

## Cooperating Technical Partners – ASFPM CTP subcommittee Monthly Call – Sept 9, 2024

Attendees: Alan Lulloff, Joanna Rohlf, Dave Guignet and Brooke Seymour.

### CTP webinars

A webinar on the Technical Mapping Advisory Council is scheduled for September 12<sup>th</sup>. The Technical Mapping Advisory Council recommendations. The recommendations include mapping a flood hazard data layer that includes future conditions which include potential development in the watershed, increased rainfall intensity due to climate change and floodway surcharge.

Regarding a webinar for the October timeframe, an option suggested on a previous call was dam inundation mapping. MD has developed a web application for viewing dam break inundation maps. It is on a different tab than their SFHA application with their engineering models (similar to CRAB) since it is non-regulatory. Dave indicated that a hazard mitigation grant was the funding source for developing the inundation mapping using DSS-Wise.

California also has a website that provides information on dam inundation mapping.

In addition, Meg Galloway formerly the Dam Safety Engineer with WI DNR and now with ASFPM. WI has state legislation that requires dams to be classified a high hazard dam unless there is zoning downstream to prevent development in the dam inundation zone. WI has a website that includes dams on a stream data layer.

Note: This webinar has now been scheduled for November 6<sup>th</sup>. The webinar will include discussion on hazard creep, the MD website and the CA website.

Another option is a potential ASFPM CTP Webinar to provide updates on the NOAA's effort to modernize and update precipitation data (PF and PMP). It is unclear whether NOAA will be ready for the Oct to December timeframe. NOAA has recently indicated that this could be presented in the January/February timeframe.

### **From previous calls options for webinars:**

New enhancements to HEC-RAS. HEC presented at the M&ES committee meeting on the new tools being developed for HEC-

Real time weather. The National Weather Service has developed some new tools. Useful for emergency preparedness. It would be useful to understand how it can be used.

Joanna has suggested on a previous call that a webinar on environmental hazards associated with flooding could be considered. They had a spill in which barriers were put up to contain it.

Note from a previous call – [2D modeling and 2D floodways received high marks from the questionnaire sent out and the poll posted at the CTP Community of Practice meeting. One issue on floodways being discussed is whether floodways on existing mapping can be removed when new mapping is developed. Brooke highlighted that without floodways there are no evaluation lines. Without evaluation lines it is difficult to do a no-rise analysis.

Brooke also indicated that Brian Koper has come up with examples of where you can remove a floodway. Floodways are problematic on bifurcated streams with multiple flow paths. Brooke

highlighted that floodways are also problematic in an urban setting where flow paths can split and flow along streets.

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