

GLOBAL FORUM ON URBAN & REGIONAL RESILIENCE

Spring 2016 Seminar Series

Wednesday, March 30th | 3:30 PM

*** RECEPTION TO FOLLOW***

Improving the Pre-Positioning of Disaster Resources for the American Red Cross

By: Dr. Chris Zobel

R.B. Pamplin Professor

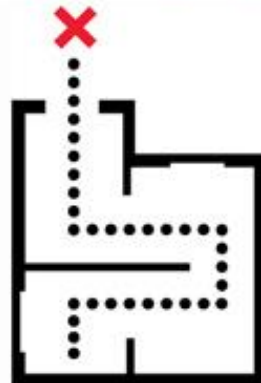
Department of Business Information Technology

Virginia Tech

Be Red Cross Ready



Get a Kit



Make a Plan



Be Informed

One of the missions of the American Red Cross is to open shelters for populations impacted by natural disasters, and their ability to open these shelters in a timely manner is dependent on the pre-positioning of two key types of resources: trailers and caches. In order to improve the process by which this is done, we are working with the Red Cross in Colorado and Wyoming to develop a mathematical model for determining proper trailer and cache location based on the well-known quantification of risk as the product of hazard, exposure, and vulnerability. The Red Cross has traditionally relied on historic asset location and expert judgement to determine asset location in the past, and this analytic model is being developed to improve their ability to respond effectively in future disasters.

LOCATION:

GLOBAL FORUM CONFERENCE ROOM | SUITE 312 | KENT SQUARE BUILDING

OR

CONNECT ONLINE: <https://vtgfurr.adobeconnect.com/zobel/>