

Archived: Tuesday, May 12, 2020 11:49:24 AM

From: [The Stormwater Report](#)

Sent: Thursday, May 7, 2020 12:39:00 PM

To: sboynton@pwea.org

Subject: Rescued data, reef protection, and how climate change affects stormwater

Sensitivity: Normal



Citizen scientists rescue centuries of U.K. rainfall data

Comparing U.K. precipitation data across centuries was, until recently, a painstaking task for researchers. Although existing meteorological records provide images of U.K. weather on a consistent basis for several centuries, millions of weather measurements taken before the 1950s were accessible only as hard-to-use digital scans or only in physical form, buried within archives. Rescuing those measurements – and providing more than 5 million new datapoints to the global research community – was the goal of an innovative citizen science project that occurred from late March through early April. [Learn more about how Rainfall Rescue volunteers rescued centuries of data in about two weeks.](#)

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2020 National Stormwater Symposium presentations available online

Access programming and presentations from the canceled 2020 National Stormwater Symposium on any internet-enabled device.

[Learn More](#)

WEF Stormwater Committee webcast convenes East Coast climate change experts

Eastern U.S. coastal communities are particularly sensitive to ice-melt in the Arctic Sea, according to hydrologist David Vallee. Vallee, the Hydrologist-in-Charge at the National Weather Service's Northeast River Forecast Center (Norton, Massachusetts), was one of three stormwater experts to discuss the effects of climate change on coastal and riverine areas of the eastern U.S. during an April 23 webcast hosted by the WEF Stormwater Committee. [A recording of the two-hour webcast is available to WEF members for free \(\\$40 for nonmembers\).](#)

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New app helps farmers save Great Barrier Reef

A tool called 1622WQ developed by the Commonwealth Scientific and Industrial Research Organization (CSIRO) provides Australian farmers hyperlocal water quality data in the specific catchment area where they grow their crops. The tool is named in reference to the height of Queensland's tallest mountain, Mount Bartle Frere. The tool enables the farmers, who drive the country's booming sugarcane industry, to use this information to monitor and control their contributions to nutrient pollution. [Read more about how the CSIRO app helps tackle nutrient pollution at its source before it reaches the Great Barrier Reef.](#)

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Participate in 2020 MS4 Needs Assessment Survey by May 31

Time is running out for Municipal Separate Storm Sewer System (MS4) permittees in the U.S. to contribute to the WEF Stormwater Institute's 2020 MS4 Needs Assessment Survey. The survey — updated every two years — aims to identify common challenges and needs among the diverse array of U.S. stormwater managers. [Report challenges and opportunities facing your MS4 community by May 31.](#)

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