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Water Leadership Institute Builds Better Stormwater Professionals

The Water Leadership Institute (WLI) program developed by the Water Environment Federation is an intensive, 7-month training seminar, aiming to teach management skills to the water workforce and help lay the groundwork for strong professional networks. The WLI program has something to offer professionals from every segment of the water sector, including the stormwater workforce. Get perspectives from three stormwater professionals and WLI alumni about why you should participate. [Apply for the WLI Class of 2021 by January 14.](#)

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Submit Abstracts for 2021 Stormwater Summit

The call for abstracts for WEF's 2021 Stormwater Summit has been extended to December 8.

[Learn More](#)

U.S. DHS Develops Low-Cost, High-Accuracy Flood Sensor Networks

Since 2016, the U.S. Department of Homeland Security (DHS) has been working alongside scientists, equipment manufacturers, and stormwater utilities to develop deployable, scalable, and low-cost flood-sensor networks. Designed for long-term deployment in flood-prone areas, DHS' wireless sensors automatically detect rising water levels and send early flood warnings to officials and citizens. They require little or no maintenance, and cost less than \$1,000 per unit – as much as 20 times cheaper than permanent flood sensors currently on the market, according to an agency fact sheet about the sensors. [Learn more about the sensors' performance as well as considerations for implementing your own flood sensor network.](#)

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ASCE Creates Living Classroom at Headquarters Parking Lot

The American Society of Civil Engineers (ASCE) earlier this month unveiled a newly renovated parking lot, featuring an array of green infrastructure measures, at its headquarters in Reston, Virginia. From the outset of the redesign project, ASCE sought to incorporate state-of-the-art approaches appropriate for the organization, which invites thousands of guests each year to its six-story headquarters building. Each new sustainability feature includes weather-proof educational signage to outline the intervention's benefits as well as implementation considerations for visitors. [Take a closer look at ASCE's newest green infrastructure demonstration project.](#)

Study: New Trees Bring Stormwater Benefits Even Before Full Maturity

Planting native trees en masse can help prevent flooding by enhancing soil's ability to absorb rainwater and provide a multitude of additional benefits, such as new wildlife habitats, greater carbon sequestration, and higher property values. For these reasons and more, seeding new forests and woodlands is a staple of green infrastructure approaches around the world. However, to maximize the benefits of new woodlands, new research from the University of Plymouth (England) describes the importance of proper placement. [Results of this study can help stormwater managers make the most of new woodlands.](#)

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