

**DELAWARE RIVER BASIN COMMISSION
FLOOD ADVISORY COMMITTEE
MEETING HIGHLIGHTS
December 3, 2014**

The DRBC Flood Advisory Committee meeting, chaired by Gary Szatkowski, NWS Mount Holly, was held on December 3, 2014 at the DRBC offices in West Trenton, New Jersey.

Action Items:

1. The 2015 Chair, Joseph Ruggeri, NJDEP will assume his role at the March meeting. The Vice Chair (federal member) to be nominated at March meeting.
2. FAC members should express support to DRBC staff for basin-wide crosswalk/CRS tool identifying floodplain ordinances of higher standards. This would be a voluntary tool for local communities.
3. DRBC staff to contact DRJTBC regarding Ice Jam communication Standard Operation of Procedure (SOP). Patti Wnek is retiring January 2015, Peter Ahnert to replace on SOP.

Discussion Items:

- NWS Probabilistic Snowfall Products: Communicating Uncertainty to Improve Decision Making <http://www.weather.gov/phi/winter>
 - Three new products available for the 2014-2015 winter:
 - i. Minimum (10th percentile)/ Most Likely / Maximum Snow (90% percentile)
 - ii. Chance that Snow Will Be Greater Than a Specific Depth
 - iii. Probability of Ranges Table (several locations per County)
 - Warning Coordination Meteorologist Joe Miketta discusses these products here: https://www.youtube.com/watch?v=DzpN_vtCwts
- AHPS Phase X updates implemented in 2014:
 - zoom-able ESRI Interface, mousing over a site will display its associated hydrograph
 - long-range river flood risk data now available in shapefile and kmz formats
 - a list of recent crests will now appear between historical crests and low water records
 - maximum forecast flood category shapefiles and kmz files now available to be downloaded for all available time increments
 - users can identify sites that are near or above flood stage or at or below their low water threshold by legend
- AHPS Phase X updates to be implemented in 2015:
 - users can identify sites that are near or above flood stage or at or below their low water threshold by dropdown menu
 - users can identify sites that are data points, forecast points, and probabilistic points
 - convert Flood Inundation Maps to take advantage of MapServer
- Flood Risk and Uncertainty, Assessing the National Weather Service's Flood Forecast and Warning Tools, Rachel Carr, Nurture Nature Center
 - Facilitated 8 focus groups to look at decision-making during extreme weather events.
 - NWS flood forecast and warning tools offer tremendous amounts of timely, accurate data. But, people often don't respond the way they should to protect life and property.
 - Participants gave feedback on timing of products, graphic design and visual clarity, ways the products motivated action and how they share the information with others
 - Project details and research bibliography on social science related to flooding: Socialscience.Focusonfloods.org

Next Meeting: Tuesday, March 31, 2015

**FLOOD ADVISORY COMMITTEE
MEETING ATTENDANCE**

December 3, 2014

NAME	AGENCY
BURD, David	Local Emergency Management: Lambertville, NJ
CARR, Rachel	Nurture Nature Center (NNC)
KRUZDLO, Ray	National Weather Service (NWS), Mount Holly WFO
LIAGHAT, Hoss	Pennsylvania Department of Environmental Protection (PADEP)
MILLER, Jason	United States Army Corps of Engineers (USACE), Philadelphia District
REISER, Robert	United States Geological Survey (USGS) – NJ
RUGGERI, Joseph	New Jersey Department of Environmental Protection (NJDEP)
RUPERT, Clarke	Delaware River Basin Commission (DRBC)
SCORDATO, John	New Jersey Department of Environmental Protection (NJDEP)
SHALLCROSS, Amy	Delaware River Basin Commission (DRBC)
SURO, Tom	United States Geological Survey (USGS) – NJ
SZATKOWSKI, Gary	National Weather Service (NWS), Mount Holly WFO
TESSIERI, Laura	Delaware River Basin Commission (DRBC)
van ROSSUM, Maya	Delaware Riverkeeper
WHITE, Kirk	United States Geological Survey (USGS) – PA
WILLIAMS, David	Pennsylvania Emergency Management Agency (PEMA)
WNEK, Patti	National Weather Service (NWS), Middle Atlantic River Forecast Office