

Cooperating Technical Partners – ASFPM CTP subcommittee Monthly Call – Jan 13, 2025

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

Items in italics are from past meetings.

CTP webinars

A webinar on NOAA Atlas 15 update and Probable Maximum Precipitation was held on Jan 7, 2025. TMACs recommendations related to future conditions was also included. Brooke reached out to TMAC and Doug Bellomo and Jeff Sparrow presented on the TMAC recommendations.

Other webinar options for after March 2025: [items in italics are comments from previous calls.]

Hydrology is a component of H&H modeling that has significant uncertainty. There has been some discussion recently on steady vs. unsteady flow modeling. Michigan had raised some concerns about a FEMA plan to use unsteady flow modeling on some streams in Michigan due to correlation to existing state regulations. We discussed that if we are going to do a webinar on this topic that should be at the basic level. We would like to have a call prior to the webinar to go over the content to confirm that it is at the appropriate level. Mark Forest is a potential speaker. Laura indicated that Andy Bonner and Dave Rosa are also potential speakers.

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.

[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.

On a previous call Brooke had 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.

Laura indicated that this topic is not yet ready.

Downscaling Regional Climate Change Precipitation Projects

Kansas is developing a tool to incorporate future conditions related to precipitation. Joanna was unsure that this would be ready for the March – May timeframe.

Laura indicated that North Carolina has recently published some FIRMs. While the FIRMs do not include future conditions, the state has posted some data on their website that provides information on future conditions. Tom Langan (tomlangan@ncdps.gov) is a contact.

Helene caused significant impacts in western North Carolina.

Environmental hazards associated with flooding

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.

Maryland developed some guidance some time ago related to anchoring residential fuel oil tanks.

Brooke indicated that a fire going through a neighborhood in the Denver caused some water quality issues.

The location of septic systems is something some states have developed guidance and/or regulations on. Providing some best practices would be a good approach.

Alan will do some checking to see if there is a contact at EPA that could provide some information on contamination issues associated with flood events.

CTP conversation in New Orleans

The CTP Conversation is listed in the program. Having the CTP Conversation from 3-5 pm is problematic in that from 4 to 5 it conflicts with the ASFPM general meeting. Brooke is a co-chair of the M&ES committee. Committee co-chairs are supposed to attend the membership meeting. Marie has been covering this in the past. Now that Brooke is serving on the ASFPM Board, she will need to attend the general membership meeting. It has been placed in the program at this time to avoid conflict with the policy committee meetings held on Monday.

We will work to ensure that the meeting room is set up as auditorium seating. The room setups will be worked on in March.

Joanna is working on potential sites for the CTP social. Having the event on Tuesday evening went well in St. Lake City. Having it on Tuesday seemed to keep the focus on CTPs but did limit some attendance due to other events going on that evening. If some venues are unavailable on Tuesday – Monday is also an option.

CTP subcommittee Co-chair

We discussed finding a replacement for Dave since he is retiring in July. We could ask for volunteers at the CTP conversation.

AL 1/31/2025