



## MEETING HIGHLIGHTS

The DRBC Flood Advisory Committee meeting, chaired by David Williams was held on June 19, 2013 at the DRBC offices in West Trenton, New Jersey.

### Action Items:

- Request that USACE or USGS provide information about the coordination meeting/conference for the Coastal Inundation Modeling related to the Delaware Inundation Forecast System (DIFS). There seem to be multiple models and approaches being developed by ACE, NOAA and USGS.
- Request that Nature/Nurture report their results to date from the social science study of public reaction to flood warning products.
- Request presentation on IWRSS.
- Prepare for nomination of vice-chair (state/local)

### Discussion:

- The Meeting Highlights from February 27, 2013 were approved.
- At the next meeting, a new vice-chair will need to be nominated for next year.
- ENSO-neutral conditions will continue into the winter of 2013-14, indicating the likelihood for an active hurricane season. Above normal temperatures and near normal precipitation are expected through the summer and fall. NWS noted changes to hurricane watch/warning products and the improved ability to forecast the likely hurricane path (cone) with decreased uncertainty. Surge inundation graphics may be available later this season. An example was distributed at the meeting.
- S. Eberhach of Baker presented "*The Impact of Climate Change and Population Growth on the National Flood Insurance Program.*" The study was conducted to estimate the impacts to the flood hazard area and flood elevations based on climate change and sea level rise. By 2100, up to 45 percent national average increase in flood hazard area. NFIP policies may increase by 80 to 100 percent. Wide national variation anticipated. The project report can be found here:  
[http://www.aecom.com/deployedfiles/Internet/News/Sustainability/FEMA%20Climate%20Change%20Report/Climate\\_Change\\_Report\\_AECOM\\_2013-06-11.pdf](http://www.aecom.com/deployedfiles/Internet/News/Sustainability/FEMA%20Climate%20Change%20Report/Climate_Change_Report_AECOM_2013-06-11.pdf)
- USGS and NWS reported on the status of the Delaware Inundation Forecast System (DIFS). The Chesapeake Inundation Prediction System (CIPS) was developed by a public/private partnership and only funded for proof-of-concept development for emergency management, not incorporation into operations at this time. NWS did not incorporate it due to proprietary model constraints. NWS has short and long range plans to improve their storm surge modeling and will have capabilities similar to CIPS in the next few years. A prototype probabilistic storage surge high-resolution graphic is under development for the 2014 hurricane season. It was noted that USACE, NOAA, USGS and the CIPs team were meeting later this month to discuss all of the agencies' approaches to storm surge modeling for the region and identify opportunities for collaboration.
- The USGS indicated that only three gages in the basin were discontinued and none are currently threatened or endangered. It was noted that the PORTS gages were funded this year, but they may still be in future jeopardy.
- Comments to the flood management plan outline were incorporated and the revised outline was presented to the Commissioners in May 2013. **DRBC is currently awaiting the Commissioners' comments.** No funding or staff resources are available for the development of the plan at this time.
- No comments were made during the Public Dialogue.

**Next Meeting:** October 2, 2013

**Attendees:** D. Cappecci (PPL); A. Gaul (PADEP), C. Gould (NJDEP); J. Metrick (NRCS-PA); J. Miller (USACE); T. Murphy (NYCDEP); D. Olivio (NYCDEP); R. Reiser (USGS-NJ); M. Roland (USGS-PA); J. Ruggeri (NJDEP); C. Rupert (DRBC); J. Scordato (NJDEP); A. Shallcross (DRBC); T. Suro (USGS-NJ); G. Szatkowski (NWS); R. Tudor (DRBC); G. Westfall (NRCS-NJ); K. White (USGS-PA); D. Williams (PEMA); P. Wnek (NWS); R. Watson (Hamilton, NJ); M. Van Rossum (DRN), K. Dunn (Dewberry); R. Molzahn (WRA); A. Miller (NJOHSP); C. Wenger (Baker); S. Eberbach (Baker); C. Smith (Bergmann).

A recording of the meeting is available at DRBC's offices for listening. All meeting materials posted on DRBC.net