

Building Enhanced Situational Awareness and Public Data Dissemination into Yavapai County's Flood Detection Program

The Yavapai County Flood Control District has embarked on an ambitious program to bring a higher level of situational awareness to a diverse community of flood emergency responders in and around Yavapai County. This effort includes reinforcing the county's existing ALERT flood detection system base station server capabilities and leveraging existing in-house GIS resources to provide greater situational awareness and overall system performance and reliability necessary for the growing challenges of predicting and responding effectively to flood related emergencies. This presentation will include a discussion of overcoming the technical challenges of integrating diverse live and static datasets, including river forecast and attendant inundation boundaries, and a live demonstration of the final product.

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