National Earthquake Hazards Reduction Program

... a research and implementation partnership

Program Update

Advisory Committee on Earthquake Hazards Reduction

18-19 August 2014
Outline

• ACEHR
• Budgets
• Legislation status
• Annual report
• Program planning activities
• Related activities
• Secretariat activities

Note: This presentation summarizes NEHRP-wide & Secretariat updates. Each agency will provide details on its activities, including specific responses to 2013 ACEHR recommendations for NEHRP.
ACEHR last met face-to-face on 19-20 November 2012, followed by conference calls on 10 January and 28 February 2013, which were focused on 2013 ACEHR report to NIST Director (as chair of NEHRP Interagency Coordinating Committee - ICC)

Given that current travel funding limitations restrict face-to-face meetings to once per year, and ACEHR is required to report its assessment of NEHRP to the NIST Director at least biennially, there is a need to discuss desired face-to-face meeting schedule during this meeting …
ACEHR Update

We welcome our new ACEHR Chairperson, Laurie Johnson!

Continuing members:
- Ralph Archuleta
- Craig Davis
- Bob Herrmann
- John Hooper
- Laurie Johnson
- Ron Lynn
- Jack Moehle
- Ken Stokoe
- Mary Lou Zoback

- Term expirations since 2012 meeting: Chris Poland, Mike Lindell, Rich Eisner, Norm Abrahamson, Brent Woodworth, Jim Beavers
- New members since 2012 meeting: Peter May, Jim Goltz, John Gillengarten, Nathan Gould, Jane Bullock
- Currently working on replacements for Norm Abrahamson & Mike Lindell – should be in place before end of CY 2014
# 2005-2014 NEHRP Agency Budgets

<table>
<thead>
<tr>
<th>FY</th>
<th>FEMA²</th>
<th>NIST³</th>
<th>NSF⁴</th>
<th>USGS⁵</th>
<th>NEHRP Total</th>
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<tr>
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<tr>
<td>2012</td>
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<td>4.1</td>
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<td>2013</td>
<td>7.8</td>
<td>3.9</td>
<td>52.2</td>
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<td>3.9</td>
<td>51.0</td>
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<td>121.4</td>
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**Notes:**

1. USGS budget reflects amount appropriated for USGS NEHRP activities. FEMA, NIST, & NSF budgets reflect agency allocations for NEHRP activities from total agency appropriations. Budgets shown were reported by agencies as of 05/14/14. 2009 ARRA funds are not included in totals. Amounts reported to nearest $0.1M.


3. NIST NEHRP budget supports all expenses for both NEHRP Secretariat (Lead Agency) and NIST Earthquake Risk Reduction in Buildings & Infrastructure R&D Program.

4. NSF NEHRP budget supports program activities, excluding Agency Operations and Award Management (AOAM) costs. Budget includes support for George E. Brown, Jr. Network for Earthquake Engineering Simulation and Global Seismographic Network, but excludes *EarthScope* activities.

5. USGS budget supports program activities, including the USGS portion of the Global Seismographic Network.
# 2015 Administration-Requested NEHRP Agency Budgets

## Requested Agency NEHRP Budgets ($M)

<table>
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<tr>
<th>FY</th>
<th>FEMA</th>
<th>NIST</th>
<th>NSF</th>
<th>USGS</th>
<th>NEHRP Total</th>
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**Notes:**

1. USGS budget reflects amount requested for USGS NEHRP activities. FEMA, NIST, & NSF budgets reflect planned agency allocations for NEHRP activities from total requested agency appropriations. Budgets shown were reported by agencies as of 05/14/14. Amounts reported to nearest $0.1M.

2. FEMA planned NEHRP budget includes program activities, excluding employee salaries & expenses (S&E).

3. NIST planned NEHRP budget supports all expenses for both NEHRP Secretariat (Lead Agency) and NIST Earthquake Risk Reduction in Buildings & Infrastructure R&D Program.

4. NSF planned NEHRP budget supports program activities, excluding Agency Operations and Award Management (AOAM) costs. Budget includes support for George E. Brown, Jr. Network for Earthquake Engineering Simulation and Global Seismographic Network, but excludes *EarthScope* activities.

5. USGS requested budget supports program activities, including the USGS portion of the Global Seismographic Network ($5.2M).
Legislation Status


- Agencies continuing their ongoing activities since authorized funds expired

- Reauthorization hearing conducted by Technology & Innovation Subcommittee of House Science, Space, & Technology Committee on 7 April 2011

- Review hearing conducted by Research & Technology Subcommittee of House Science, Space, & Technology Committee on 29 July 2014

- July hearing indicated potential bipartisan interest in new NEHRP reauthorization
Annual Report

• Annual report on FY 2012 activities released in February 2014

• New report on FY 2013 activities is being prepared and will then undergo interagency review
Recent Program Planning Activities

- Post-Earthquake Investigations Strategy Framework completed (copies available)

- Lifelines Research & Implementation Roadmap nearing completion (to be briefed later today)

- Roadmap for NIST research that fits within larger NEHRP framework completed (Steve McCabe to expand on this later today)
Related Activities

- NIST Resilience Initiative growing rapidly (formal presentation later today)

- NIST Disaster and Failure Studies Program continues

- Interagency Committee on Seismic Safety in Construction (ICSSC) RP-8, *Standards of Seismic Safety for Existing Federally Owned or Leased Buildings* – plans for updating for current code applicability in 2015

- U.S. Japan Cooperative Program in Natural Resources (UJNR) Panel on Wind and Seismic Effects – meeting at NIST, February 2013
Secretariat Activities

Personnel/Manpower:

- Felicia Johnson joined our staff (Faecke, McCabe, Hayes) as our new Administrative Assistant. Felicia is a U.S. Navy veteran (Anchors Aweigh!). Please join us in welcoming her aboard!

- We hope to have a new administrative support contractor in place before the end of September.
Secretariat Activities, continued

- Don’t forget to check [www.nehrp.gov](http://www.nehrp.gov) for NEHRP information.

- If you would like to be on the NEHRP listserv, let us know.