Risks to Cultural Property: Assessment, Mitigation and Effects

NY Capital Region
Alliance for Response Forum
Saratoga, NY  MJ Davis
Risk Assessment for Institutions

• Exterior – natural disasters

• Exterior – man-made

• Internal – inside building
NEW YORK
2009 10 10 21:49:52 UTC 44.09N 75.19W Depth: 8.0 km, Magnitude: 2.4
Earthquake Location
Major Tectonic Boundaries: Subduction Zones - purple, Ridges - red and Transform Faults - green
USGS National Earthquake Information Center
Man-made Disasters
Old Stone House, Brownington, VT
Brownington, VT
Museum in Essex, NY
Exterior Issues
Exterior Issues
Interior Issues
Interior Issues
Mitigation Strategies for Institutions

• Natural disasters – usually warning time

• Man-made – very little advance warning

• Institutional commitment
Mitigation from Katrina
Mitigation strategies for moisture
Mitigation of water issues
Fire Mitigation
Fire Mitigation

• Security – alarms and procedures in place
• Handle and store hazardous materials correctly
• Avoid hazardous equipment and wiring
• Be alert during renovations!
• Fire suppression systems
• Staff awareness and training
Earthquake Mitigation
The Twin Towers
A Sense of Place
Ferrisburg, VT Town Hall
War and Civil Unrest
Beauvoir – 3 days later

Beauvoir House 3 days after Hurricane Katrina
Vermont Alliance for Response
2009
Team Training
Tropical Storm Irene over New England
Tropical Storm Irene