



EARTHQUAKE SUMMIT 2023

THURSDAY, MARCH 16
PORTAGEVILLE, MO

#MOQUAKE2023

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2023 Earthquake Summit
Thursday, March 16
Rone Exhibition Hall, Portageville, Mo.

7:30 Registration Opens

8:30 Welcoming Remarks

(Host) Jeff Briggs, Earthquake Program Manager
Missouri State Emergency Management Agency

Aaron Brandt, Director
University of Missouri Fisher Delta Research, Extension and Education Center

Mike Kehoe, Lieutenant Governor
State of Missouri

Andrea Spillars, Region 7 Administrator
Federal Emergency Management Agency

8:45 New Madrid Seismic Zone and Earthquake Hazards in the Central U.S.

Scott M. Ausbrooks, Director and State Geologist, Department of Energy & Environment,
Arkansas Geological Survey

An overview of the geology, seismicity and earthquake hazards related to the New Madrid Seismic Zone in the Central U.S.

9:15 The Little River Drainage District

W. Dustin Boatwright, P.E, Chief Engineer and Executive Vice President, Little River Drainage District

The history, geology, and importance of the Little River Drainage District to those living in the New Madrid Seismic Zone will be highlighted. Commissioner Boatwright (who also serves on the Missouri Highways and Transportation Commission) will also present the implications of earthquake events in the District.

9:45 The University of Missouri System and the New Madrid Seismic Zone

Dr. Mun Choi, President, University of Missouri

Alayna Chapie, Anchor/Reporter, KFVS12 Heartland News

A conversation on the support services and resources that the University of Missouri system uses to partner with other New Madrid Seismic Zone stakeholders to prepare for, and respond to, earthquakes and other disasters.

10:15 Break

10:45 A Wicked Problem: Consumer Research Helps Build the Foundation for Data Driven Earthquake Insurance Communications

J. Brian Houston, Ph.D., Disaster and Community Crisis Center, University of Missouri

Lori Croy, Missouri Department of Commerce and Insurance

Jeffrey Czajkowski, Ph.D., Center for Insurance Policy and Research, National Association of Insurance Commissioners

Missouri is the third largest earthquake insurance market, exceeded only by California and Washington. Yet few Missourians are aware of the state's largest natural hazard risk, and even fewer have earthquake insurance. This presents a "wicked problem." Three agencies have collaborated to research what Missourians do and don't understand about earthquake risks and insurance. Hear updates from the final report of this project.

11:30 Missouri's New Field Operations Guide for Earthquake Evacuation

Melissa Friel, Missouri SEMA Voluntary Agency Liaison

A committee of local and state mass care experts has created the first in a series of Field Operations Guides (FOG) for evacuation sites along earthquake evacuation routes. The first FOG focuses on the processes needed to open and manage an Evacuation Assembly Site within the impact zone counties.

11:45 Sponsor Table Highlights

12:00 Lunch

1:15 New Rules for School Emergency Planning

Bob Klausmeyer and Terrell Baker, Education Safety Coordinators for the Missouri School Boards Association

Is your emergency operations plan up to date? This session will explore lessons learned and best practices for emergency operations planning and development for schools, including new proposed legislation that will impact planning for earthquakes and other disasters.

2:00 ShakeCast: A Roadmap to Faster Response and Recovery for Transportation Departments

Michael White, Missouri DOT Emergency Management Coordinator

Brandon Keller, Illinois DOT Emergency Coordinator

MoDOT and IDOT both use ShakeCast as a tool for earthquake response and recovery planning. ShakeCast was developed by the U.S. Geological Survey in cooperation with several state DOTs, using bridge structural data to model bridge inspection priorities after an earthquake. MoDOT and IDOT then use that data to focus bridge inspections in order to plan ingress and egress routes. We will demonstrate the models for both states and how they may accelerate our earthquake response.

2:45 Break

3:15 Using Your Earthquake Plan for Other Disasters

Steve “Bru” Brukwicki, Operations and Planning Branch Manager, Kentucky Emergency Management

A well-prepared New Madrid Seismic Zone response plan will benefit your organization during other disasters as well. In this session, learn how Kentucky Emergency Management used its earthquake plan to help respond to devastating tornadoes and 1,000-year flooding.

4:00 How Lessons Learned Can Help Health Care and Beyond Prepare for Earthquake Risks

Kara Amann-Kale, Director of Hospital Preparedness Programs, Missouri Hospital Association

Reflecting on lessons learned from past emergencies can help us better prepare for a New Madrid Seismic Zone earthquake. For example, much like it is hard to predict the impact and scope of an earthquake, no one was able to predict what the totality of the COVID-19 pandemic would look like or how it would affect all sectors of response. While each event has unique features, both are catastrophic in nature and require a long-term, multi-disciplinary response. This session will reflect upon lessons learned from response in hospitals and other health care settings and how they apply to a future NMSZ earthquake response.

4:30 Door Prizes, Participation Certificates, Adjourn