

# 2016 Hampton Roads Water Symposium

September 20, 2016

HRPDC Boardroom  
723 Woodlake Drive, Chesapeake, VA

8:00 – 8:30 AM – **Registration** – Lobby – HRPDC Boardroom, Chesapeake, VA

8:30 – 8:45 AM – **Welcome** – [Kurt McCoy](#), Hydrologist, USGS and  
[Whitney Katchmark](#), HRPDC

## Keynote Speaker

**8:45 – 9:15 AM** – [Dan Holloway, CH2M](#) and [Jamie Mitchell, HRSD](#) - *HRSD Sustainable Water Initiative: Improving Water Quality, Groundwater Availability, and Risk to Sea-Level Rise with Potomac Aquifer Injection*

## Morning Plenary Session

**9:15 – 10:35 AM** – **Morning Plenary Session - Stormwater/Water Quality** (Moderator – John Jastram, USGS VA)

- **9:15 - 9:35 AM** - [Gary Shenk, USGS VA](#) - Development of the Chesapeake Bay Program's Watershed Model for 2017
- **9:35 - 9:55 AM** - [Aaron Porter, USGS VA](#) - The Hampton Roads Regional Water Quality Monitoring Program
- **9:55 – 10:15 AM** - [Raul Gonzalez, HRSD](#) - Diel Variation of Fecal Indicators and Pathogens in Wastewater
- **10:15 – 10:35 AM** - [Greg Johnson, Virginia Beach Public Works](#) - The Trident Approach to Stormwater Management

10:35 – 10:55 AM – **Morning break**

**10:55 – 12:15 PM** - **Morning Plenary Session II - TMDL/BMP Strategies** (Moderator -Kurt McCoy, USGS)

- **10:55 - 11:15 AM** - [Brandon Fleming, USGS MD](#) - High Frequency Groundwater-Quality Monitoring and Insights into Efficacy of BMPS in Surficial Aquifers of Delaware
- **11:15 - 11:35 AM** - [Kimberly Peterson, HRSD](#) - Shallow Water Levels and Impacts to Sewer Infrastructure
- **11:35 – 11:55 AM** - [Celeste Journey, USGS SC](#)- Highway Runoff and Structural BMPs in Coastal SC
- **11:55 – 12:15 PM** - [Mike Fenster, Randolph Macon College](#) - Coastal Resiliency - Media Forms and Science to Inform the Public About Changes in Coastal Environments

12:15 – 1:00 PM – **Lunch** – **Provided by Hampton Roads Planning District Commission**

## **Afternoon Plenary Session**

**1:00 – 2:40 PM - Afternoon Plenary Session - Flooding and Sea Level Rise** (Moderator - David Sample, Virginia Tech)

- **1:00 – 1:20 PM - Kurt McCoy, USGS VA** - The Benefits of 20+ years of Monitoring Shallow Groundwater in Virginia Beach
- **1:20 – 1:40 PM - Russ Lotspeich, USGS VA** - Tide Monitoring Programs in Virginia's Coastal Plain
- **1:40 – 2:00 PM - Eric Seymour, NOAA NWS** - Tide Forecasts, Precipitation Return Intervals, and Inundation Forecast
- **2:00 – 2:20 PM - Derek Loftis, VIMS** - Lessons Learned Forecast Modeling 2011 Hurricane Irene, and the Path to Predicting Street-Level Inundation
- **2:20 – 2:40 PM - Tom Allen, ODU** - Water Infrastructure and Public Health Vulnerabilities to Recurrent Flooding Hazards: A View to the South in Charleston (SC) and Morehead City (NC)

**3:00 PM – Closing Remarks and Adjourn** – Mark Bennett, USGS VA