



WHICH HAZARDS ARE IN YOUR BACKYARD?

A SHOWCASE OF NSF-FUNDED HAZARDS RESEARCH

Wednesday, September 7, 2011

Hart Senate Office Building, Room 902

Open-House Exhibitions 10:30 AM - 2 PM

Official Welcome 10:45 AM

Luncheon Presentations 12 PM

Each year in the United States, natural and man-made disasters 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 basic research 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.

More than 30 exhibits will demonstrate research on tornados, earthquakes, tsunamis, volcanos, oil spills and hurricanes as well as the human response to these events. **Come ask an expert about hazards!**

- *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?*
- *Why Do Tsunamis Hit So Hard?*
- *Where Did All That Oil Go?*

Meet the stars of Discovery Channel's *Storm Chasers!*

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!

Seating for luncheon presentations is first-come, first-served.

Honorable Guests & Hosts

Senator Harry Reid
 Senator Kay Bailey Hutchison
 Senator Bill Nelson
 NSF Director Subra Suresh
 AGU Board Member Mary Voytek
 Congressional Hazards Caucus
 Woodrow Wilson Center

Honing Hazard Prediction

Dr. Greg Beroza
 Stanford University
 Southern California
 Earthquake Center

Protecting People and Places

Dr. Ann Kiremidjian
 Stanford University

How People Respond to Hazards

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

