thursday, February 16, 2023 at 10am virtual call-in only. Present at the meeting were the following members or designees of the AGIC Public Safety Committee – Arizona Evacuations Workgroup:

Ashley Ahlquist – Yavapai County Emergency Management
Brian Bond – Yavapai County GIS
Brian Brady – Gistic Research
Brooke Serpa – AZ Dept of Administration
Dave Roby – AZ Department of Emergency and Military Affairs
George Burger – City of Maricopa Emergency Management
Jim Johansen – Maricopa County Sheriff’s Office
Jon Jones - Yavapai County Emergency Management
Margo Neff – Coconino County GIS
Morgana Laurie – AZ Department of Emergency and Military Affairs
Paul Rosevear – AZ Department of Emergency and Military Affairs
Sarah Hess – Pinal County GIS
Wes Dison - Coconino County Emergency Management
Eric Shreve - AZ Dept of Administration

I. Call to Order and Introductions:

Meeting was called to order at 10:00 AM. Introductions were made and quorum was established.

II. Approval of Meeting Minutes from January 2023

Approval was motioned by Sarah Hess and seconded by Brian Bond. No additional discussion on meeting minutes.

III. Workgroup co-chair and meeting schedule

Brian Bond will run the April 20, 2023 meeting since Morgana Laurie will be on vacation.

IV. Report out of concurrent evacuation planning efforts from emergency managers and real world example from Tucson HAZMAT situation:

Ashley Ahlquist – at the last Sedona evacuations planning community meeting Lt Johnson of YCSO announced that Yavapai would be doing evacuation zone pre-planning. This is a welcome turnaround from previous communication and Yavapai EM will continue to further the conversation.

Wes Dison – Sedona planning is going well and on schedule, data is gathered and a 110 page traffic study report is currently under review. In Coconino County, they have identified 171 WUI interface evacuation zones and this effort has good buy-in from USFS and visiting IMTs. Some significant research being done based on Sedona as to actual authority for evacuations – the County Sheriff is not necessarily the authority within municipalities, so the county attorneys for Coconino and Yavapai are investigating for clarity. Question is if Sedona has delegated authority believing that it's with YCSO and CCSO, we now understand that within incorporated cities the city has the jurisdiction. This has implications for the Ready, Set, Go! Program contract as well.

Wes Dison and Margo Neff – demonstrated the working version of the Evacuation Zone map for Coconino county, an impressive and thorough effort ongoing and they are hoping to have live within a month or two. QR codes and PDF prints are part of the available information for each zone to cover all possible use cases including vacation rentals, elderly residents, etc. Pre-planning information also includes the zone name, jurisdiction, and information from Census profile. It will be the same feature service that Coconino has used in the past and so can easily be linked and data pulled into statewide aggregation.

v. Status update on attribute rule development

Most of the fields will not need attribute rules, and those that are complicated are probably better done in FME. The DURATION field was agreed to be split into DURATION_HOURS and DURATION_DAYS, to be calculated in FME.

Over the next month, any remaining attribute rules will be identified and written, mainly just auto-filling the GIS editing date-time fields and edited by field.

vi. FME Workbench

Brooke Serpa – Brought up topology rules as they relate to the overlap of jurisdictions – we will need to establish a hierarchy in case of conflicting or overlapping polygons. Looking to Sedona for examples of how not to step over jurisdictional boundaries. Morgana Laurie – will reach out to CalOES to present to the group sometime in the next few months to give us insight into any evolving challenges they have had with their workflow.

VII. Discussion of Ready, Set, Go! color schemes

DEMA met with their Public Information Officer Judy Kioski and representatives from the Statewide Independent Living Council in January to gather feedback on how to improve accessibility and public understanding of evacuation zone maps. It was agreed that the red-green color scheme is confusing (since red = danger in most people's minds) and that it will be important to test evacuation zone maps using screen readers. Another best practice for symbology is to label the zone based on Status so that a screen reader can pick up on it, and also for at-a-glance understanding for those unfamiliar with Ready Set Go and reduces the need to refer to a legend. Conversations will be ongoing as to how to work through the current IAFC color scheme challenges. IAFC is aware of the issue with GIS mapping. Further discussion is ongoing and will look at other Ready Set Go participant states to see how they handle the color scheme issue.

VIII. Action Items and Future Meeting Topics

Members will continue to work on the attribute rules, as well as look thoroughly at the CalOES FME example. We will seek to bring in a representative from CalOES in the next few months to share the status of their workflow, offer best practices and any challenges they have faced since speaking with them in 2021.

The next meeting will be held on Thursday, March 16, 2023 at 10am.

IX. Adjourn

The meeting was adjourned at 10:56 am.