



NEWS FROM THE DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

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NEWS FROM CEE AT ILLINOIS.....NOVEMBER 2012



Researchers Study Post-Sandy Damage, Traffic in New York

Two CEE researchers traveled to New York City in the wake of Hurricane Sandy to study the superstorm's effects on geotechnical structures and traffic. Professor Youssef Hashash led a team of engineers who studied the performance of geotechnical infrastructure in New York and New Jersey. Assistant Professor Dan Work deployed a new traffic monitoring application he designed to help traffic move more smoothly during major events. Both professors are members of the faculty in the department's new program in Sustainable and Resilient Infrastructure Systems. [More about the NYC trips](#)

Smart Phone App Will Aid Post-Disaster Rescue

Picture this: An earthquake strikes, and you're trapped inside a damaged building. You pull out your smart phone to call for help, but you can't get a signal. Suddenly your screen lights up, and an application starts asking questions about your condition. Elsewhere in the building, another victim is unconscious and unable to answer questions, but the app can tell he is lying motionless and transmit that information plus his location to emergency personnel. [More about iRescue](#)



El-Gohary Wins CAREER Award for Value-Focused Models

Assistant Professor Nora El-Gohary has received a National Science Foundation CAREER award to develop computer models for assessing the value of infrastructure projects in a way that takes into account the perspectives of various stakeholders. The project aims at advancing knowledge of how to plan, design, construct and operate civil infrastructure systems to maximize their collective life cycle value. [More about El-Gohary's CAREER work](#)



Buttlar Part of University's Coursera Course Review Process

Professor William G. Buttlar, Director of Online Education for CEE at Illinois, has been appointed to the University committee charged with reviewing courses for inclusion on Coursera, which offers free online education in Massive Open Online Classes. The University of Illinois this summer joined other top universities in partnering with Coursera. [More about Coursera at U of I](#)



Geoffrey Yeh Inducted into Engineering at Illinois Hall of Fame

M.T. Geoffrey Yeh (BS 53), who made the naming gift to establish the Yeh Student Center in Newmark Civil Engineering Laboratory, was inducted into the Engineering at Illinois Hall of Fame in September. The Hall of Fame recognizes those who have made significant achievements in leadership, entrepreneurship and innovation of great impact to society. [More about Yeh's honor](#)



Research Highlights Booklet Published

A selection of current CEE at Illinois research projects in the areas of Sustainable Infrastructure Systems, Clean Energy, Risk Management and Resilience, and Safe and Plentiful Water is highlighted in the new department publication Research Highlights 2012-2013. The booklet is now available online. [View the research highlights booklet](#)



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