

NATIONAL EARTHQUAKE HAZARDS REDUCTION PROGRAM (NEHRP)  
ADVISORY COMMITTEE ON EARTHQUAKE HAZARDS REDUCTION (ACEHR)

MARCH 10 - 11, 2011

ADMINISTRATION BUILDING, HERITAGE ROOM  
NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY  
GAITHERSBURG, MD

AGENDA

**Meeting Goals:**

- Review NEHRP-related activities being performed by non-NEHRP agencies
- Receive Program updates from NEHRP agencies and understand budget priorities going forward
- Review 2010 Annual Report, identify major issues not addressed or that have changed, and form recommendations to address them as basis for 2011 annual report
- Outline 2011 annual report and assign sections

**Thursday, March 10**

*Opening Remarks and Overall Program Reporting*

8:30 – 8:40 am	Review Meeting Goals, Agenda	Chris Poland Chairman and CEO Degenkolb Engineers <i>ACEHR Chairperson</i>
8:40 – 8:50 am	Welcome and Opening Remarks <i>(via Teleconference)</i>	Charles Romine Acting Associate Director for Laboratory Programs, NIST
8:50– 9:00 am	Meeting Logistics	Jack Hayes Engineering Laboratory, NIST <i>NEHRP Director</i>

*Non-NEHRP Agency Activities Related to Earthquake Safety*

9:00 – 9:45 am	Earthquake R&D Activities at the Nuclear Regulatory Commission	Annie Kammerer <i>Senior Seismologist</i> U.S. Nuclear Regulatory Commission
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*Legislation Review*

9:45 – 10:00 am	Review of Highlights of HR 3820 (Bill not enacted into Law)	Jack Hayes
10:00 – 10:30 am	Review 2009 ACEHR recommendations <i>Consider possible legislative changes to NEHRP</i>	Chris Poland

10:30 – 10:45 am **BREAK**

***NEHRP Agency Mid-Year Updates***

10:45 - 11:00 am NEHRP Secretariat Update Jack Hayes  
*Current activities, 2011 budget actions, 2012 budget request, budget priorities, activities to implement ACEHR recommendations*

11:00 – 11:15 am NIST Earthquake Mitigation Research Update Jack Hayes  
*Current activities, 2011 budget actions, 2012 budget request, adjustments to address budget changes, budget priorities, activities to implement ACEHR recommendations*

11:15 – 11:45 am NSF Earthquake Research Programs Update Joy Pauschke  
*Current activities, 2011 budget actions, 2012 budget request, budget priorities, adjustments to address budget changes, activities to implement ACEHR recommendations* Program Director  
 George E. Brown, Jr.  
 Network for Earthquake Engineering Simulation  
 National Science Foundation

11:45 am – 1:00 pm **LUNCH**

1:00 – 1:30 pm USGS Earthquake Programs Update Dave Applegate  
*Current activities, 2011 budget actions, 2012 budget request, budget priorities, adjustments to address budget changes, activities to implement ACEHR recommendations, ANSS activities* Senior Science Advisor for Earthquake & Geologic Hazards  
 U.S. Geological Survey

1:30 – 2:00 pm FEMA Mitigation Earthquake Programs Update Mike Mahoney  
*Current activities, 2011 budget actions, 2012 budget request, budget priorities, adjustments to address budget changes, activities to implement ACEHR recommendations, state assistance grants* Senior Geophysicist  
 Building Science Branch  
 Federal Emergency Management Agency

***NEHRP-Related Agency Activities***

2:00 – 2:45 pm NIST Disaster and Failure Studies Program Overview Eric Letvin  
 Director  
 NIST Disaster & Failure Studies Program

2:45 – 3:15 pm ACEHR Member Discussion, Questions, and Identification of Issues Chris Poland

3:15 – 3:30 pm **BREAK**

***Trends and Developments in NEHRP-Related Fields***

3:30 – 3:45 pm	EERI Ad Hoc Committee on Liquefaction During Earthquakes	Tom O'Rourke ACEHR Member & EERI Ad Hoc Committee Chair
3:45 – 4:15 pm	National Research Council Committee on Geological and Geotechnical Engineering	Ed Kavazanjian <i>Committee Chair</i> Department of Civil & Environmental Engineering Arizona State University
4:15 – 5:00 pm	ACEHR Member Discussion, Questions, and Identification of Issues	Chris Poland
5:00 pm	Adjourn for Day	

**Friday, March 11**

***Trends and Developments in NEHRP-Related Fields***

8:00 – 8:30 am	USGS development of risk-targeted earthquake ground motions for use in ASCE 7 (via WebEx Teleconference)	Nico Luco <i>Research Structural Engineer</i> Geologic Hazards Team U.S. Geological Survey
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***Non-NEHRP Agency Activities Related to Earthquake Safety (Continued from Thursday)***

8:30 – 9:00 am	Earthquake-Related R&D Activities at the Department of Homeland Security (DHS) <i>Ongoing programs</i> <i>Relationship to and collaboration with FEMA Mitigation</i>	Mary Ellen Hynes <i>Director of Research</i> Infrastructure Protection and Disaster Management Division Science & Technology Directorate Department of Homeland Security
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***Preparation of ACEHR Annual Report***

9:00 – 10:00 am	Review of 2010 ACEHR Report <i>Each section leader to comment on needed changes</i> <ul style="list-style-type: none"> <li>• Resilience Overview (Poland)</li> <li>• Program Effectiveness: NEHRP Management, Coordination, &amp; Implementation (Tubbesing)</li> <li>• Program Effectiveness: FEMA (Eisner)</li> <li>• Program Effectiveness: NIST (Harris)</li> <li>• Program Effectiveness: NSF (Moehle)</li> <li>• Program Effectiveness: USGS (Arabasz)</li> </ul>	Chris Poland
10:00 – 10:15 am	<b>BREAK</b>	

10:15 am – 12 noon	Review of 2010 ACEHR Report (Continued) <i>Each section leader to comment on needed changes</i> <ul style="list-style-type: none"><li>• Trends &amp; Developments: Social Science (Lindell)</li><li>• Trends &amp; Developments: Earth Science (Arabasz)</li><li>• Trends &amp; Developments: Geotechnical Earthquake Engineering (Bray)</li><li>• Trends &amp; Developments: Structural Earthquake Engineering (Hooper)</li><li>• Trends &amp; Developments: Building Codes &amp; Quality Assurance (vonWeller)</li><li>• Trends &amp; Developments: Lifeline Earthquake Engineering (O'Rourke)</li><li>• Trends &amp; Developments: Disaster Preparedness, Response and Recovery (Eisner)</li></ul>	Chris Poland
12:00 – 1:00 pm	<b>LUNCH</b>	
1:00 – 1:30 pm	ACEHR preparation of annual report <ul style="list-style-type: none"><li>• <i>Outline report contents as an update or completely new report</i></li><li>• <i>Develop consensus on planned changes</i></li><li>• <i>Identify writing teams and assignments</i></li></ul>	Chris Poland
1:30 – 2:00 pm	Discussion with Patrick Gallagher, NIST Director	Chris Poland
2:00 – 2:45 pm	ACEHR preparation of annual report (continued)	Chris Poland
2:45 – 3:15 pm	Public Input Period	
3:15 – 3:30 pm	<b>BREAK</b>	
3:30 – 4:00 pm	Future ACEHR Meeting and 2011 Report Planning	Chris Poland
4:00 pm	<b>ADJOURN</b>	