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Building Certainty for an Uncertain Future

The snowballing effects of climate change mean that the data-backed assumptions the stormwater sector now uses to design programs and infrastructure may not hold in the coming years.

This edition of [Stormwater Report](#) covers new research efforts that propose ways to use existing data to reduce ambiguity. It also showcases new ideas from the next generation of stormwater professionals to better protect their communities against tomorrow's precipitation challenges.

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[Register for Stormwater Summit 2022](#)

Looking to learn and share knowledge about stormwater capture and use, asset, program, and utility management, green infrastructure, funding and financing strategies, and more? Stormwater Summit 2022 takes place June 27-29 in Minneapolis. [Register today at the event's website](#) and [learn more about this year's technical program](#).



[Maryland, Florida Teams Win 10th Campus RainWorks Challenge](#)

In April, the U.S. Environmental Protection Agency (EPA) announced the winners of the 10th-annual EPA Campus RainWorks Challenge. The team from the University of Maryland (UMD; College Park) earned first place in the Master Plan category. The team from Florida International University (FIU; Miami) took home first place in this year's Demonstration Project category. [Take a closer look at this year's winning projects, which illustrate how green infrastructure can address both environmental and social challenges on university campuses](#).

[Researchers Decipher Winter Floods, Summer Showers in Southwest U.S.](#)

Rain-on-snow events in the Sierra Nevada area and the size of the annual North American Monsoon system are increasingly difficult to predict for water managers in the Southwest U.S. as the climate changes. Two recent studies report new ways to predict these phenomena using data that is

already available. [Learn how more reliable predictions can help bolster water supplies and discourage flooding.](#)



[Study: Extreme Storms Could Be Unexpected Buffer Against Sea-Level Rise](#)



In coastal communities, extreme storms are often associated with flooding, property damage, and coastal erosion. But, according to a new study by an international research team, extreme storms also may bring surprising long-term benefits. The team's analysis demonstrates that extreme storms bring massive amounts of sand from deep ocean waters toward the beachfront, creating an enduring buffer against sea-level rise. [Study authors call the discovery "a new way of looking at extreme storms."](#)

[Webinar: Stormwater Infrastructure in the Face of a Changing Climate](#)

During this two-hour webinar organized by the Water Environment Federation (WEF) Stormwater Committee, modelers and stormwater management practitioners from across the U.S. weigh in on ways to integrate climate change into long-term watershed planning efforts. The webinar, which is freely available to WEF members, focuses on a broad range of climate change



adaptation strategies applicable in a diversity of settings. [Get details on the webinar at the WEF Learning Center](#) .



[WEF Stormwater Committee Vice Chair Elizabeth Krousel Recognized for Leadership](#)

Elizabeth Krousel, WEF Stormwater Committee Vice-Chair and Associate Vice President for Michael Baker International (Virginia Beach, Virginia), was recently recognized by Women We Admire as one of the Top 50 Women Leaders of Virginia for 2022. Krousel was celebrated for her contributions to the WEF publication, [Rainfall to Results](#), as well as her achievements in water science and education. [Learn more about Krousel and the other awardees](#) .



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