

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

NOVEMBER 9 -10, 2010

CONFERENCE ROOM 314/316

FEDEX INSTITUTE OF TECHNOLOGY

THE UNIVERSITY OF MEMPHIS

MEMPHIS, TENNESSEE

**AGENDA**

**Meeting Goals:**

- Gather information related to earthquake safety in Mid-America.
- Review NEHRP-type activities being performed by non-NEHRP agencies.
- Receive Program updates from NEHRP agencies.
- Identify major issues and form recommendations to address them.

**Tuesday, November 9**

*Opening Remarks and Overall Program Reporting*

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| 8:30 – 8:40 am | Review Meeting Goals, Agenda | Chris Poland<br>Chairman and CEO<br>Degenkolb Engineers<br><i>ACEHR Chairperson</i>               |
| 8:40 – 8:50    | Welcome and Opening Remarks  | Shyam Sunder<br>Director, Engineering Laboratory, NIST<br><i>ACEHR Designated Federal Officer</i> |
| 8:50 – 9:00    | Meeting Logistics            | Jack Hayes<br>Engineering Laboratory, NIST<br><i>NEHRP Director</i>                               |

*Mid-America Earthquake Hazards and Current Building Codes*

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| 9:00 – 9:15   | University of Memphis Center for Earthquake Research and Information (CERI) Overview | Chuck Langston<br>Director, CERI                                       |
| 9:15 – 9:45   | Central United States Earthquake Consortium (CUSEC) Overview                         | Jim Wilkinson<br>CUSEC Executive Director                              |
| 9:45 – 10:15  | Earthquake Hazard Assessment for Mid-America   | Jim Cobb<br>State Geologist and Director<br>Kentucky Geological Survey |
| 10:15 – 10:30 | <b>BREAK</b>   |  |

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| 10:30 - 11:00  | Earthquake Hazard Assessment for Mid-America  | Art Frankel<br>Research Seismologist<br>U.S. Geological Survey   |
| 11:00 – 11:30  | Mid-America Earthquake Scenario   | Anisa Como<br>University of Illinois<br>Mid-America Earthquake Center  |
| 11:30 – Noon   | ACEHR Discussion of Mid-America Earthquake Hazard Issues  | Chris Poland   |
| Noon – 1:00 pm   | <b>LUNCH</b>  |  |
| 1:00 – 1:15  | Memphis Area Building Codes – Introduction  | Bob Paullus<br>Barter & Associates<br>Memphis, TN<br><i>Past President<br/>National Council of Structural<br/>Engineers Associations</i> |
| 1:15 – 1:45  | Memphis Area Building Codes – Perspectives  | Joe Tomasello<br>Senior Manager of Engineering<br>The Reaves Firm<br>Memphis, TN   |
| 1:45 – 2:15  | Memphis Area Building Codes – Perspectives  | Richard W. Howe<br>Structural/Seismic Risk Consultant<br>Memphis, TN   |
| 2:15 – 2:45  | Observations from Canterbury, NZ, Earthquake  | Oliver Boyd<br>Geophysicist<br>U.S. Geological Survey  |
| 2:45 – 3:15  | ACEHR Member Discussion, Questions, and Identification of Issues Facing Earthquake Risk Mitigation in Mid-America | Chris Poland   |
| 3:15 – 3:30  | <b>BREAK</b>  |  |
| <i>NEHRP and Non-NEHRP Agency Activities Related to Earthquake Safety in Mid-America</i> |   |  |
| 3:30 – 4:00  | DoE Earthquake Research & Implementation Activities   | Steve McDuffie<br>Seismic Engineer<br>Office of the Chief of Nuclear Safety<br>U.S. Department of Energy                                 |

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| 4:00 – 4:30 | USACE Earthquake Research & Implementation Activities | Joseph Koester<br>Lead<br>Geotechnical and Materials<br>Community of Practice<br>HQ, US Army Corps of Engineers |
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| 4:30 – 5:00 | FHWA Earthquake Research & Implementation Activities | Phil Yen<br>Seismic Research Program Manager<br>Office of Infrastructure, R&D<br>Federal Highway Administration |
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**Wednesday, November 10**

*NEHRP and Non-NEHRP Agency Activities Related to Earthquake Safety in Mid-America (Continued)*

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| 8:15 – 8:30 | USGS NEHRP Mid-America Activities | Rob Williams<br>Geologic Hazards Team<br>U.S. Geological Survey |
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| 8:30 – 8:45 | FEMA NEHRP Mid-America Activities | Ed Laatsch<br>Chief<br>Building Science Branch<br>FIMA FEMA |
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| 8:45 – 9:00 | NIST NEHRP Mid-America Activities | Jack Hayes |
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*General Discussion of Issues and Recommendations for Addressing Earthquake Safety in Mid-America*

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| 9:00 – 10:15 | ACEHR Recommendations on Mid-America<br>to be Addressed by NEHRP Agencies and Others | Chris Poland |
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10:15 – 10:30 **BREAK**

*General NEHRP Issues, Program Status Reports and Plans, and ACEHR 2011 Report Planning*

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| 10:30 – 11:00 | NEHRP Office Report on Current Status and Budgets | Jack Hayes |
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| 11:00 – 11:30 | USGS Report on Current Activities and Implementation<br>of ACEHR Recommendations | Dave Applegate<br>Senior Science Advisor for Earthquake<br>& Geologic Hazards<br>U.S. Geological Survey |
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| 11:30 – Noon | FEMA Report on Current Activities and Implementation<br>of ACEHR Recommendations | Ed Laatsch |
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Noon – 1:00 pm **LUNCH**

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| 1:00 – 1:45 | NIST Report on Current Activities, Including Status of In-House and Extramural Research Projects, and Implementation of ACEHR Recommendations | Jack Hayes   |
| 1:45 – 2:15 | NSF Report on Current Activities and Implementation of ACEHR Recommendations  | Joy Pauschke<br>Program Director<br>George E. Brown, Jr.<br>Network for Earthquake Engineering Simulation<br>National Science Foundation |
| 2:15 – 2:45 | ACEHR Discussion: Opportunities and Recommendations for Incorporating Other Agency Activities into NEHRP                                      | Chris Poland   |
| 2:45 – 3:00 | <b>BREAK</b>  |  |
| 3:00 – 3:30 | Public Input Period   |  |
| 3:30 – 4:00 | Future ACEHR Meeting and 2010 Report Planning   | Chris Poland   |
| 4:00        | <b>ADJOURN</b>  |  |

