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Subject: Special Theme Edition: Resiliency planning for disasters

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Ready for the big one? Hurricanes, earthquakes, floods—smart cities are resilient cities. From **microgrids** to **data networks**, from **protective wetlands** to **predictive analytics**, there are solutions. The time to start using them is now.

Now you're caught up,
Jesse

Want a truly resilient smart city? Then let's talk microgrids. Connecticut was hit hard by massive storms (including Hurricane Sandy) that caused major power outages and extensive property damage a few years ago. That had a lot to do with why the state quickly launched a program to fund microgrid construction: to limit outages and lessen the aftermath. Read our story for an update.

People need safe water: How to see issues before they bubble to the surface. How can water utilities effectively and efficiently protect their delivery networks against floods and other disasters? Black & Veatch shares technologies they can use to better inform their decision-making and meet customer expectations of clean, safe water.

Disaster planning: why natural defenses can help your city. For coastal communities subject to frequent destructive storms, there may be a line of defense that is helping to reduce their impact. New research indicates that coastal wetlands have been responsible for significant reductions in property damage. But we're not doing enough to protect them.

For buildings and roads, better materials means better resilience. Materials science has changed substantially over the years and many of those changes now enable cities to better protect hard assets like buildings, bridges and roads against severe storms and flooding. Learn how and what you can do.

How technology helps cities prepare for (and respond to) disasters. As weather patterns change and become more unpredictable, it is essential for cities to be able to quickly and comprehensively respond to disasters. Here are some approaches you can use to ensure you are deploying emergency personnel and equipment precisely where and when they're needed.

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