Archived: Thursday, September 28, 2023 10:05:03 AM
From: Stormwater Report
Sent: Thursday, September 7, 2023 12:24:50 PM
To: sboynton@pwea.org
Subject: Managing Rain as Well as Risk
Sensitivity: Normal

Water Environment Federation
the water quality people

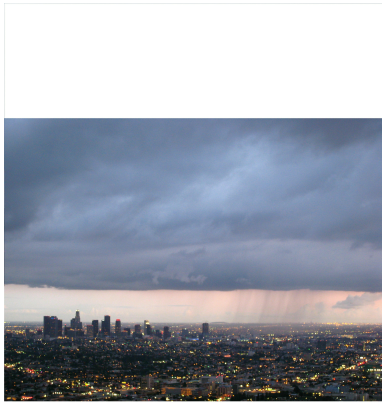
wef
STORMWATER REPORT

Managing Rain as Well as Risk

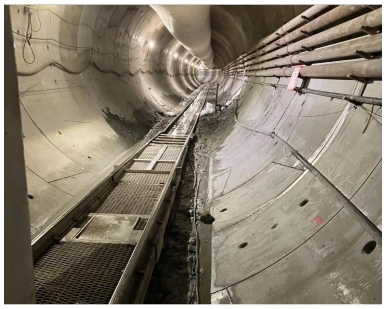
A spate of wildfires that affected Hawaii, Canada, Greece, and elsewhere this summer created optimal conditions for destructive flash flooding, mudslides, and debris flows, presenting the stormwater profession with an unconventional challenge. As new information emerges about how to predict and prepare for these kinds of post-wildfire disasters, stormwater professionals continue their work to minimize the effects of extreme downpours, storm surges, and other hazards. This edition of Stormwater Report explores the overlap between stormwater management and emergency management, highlighting major municipal infrastructure projects and game-changing research.

Visit Stormwater Report

Los Angeles Captures 10,000+ Acre-Feet From Tropical Storm Hilary



For water agencies in Los Angeles County, which in recent years have invested millions in regional projects to improve stormwater capture capabilities, Tropical Storm Hilary brought benefits as well as hazards when it delivered record-breaking precipitation volumes on August 20. Preliminary estimates suggest Los Angeles captured approximately 13 million m^3 (10,500 ac-ft) of water from Tropical Storm Hilary, enough to support roughly 40,000 households for a year.



Seattle Tunnel Marks Milestone in Mission to Control Overflows

In Seattle, drilling recently concluded on a 4.3-km (2.7-mi) tunnel that will connect drainage systems along some of Seattle's busiest neighborhoods with Washington's largest water resource recovery facility. The tunnel, part of the city's long-term Ship Canal Water Quality Project, aims to reduce combined sewer overflows in Seattle by 95%. Take a look inside this massive infrastructure project.

Researchers Report New Insights Into Post-Wildfire Flash Floods

As scientists long have understood, areas that recently have experienced wildfires face higher risks of flash floods, landslides, and debris flows. However, the geophysical mechanisms behind the phenomena — as well as ways to predict specifically where they will occur — remain largely elusive.

Researchers and disaster-relief professionals are taking new steps to improve our understanding of post-wildfire flooding .

Infrastructure Inventories Help Cities Compare Stormwater Strategies

A recent study advances sectorwide efforts to enhance information-sharing by building an inventory of stormwater infrastructure currently operating in 23 U.S. cities that represent eight distinct climate types. The study illuminates meaningful patterns in the types of infrastructure different cities pursue as well as the various physical, climatic, socioeconomic, and regulatory factors driving those choices .

Webinar: Integrated Planning in Action

On September 14, 1–2:30 p.m. Eastern, join utility professionals from across the U.S. for a discussion about the benefits of using integrated planning as a tool to achieve a One Water approach for compliance with the Clean Water Act, utility management, and watershed management. Register for this free webinar, which offers PDH credits for attendees .

Collection Systems and Stormwater Conference 2024: Call For Content

Now Open

The WEF Collection Systems Conference and Stormwater Summit will take place as a combined event next year, April 9 –12, 2024, in Hartford, Connecticut. The Call for Content is now open and will close on October 17, 2023. Learn more about Collection Systems and Stormwater Conference 2024 .
