

National Earthquake Hazards Reduction Program

... a research and implementation partnership

Program Update

Advisory Committee on Earthquake Hazards Reduction

18-19 August 2014



FEMA

NIST
National Institute of
Standards and Technology



USGS
science for a changing world

national **earthquake** hazards reduction program

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 Update



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 Gillengerten, 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

Enacted Agency NEHRP Budgets (\$M) ¹					
FY	FEMA ²	NIST ³	NSF ⁴	USGS ⁵	NEHRP Total
2005	14.7	0.9	53.1	58.3	127.0
2006	9.5	0.9	53.8	54.5	118.7
2007	7.2	1.7	54.2	55.1	118.2
2008	6.1	1.7	53.6	58.1	119.5
2009	9.1	4.1	56.0	61.2	130.4
2010	9.0	4.1	55.0	62.8	130.9
2011	7.8	4.1	55.3	61.4	128.6
2012	7.8	4.1	53.2	59.0	124.1
2013	7.8	3.9	52.2	55.6	119.5
2014	7.8	3.9	51.0	58.7	121.4

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.
2. FEMA 2005 enacted NEHRP budget included program activities and employee salaries & expenses (S&E). FEMA 2005 – 2009 NEHRP budgets excluded state grants. FEMA 2006-2014 NEHRP budgets cover all program activities, excluding S&E costs.
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) ¹					
FY	FEMA ²	NIST ³	NSF ⁴	USGS ⁵	NEHRP Total
2015	7.8	3.9	52.2	59.0	122.9

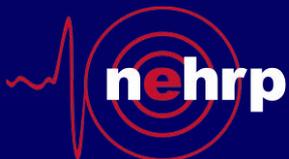
Notes:

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).



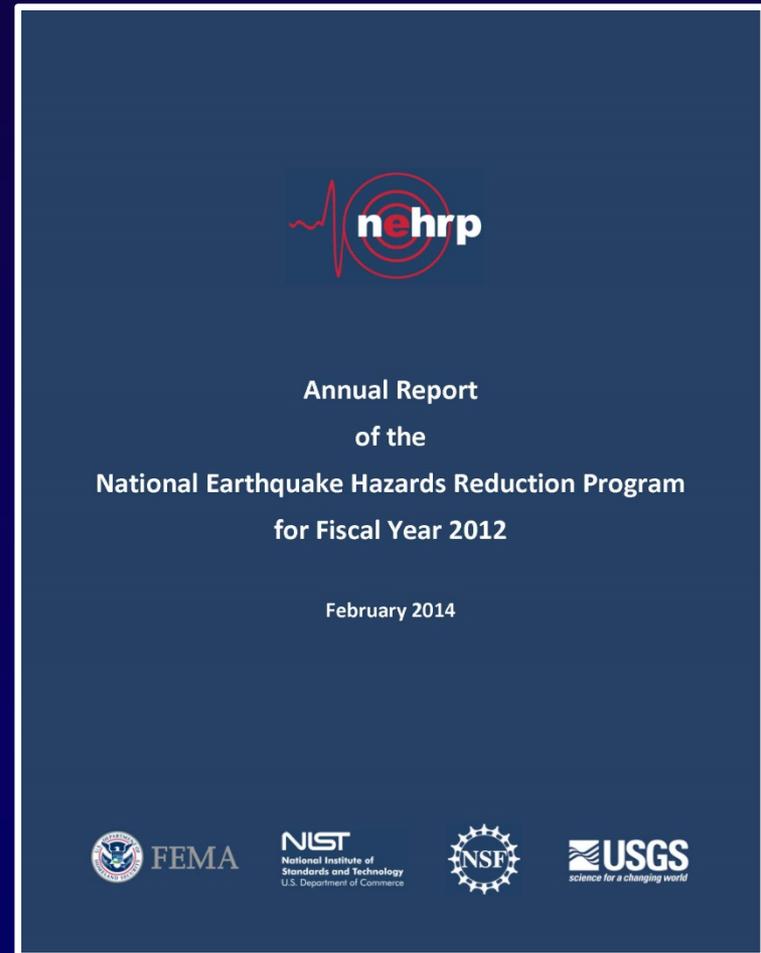
Legislation Status

- PL 108-360, *National Earthquake Hazards Reduction Program Reauthorization Act of 2004*, remains in effect (though budget authorizations expired 30 September 2009)
- 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

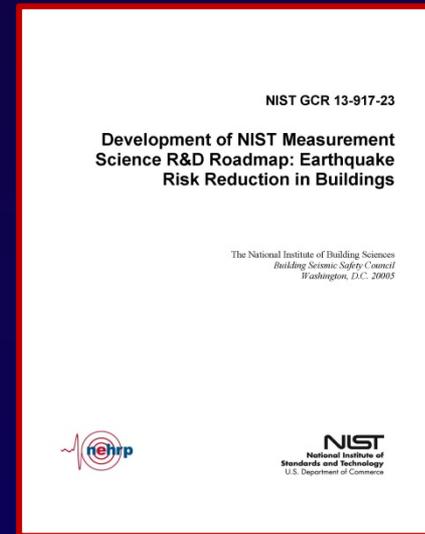
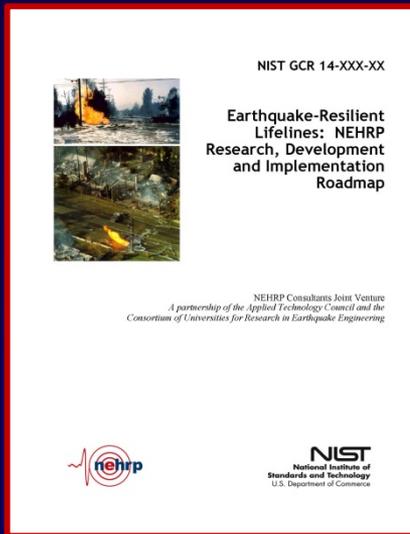
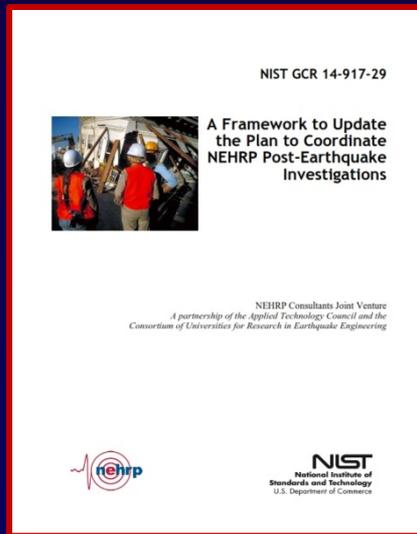


Annual Report

- 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



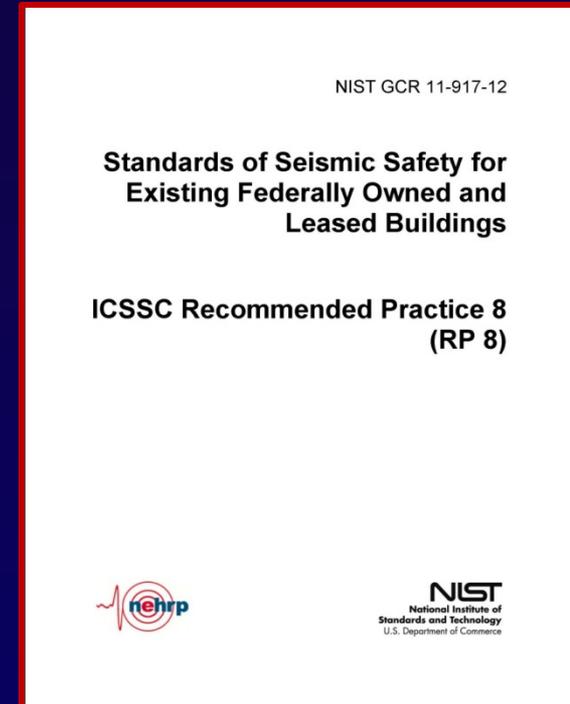
Recent Program Planning Activities



- 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.



Tina Faecke



Steve McCabe



Felicia Johnson

Secretariat Activities, continued

- Don't forget to check www.nehrp.gov for NEHRP information.
- If you would like to be on the NEHRP listserv, let us know.
- We have over 2000 older NEHRP-generated documents from NTIS in the NEHRP Clearinghouse:
<http://fris2.nist.gov/starweb/nehrrp/servlet.starweb?path=nehrrp/nehrrp.web>

