

# **New Madrid Earthquake Scenario Workshop**

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

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



# The Chapter's appreciation is extended to

- The Earthquake Engineering Research Institute and its Board of Directors,
- ABS Consulting,
- The St. Louis Section of the American Society of Civil Engineers,
- The St. Louis Post of the Society of American Military Engineers, and
- You as participants and your organizations.

# NMES Workshop AGENDA

1. **Welcome and introduction of participants.**

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
  - a. **Regional Seismic Threat**, Greg Hempen.

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
  - a. Regional Seismic Threat, Greg Hempen.
  - b. **Seismic Risk for Structures**, Nathan Gould.

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
  - a. Regional Seismic Threat, Greg Hempen.
  - b. Seismic Risk for Structures, Nathan Gould.
  - c. **Business Impact from earthquakes,**  
Mike Griffin.

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
  - a. Regional Seismic Threat, Greg Hempen.
  - b. Seismic Risk for Structures, Nathan Gould.
  - c. Business Impact from earthquakes,  
Mike Griffin.
  - d. **Other similar efforts to a scenario,**  
Bob Bauer.

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
3. What is an Earthquake Scenario?
  - a. Show the video, **'06, the Next Great Earthquake.**

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
3. What is an Earthquake Scenario?
  - a. Show the video, '06, the Next Great Earthquake.
  - b. **Suggest the vision for the New Madrid Earthquake Scenario,** Greg Hempen.

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
3. What is an Earthquake Scenario?
  - a. Show the video, '06, the Next Great Earthquake.
  - b. Suggest the vision for the NMES, Greg Hempen.
  - c. **The Seattle Fault Scenario, its Lessons,**  
Don Ballantyne.

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
3. What is an Earthquake Scenario?
  - a. Show the video, '06, the Next Great Earthquake.
  - b. Suggest the vision for the NMES, Greg Hempen.
  - c. The Seattle Fault Scenario, Don Ballantyne.
  - d. **The San Francisco Scenario, its Lessons,** Hope Seligson.

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
3. What is an Earthquake Scenario?
  - a. Show the video, '06, the Next Great Earthquake.
  - b. Suggest the vision for the NMES, Greg Hempen.
  - c. The Seattle Fault Scenario, Don Ballantyne.
  - d. The San Francisco Scenario, Hope Seligson.
  - e. **Organizational Structure for the New Madrid Earthquake Scenario,** Nathan Gould.

# NMES Workshop AGENDA

1. Welcome and introduction of participants.
2. Discussion of the Central US Earthquake Threat.
3. What is an Earthquake Scenario?
  - a. Show the video, '06, the Next Great Earthquake.
  - b. Suggest the vision for the NMES, Greg Hempen.
  - c. The Seattle Fault Scenario, Don Ballantyne.
  - d. The San Francisco Scenario, Hope Seligson.
  - e. Organizational Structure for the New Madrid Earthquake Scenario, Nathan Gould.
  - f. **Encouragement**, Thalia Anagnos, President, EERI  
and Susan Tubbesing, Exec Director, EERI.

# NMES Workshop AGENDA

- Information toward a common basis for group discussion.
- Workshop Development.
- 4. **Discussion by table.**
  - ▶ Move to seating by category, organize, and discuss workshop questions.
  - ▶ Appoint a table facilitator and a note taker. List table's members.

# NMES Workshop AGENDA

- Workshop Development.
- 4. Discussion by table.
  - a. **What are the benefits of the NMES for the region** (the central Mississippi & Ohio River Valleys)?

# NMES Workshop AGENDA

- Workshop Development.
- 4. Discussion by table.
  - a. What are the benefits of the NMES for the region (the central Mississippi/Ohio Valleys)?
  - b. **Who are possible participants of the NMES that should be involved but may not be represented at the workshop today?**

# NMES Workshop AGENDA

- Workshop Development.
- 4. Discussion by group of Scenario benefits.  
Who might be other possible participants?
- 5. Possible funding of the NMES.

**Funding of past scenarios and potential  
funding,**

Susan Tubbesing,  
Exec Director, EERI.

# NMES Workshop AGENDA

- Workshop Development.
- 4. Discussion by group of Scenario benefits.  
Who might be other possible participants?
- 5. Possible funding of the NMES.
- 6. Components/Products of the NMES.
  - a. **Group discussion of desirable components and/or products of the NMES.**

# NMES Workshop AGENDA

- Workshop Development.
- 4. Discussion by group of Scenario benefits.  
Who might be other possible participants?
- 5. Possible funding of the NMES.
- 6. Components/Products of the NMES.
  - a. Group discussion.
  - b. **Brief report** by each table's facilitator on **other participants** and **components or products**.

# NMES Workshop AGENDA

- Information toward a common basis for group discussion.
- Workshop Development.

## 7. What is next for the NMES?

- Summarize the discussions.** Short statement about how the NMES should continue.
- Open for comments.**

# NMES Workshop AGENDA

- Information toward a common basis for group discussion.

- Workshop Development.

7. What is next for the NMES?

**8. Thanks to the participants and close.**