



WHICH HAZARDS ARE IN YOUR BACKYARD?

AN NSF HAZARDS RESEARCH EXPO

Tuesday, September 6, 2011, 2:00 - 4:00 PM

National Science Foundation, Rooms 110, 120, & Atrium

Each year in the United States, natural and man-made hazards cause hundreds of deaths and cost billions of dollars by destroying homes and critical infrastructure as well as disrupting commerce. This event will showcase NSF-funded research on hazards in recognition of National Preparedness Month in September and in light of the recent East Coast earthquake and hurricane.

Interactive demonstrations will illustrate the power and potential of new tools that enable policymakers and response teams on the federal, state and local levels to better predict, prepare for, mitigate and respond to hazards that affect human life and property.

Exhibits will demonstrate research regarding tornados, earthquakes, tsunamis, volcanos, oil spills and hurricanes as well as the human response to these events. *Come ask an expert about hazards, and meet NSF's Emergency Management Team.*

- *Stop, Cover, and Hold On!*
- *Why Won't People Evacuate?*
- *Robots to the Rescue!*
- *How Do We Fly Into a Storm's Eye?*
- *How Fast Do Hurricanes Spin?*
- *How Strongly Does My Earth Quake?*
- *Where Did All That Water Come From?*
- *When Will That Volcano Erupt?*
- *Why Do Tsunamis Hit So Hard?*
- *Where Did All That Oil Go?*

See an earthquake simulator, tornado pods, search-and-rescue robots, a flood flume, 3-D IMAX clips from "Tornado Alley," unmanned aerial vehicles, and more!

Room 110 seating for 2 PM presentation is first-come, first-served.

Presentations at 2 PM

Welcome

Dr. Cora Marrett
NSF Deputy Director

Honing Hazard Prediction

Dr. Greg Beroza
Stanford University
Southern California Earth-
quake Center

How People Respond to Hazards

Dr. Susan Cutter
University of South Carolina
Hazards and Vulnerability
Research Institute

