# Agenda

U. S. Geological Survey Earthquake Hazards Program (EHP)

**National Earthquake Prediction Evaluation Council (NEPEC)**

17 – 18 September 2012  
USGS National Earthquake Information Center  
at Colorado School of Mines  
1711 Illinois Street, Golden, Colorado 80401

**Monday, 17 September 2012**

**Session 1: Meeting opening**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00</td>
<td>Welcome, introductions, agenda</td>
<td>J. McCarthy, T. Tullis, M. Blanpied</td>
</tr>
<tr>
<td>2:15</td>
<td>Brief updates on miscellaneous topics</td>
<td>All</td>
</tr>
</tbody>
</table>

**Session 2: Uniform California Earthquake Rupture Forecast (UCERF3)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30</td>
<td>Status of UCERF3 long-term earthquake rate model</td>
<td>N. Field</td>
</tr>
<tr>
<td>2:50</td>
<td>Use of UCERF3 in USGS National Seismic Hazard Maps</td>
<td>M. Petersen</td>
</tr>
<tr>
<td>3:10</td>
<td>Comments from SRP, plan for NEPEC review</td>
<td>W. Ellsworth</td>
</tr>
<tr>
<td>3:30</td>
<td>Discussion</td>
<td>All</td>
</tr>
<tr>
<td>3:45</td>
<td>Break</td>
<td></td>
</tr>
</tbody>
</table>

**Session 3: National Earthquake Information Center**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00</td>
<td>Tour of the National Earthquake Information Center</td>
<td>H. Benz and NEIC Staff</td>
</tr>
<tr>
<td>5:30</td>
<td></td>
<td><strong>Adjourn</strong></td>
</tr>
</tbody>
</table>

**Tuesday, 18 September 2012**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00</td>
<td>Arrival and discussion – follow-ups from previous day</td>
<td></td>
</tr>
</tbody>
</table>

**Session 4: Operational Earthquake Forecasting (OEF): Status and Strategy**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15</td>
<td>Strategic plan for OEF</td>
<td>L. Jones, M. Blanpied</td>
</tr>
<tr>
<td>8:45</td>
<td>Social science collaborations</td>
<td>L. Jones</td>
</tr>
<tr>
<td>9:00</td>
<td>UCERF3 short-term forecasting &amp; global forecast models</td>
<td>N. Field</td>
</tr>
<tr>
<td>9:30</td>
<td>Algorithm development &amp; CSEP testing</td>
<td>A. Michael</td>
</tr>
</tbody>
</table>
9:45  
Break

10:00  13  
Operational considerations: role of the networks in OEF  
H. Benz & NEIC staff

10:30  14  
Development of NEPEC recommendations  
All

11:30  
Lunch

**Session 5: Communication and Collaboration with PNW Decision-makers**

12:30  15  
Subcommittee report on PNW  
J. Gomberg (by phone)

1:00  16  
Discussion: NEPEC response to subcommittee report  
NEPEC

1:15  17  
Perspectives from SAFRR; meeting with CA emergency managers  
L. Jones

1:30  18  
Perspective from CEPEC and CalEMA  
J. Goltz

1:45  19  
Discussion: Plan for collaboration with PNW emergency managers  
All

2:30  20  
Development of NEPEC recommendations  
NEPEC

3:30  
Adjourn

Attendees are invited to attend a 4:00pm talk by Rob Williams on investigations of the 2011 Mineral, Virginia earthquake and plans for expanded research efforts in the eastern US.

Attending:

**NEPEC:**
- Terry Tullis, Brown University (Chair)
- William Leith, USGS, Reston (Co-chair)
- Ramon Arrowsmith, Arizona State University
- Nicholas Beeler, USGS, Menlo Park
- Roland Burgmann, University of California, Berkeley
- William Ellsworth, USGS, Menlo Park
- David Jackson, University of California, Los Angeles
- Andrew Michael, USGS, Menlo Park
- Evelyn Roeloffs, USGS, Vancouver, WA
- Allan Rubin, Princeton University
- Bruce Shaw, Columbia University
- John Vidale, University of Washington
- Michael Blanpied (NEPEC Executive Secretary)

**Guests:**
- Harley Benz, USGS, Golden
- Paul Earle, USGS, Golden
- Edward (Ned) Field, USGS, Golden
- James Goltz, CalEMA
- Joan Gomberg, USGS, Seattle (by phone)
- Gavin Hayes, USGS, Golden
- Lucile Jones, USGS, Pasadena
- Mark Petersen, USGS, Golden
- Peter Powers, USGS, Golden

**Meeting Hosts:**
- Jill McCarthy, Geologic Hazards Sci. Center Director
- Joyce Costello, USGS, Reston (will not attend)