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**From:** [The Stormwater Report](#)

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**To:** [sboynton@pwea.org](mailto:sboynton@pwea.org)

**Subject:** [The Stormwater Report](#): USGS estimates impervious parking lot coverage for all 3,109 U.S. counties

**Sensitivity:** Normal

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## USGS estimates impervious parking lot coverage for all 3,109 U.S. counties

Accommodating the immense number of vehicles in the U.S. requires an enormous network of parking lots, the vast majority of which are made of impervious pavement that rainwater cannot infiltrate. Until now, researchers have been unable to gauge the full extent of impervious parking lot coverage in a scientifically sound way. In May, the U.S. Geological Survey (USGS) released a new model that uses land-use data to estimate the amount of land in the lower 48 U.S. states covered by impervious parking lots. [USGS estimates that about 5.5% of all developed land in the U.S. is covered by parking lots.](#)

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### Attend the Operations and Maintenance of Stormwater Control Measures Conference

Compare notes with the world's foremost stormwater management experts in Minneapolis, Aug. 4 to 7.

[Get more details](#)

## NGICP equips park professionals with green infrastructure skills

In May, park professionals gathered in Philadelphia for a comprehensive course in green infrastructure design and management. The National Recreation and Park Association (NRPA; Ashburn, Va.) selected 27 professionals to receive scholarships for green infrastructure training. The trainees spent 2 days learning hands-on lessons about how green infrastructure can provide multiple environmental and public health benefits, how to build these systems, and best practices to keep them in working order. [Read about what makes urban parks and green infrastructure a winning combination.](#)

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## Permeable pavement guide helps practitioners avoid pitfalls

To take full advantage of permeable pavement, which is a green alternative to traditional concrete or asphalt pavers, infrastructure planners must take many site-specific factors into account. A new guide to permeable pavements, written by researchers from the University of Florida Institute of Food and Agricultural Sciences (UF–IFAS; Gainesville), helps developers, engineers, landscape architects, and other planners create the best infrastructure for their specific location. [Browse the guide for tips on making the most of permeable pavement.](#)

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## Study: Green infrastructure can spread disease when poorly planned

Green infrastructure designs that fail to consider the effects of the installation's placement or the types of wildlife it may attract can increase risks of spreading serious diseases, according to research published in the journal, *Ecology and Epidemiology*. Green infrastructure planners should involve ecologists and public health experts early in the design phase to ensure stormwater management improvements do not come with unintended consequences, the researchers advise. [Engage with a new perspective on green infrastructure's risks for public health.](#)

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