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file photo

Anna Nagurney

Researchers study relief supply chain

AMHERST – University of Massachusetts researchers have [published a major new study](#) on the most efficient design of supply chains for products needed in disasters, major emergencies and pending epidemics.

The team includes Anna Nagurney, the John F. Smith Memorial Professor of Operations Management at the Isenberg School of Management at the University of Massachusetts Amherst, and Min Yu, a doctoral student in management science at the Isenberg School. Nagurney says the research was inspired by Hurricane Katrina in 2005 and the Haitian earthquake of 2010.

In both cases, getting humanitarian relief supplies of water, food, medicines and needed services to the victims was a major challenge because of the absence of well planned and coordinated logistics, according to a university news release.