

JERSEY WATERWORKS CONFERENCE 2017

DECEMBER 1, 2017 | NEW JERSEY PERFORMING ARTS CENTER | NEWARK

REGISTER TODAY!

Early Registration Rates End Monday

Join us to amplify the importance of addressing New Jersey's water infrastructure, explore innovative solutions, national models and celebrate the Jersey Water Works collaborative as an effective, comprehensive approach to achieving statewide impact.

AGENDA

- Morning Panel: What New Jersey Can Learn From New York State's \$2.5 Billion Water Infrastructure Investment
- Keynote Address: **Kishia L. Powell**, Commissioner of the Department of Watershed Management for the City of Atlanta, Georgia
- Recognizing Our Progress: Jersey Water Works Accomplishments and Announcement of **Commitments for 2018**
- Afternoon Panel: **Water Policy Priorities** for New Jersey's New Administration

October 2017



Smart infrastructure. Strong communities.

Photo of the Month: BOO! Water in Top 10 Fears for 2017

Top 10 Fears of 2017



The Chapman University Survey of American Fears 2017

CHAPMAN UNIVERSITY
ORANGE, CALIFORNIA

Photo: Pollution of water bodies and pollution of drinking water ranked as the 3rd and 4th highest fears, respectively, in the [Chapman University Survey of American Fears 2017](#).

The Cost of Inaction

Often overlooked, our water infrastructure isn't noticed until something goes wrong. This section spotlights the everyday consequences felt by the residents of New Jersey of not investing in our water systems.

[Spotswood plans to improve water main after resident complaints](#) (*Star-Ledger*)

[Emergency repairs for Newton sewer treatment plant approved](#) (*New Jersey Herald*)

[Willingboro seeks Bloomberg funding to help homeowners replace sewer pipes](#) (*Burlington County Times*)

[High arsenic levels in some private wells in New Jersey](#) (*NJ Spotlight*)

[Major water main break floods Newark homes, disrupts light rail](#) (*Star-Ledger*)

[Lead a problem for South Jersey schools, but lack of uniform reporting blurs picture](#) (*Press of Atlantic City*)

Member Highlights



Round Up of Imagine A Day Without Beer

On Oct. 12, Jersey Water Works partnered with the **New Jersey Brewers Association**, City of Jersey City, the City of Hoboken and members to present **Imagine A Day Without Beer**, a local observation of **Imagine A Day Without Water**.

Visit the [Jersey Water Works blog](#) to view a livestream of remarks made at the Departed Soles Brewing Company event, photos and everyone who participated in the #NoWaterNoBeer social media campaign!

Lower Raritan Watershed Partnership is organizing a [Workshop on Green Infrastructure for Coastal Resilience](#) with NOAA on Friday Nov. 17. This full-day NOAA-led training will introduce

fundamental green infrastructure concepts and practices that can play a critical role in making New Jersey's coastal and inland communities more resilient to natural hazards.

Damon Rich, urban planner at **Hector Design Service** and designer of the **Community Engagement Committee's CSO signage**, has been **named a 2017 MacArthur Fellow by the MacArthur Foundation**, which described him as "a designer and urban planner creating vivid and witty strategies to help residents exercise power within the public and private processes that shape our cities."

The **U.S. Environmental Protection Agency** has awarded a grant to **Cooper's Ferry Partnership** under the **Environmental Justice Small Grant, totaling \$30,000**. Proposed project activities include: planting of three tree groves and two community tours of aquatic habitats benefitting from green infrastructure and riparian restoration efforts. The project will accelerate the restoration of local water systems by planting and expanding forests along urban waterways and connecting both adult and youth residents to water-related health activities in the local area.

NJ DEP has released the **New Jersey State Water Supply Plan 2017-2022**. This update constitutes the second complete revision of the plan. The goal of this document is to form the foundation of a "living" resource able to be updated on a continuous basis as reliable new data become available, and improved upon as new scientific methods are identified.

Howard Neukrug, professor at the University of Pennsylvania, is **profiled in this OMNIA article** for his work on water resources and infrastructure.

"While we re-build our aging urban water systems, we must work together to ensure an integrative, sustainable, and resilient approach that includes the needs and priorities of our cities and citizens. It is not just about floods and water scarcity; it is equally about environmental justice, social equity, and other critical quality-of-life issues."

National Association of Clean Water Agencies held a **private meeting with senior White House officials** to discuss the contours of the administration's planned infrastructure package, including opportunities for public clean water utilities. Administration officials confirmed during the meeting that their intent is to make federal funds available to entities - including public clean water utilities - that come to the table with a proposed project and some level of funding for the project already identified.

Rutgers Cooperative Extension Water Resources Program is a recipient of NJ DEP's 2017 Green Communities Achievement Award for **outstanding contributions to urban and community forestry**.



Jersey Water Works Updates

Jersey Water Works Conference

EARLY REGISTRATION RATES END NOV. 6! Join us for the **third annual Jersey Water Works conference** on Friday, Dec. 1, at the New Jersey Performing Arts Center in Newark to amplify the importance of addressing New Jersey's water infrastructure crisis, explore innovative solutions, and celebrate the Jersey Water Works collaborative as an effective, comprehensive approach to achieving statewide impact. **Register today!**

An updated agenda can be found here.

Thank you to our Conference Advisory Committee members: Rosana Da Silva, Rutgers University Water Resources Program; Frederic Pucci, North Hudson Sewerage Authority; Drew Curtis, Ironbound Community Corporation; Erin Rice, International Union of Operating Engineers Local 825; and Katherine Lawrence, City of Jersey City Division of Planning.

Interested in sponsoring? You'll reach more than 300 professionals involved in upgrading New Jersey's water infrastructure. **Please visit the conference website for more information.**

New Resources

Peak Day Water Demand Management Study. This study, commissioned by the Alliance for Water

Efficiency, conducts a peak water demand shaving pilot project. The report is intended to serve as a resource for professionals in the water and irrigation industries to learn from a low-cost, customer-oriented approach to reducing peak water demand.

Additional Data and Statistical Analysis May Enhance EPA's Oversight of the Lead and Copper Rule. As part of this report, the U.S. Government Accountability Office makes three recommendations to enhance the US EPA's oversight of the lead rule, including for the EPA to require states to report data on lead pipes and develop a statistical analysis on the likelihood of LCR violations, both as ways to supplement the EPA's current oversight. The EPA agreed with GAO's recommendations.

Wet Weather Flow Treatment and Disinfection Demonstration Project Report. The focus of this report from NJ DEP is to demonstrate the performance of selected technologies to treat for solids removal and disinfection under field conditions at remote end of pipe locations.

NJ Stormwater BMP Manual Chapter 9.8 - Blue Roofs. This new chapter in NJ DEP's NJ Stormwater BMP Manual clarifies design requirements, explains functionality, and illustrates the movement of stormwater through a particular BMP, and includes new graphics, enhanced tables, simplified charts, and improved examples.

Esri has compiled a unique resource of maps and apps for green infrastructure planning: **Building Green Infrastructure in the US - A Framework for Sustainable Growth.** This resource provides tools and technologies for individuals working with green infrastructure to connect landscapes, support native species and ecological processes, protect cultural resources, and promote cooperation among landowners.

The Delta Institute has released an update to **Green Infrastructure Designs: Scalable Solutions to Local Challenges** in light of the devastation from hurricanes Harvey and Irma. The update adds two new green infrastructure designs to the original 2015 toolkit that explain how best to proactively manage flooding and stormwater.

Job Announcements

Community Building Coordinator (Housing & Community Development Network of New Jersey)
The Network is hiring a community building coordinator, to support its member organizations and advance its neighborhood revitalization efforts through policy and advocacy as well as technical assistance and training. The position is based in Trenton but requires in-state travel. Please share this opportunity with anyone who you think might be interested.

Requests for Proposals

The Nature Conservancy is awarding grants of \$2,000 to 60 public or charter schools through its **Nature Works Everywhere grant program**. **Deadline:** Nov. 3

StormCon 2018 is issuing a **call for papers**. The 2018 conference will feature six program tracks: Stormwater Infrastructure and Best Management Practices; Green Infrastructure; Stormwater Permit Compliance; Funding, Staffing and Managing the Stormwater Program; Industrial Stormwater Management; Research and Testing. **Deadline:** Dec. 6

Upcoming Events

Nov. 17: Workshop: Introducing Green Infrastructure for Coastal Resilience Location: Sayreville

Nov. 1: Workshop: Complying with New Jersey Stormwater Regulations: Using Green Infrastructure as a Stormwater Management Strategy Location: Roxbury

Nov. 2-10: Workshop: GSI Operations & Maintenance Course Location: Philadelphia

Nov. 7: Webinar: Growing New Jobs With Green Infrastructure

Nov. 14-15: Generational Dynamics and Your Water Utility. Reserve lodging here. Location: Atlantic City

Nov. 15: Webinar: National Stormwater Calculator for Managing Runoff Using Green Infrastructure: Addition of a Cost Module and a Mobile Web App

Nov. 27: Webinar: CRS Stormwater Management (Activity 450) and Urban Flood Management Best Practices: Part 4 of ASFPM and CSO's CRS Green Guide

Dec. 1: Third Annual Jersey Water Works Conference Location: Newark

Water Infrastructure in the News

New Jersey:

[New Jersey signs 10-year agreement on drawing water from Delaware River](#) (*NJ Spotlight*)

[This N.J. city wants you to 'adopt' a catch basin and keep it clean](#) (*Star-Ledger*)

[Spotswood plans to improve water main after resident complaints](#) (*Star-Ledger*)

[Emergency repairs for Newton sewer treatment plant approved](#) (*New Jersey Herald*)

[Willingboro seeks Bloomberg funding to help homeowners replace sewer pipes](#) (*Burlington County Times*)

[Feds to fund massive flood-control project for Hoboken, nearby towns](#) (*NJ Spotlight*)

[High arsenic levels in some private wells in New Jersey](#) (*NJ Spotlight*)

[Major water main break floods Newark homes, disrupts light rail](#) (*Star-Ledger*)

[Opinion: Like beer during Oktoberfest? The water it's made with is at risk in N.J.](#) (*Star-Ledger*)

[Morris County towns face \\$5M yearly burden if sewer pact severed](#) (*Daily Record*)

[EPA funding will help Camden community restore local waters](#) (*US EPA*)

[Lead a problem for South Jersey schools, but lack of uniform reporting blurs picture](#) (*Press of Atlantic City*)

Nationwide:

[Why our water rates are surging - and why black and poor suburbs pay more](#) (*Chicago Tribune*)

[Why Chicago area residents pay millions for water that never reaches their taps](#) (*Chicago Tribune*)

[MSU student raingarden collaboration garners national recognition](#) (*Mississippi State University*)

[Baltimore sewer pipe was sawed off, connected to storm drain leaking into Jones Falls, officials say](#) (*Baltimore Sun*)

[Using rain as a resource](#) (*City of Saint Paul, Minnesota*)

[America's top fears 2017: Pollution of waterways ranked 3rd highest fear, polluted drinking water ranked 4th highest fear](#) (*Chapman University*)

[Park plan envisions fun - and flood control - along Fort Point](#) (*Boston Globe*)

[Researchers propose an open 'internet of water,' tracking use, quality and costs](#) (*TechCrunch*)

[New Orleans is the canary in the coal mine for coastal cities](#) (*CNN*)

[Some residents don't like them, but Columbus says rain gardens are working](#) (*Columbus Dispatch*)

[NSF awards \\$1.8M to help develop smart stormwater system](#) (*University Record - University of Michigan*)

[State awards \\$1.6M for clean water projects](#) (*Vermont Biz*)

[Enteric bacteria levels have increased from stormwater runoff since Hurricane Irma](#) (*TCPalm*)

[Water for growth? River group raises the alarm](#) (*PlanCharlotte*)

[The overlooked problem that is putting thousands of Americans under water](#) (*CityLab*)

[Planning for our green infrastructure](#) (*International City/County Management Association*)

['I still worry': City utility leaders reflect on impact of Flint water crisis](#) (*SmartCitiesDIVE*)

[Baltimore workers remove 'fatberg' of grease from sewer pipe](#) (*New Jersey Herald*)

[Meet the October trash wheel deputy - Nathaniel Krause](#) (*Medium*)

[Less water, more risk: Exploring national and local water use patterns in the U.S.](#) (*Brookings Institution*)

[NYC's first wetlands mitigation bank is open for business](#) (*Waterfront Alliance*)

[Chicago plans to use vacant lots to manage stormwater](#) (*Medium*)

Worldwide:

[Scientists find \\$1.8 million worth of gold in Swiss wastewater](#) (*Bloomberg*)

[The Netherlands is paving the way in toilet paper infrastructure](#) (*CityLab*)

Stay Up to Date

Subscribe to the following member newsletters for updates and resources:

[Lower Raritan Watershed Partnership newsletter](#)

Rutgers Cooperative Extension Water Resources Program email list
U.S. EPA Green Streams email list
New Jersey DEP Combined Sewer Overflow email list
Green Streets, Green Jobs, Green Towns (G3) Initiative digest
I Hate CSOs Facebook Group
WaterWire - The Waterfront Alliance newsletter
NY/NJ Baykeeper newsletter
The Tidal Exchange E-news - New York-New Jersey Harbor Estuary Program
Sustainable Jersey newsletter

Do you send out a newsletter that you'd like included here? Email [Brian Caycho](#) with the information!



Jersey Water Works is a collaborative effort working to transform New Jersey's inadequate water infrastructure through sustainable, cost-effective solutions that provide communities with clean water and waterways; healthier, safer neighborhoods; local jobs; flood and climate resilience; and economic growth.

Jersey Water Works welcomes individuals and organizations committed to working towards transforming New Jersey's inadequate water infrastructure through sustainable, cost-effective solutions that provide communities multiple benefits.

[Become a Member Today!](#)

www.JerseyWaterWorks.org

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