

Vision for the New Madrid Earthquake Scenario

**The Engineers' Club, St. Louis, MO
Friday, April 20, 2007**



**Earthquake Engineering
Research Institute,
New Madrid Chapter**

The VISION for the New Madrid Earthquake Scenario

- The Bicentennial of Great New Madrid Series of Earthquakes will be the months about February 2012.
- This period of five years before the Bicentennial is a useful period to focus on the regional preparedness for earthquakes.
- The Scenario would be most useful, most favorably received and would acquire the most resources, if it were directed by the community. Provided products that were requested.

Which COMMUNITY?

- Our region of the Central US.
 - ▶ Also the region involved in CUSEC.
- Various professions.
 - ▶ Geoscience
 - ▶ Design
 - ▶ Response and Recovery
 - ▶ Government
 - ▶ Utilities / Lifelines
 - ▶ Business Continuity
 - ▶ Financial & Insurance
 - ▶ Economic Losses & Social Impacts

“Every person owes part of one’s time and money to the business or industry to which one is engaged. No one has a moral right to withhold support from an organization that is striving to improve conditions within their sphere.”

- Theodore Roosevelt

The Partnership of Seismic Assessment

- Aid other Earthquake and All-Hazard Studies.
- Encourage needed education, out-reach, research and preparation.
- Complement other plans, studies, and actions.
- A great deal of work needs to be accomplished. There are plenty of activities to pursue.
- Use the breadth of EERI's professions, seismology to sociology, in regards to the scope of evaluation.

The New Madrid Earthquake Scenario

- Resolve desirable components/products over several months.
- Work on a timeline of producing a draft Scenario midyear 2011 and a final in FEB 2012.
- Consider all the Seismic Zones even though our region is dominated by the New Madrid Seismic Zone.
- Credit and utilize all the useful seismic (and all-hazard) assessments and studies through the timeframe.
- Publish and vet research to gain the most valid, most accepted understanding.
- Consider workshops and conferences to resolve complex issues.
- Report to the scenario partners on an annual basis.
- Recognize the in-kind volunteer effort that will leverage other resources into the final product.