

National Earthquake Hazards Reduction Program

... a research and implementation partnership

Program Update

Advisory Committee on Earthquake Hazards Reduction

9 November 2011



FEMA

NIST

National Institute of
Standards and Technology



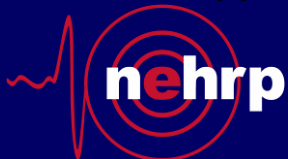
USGS
science for a changing world

national **earthquake** hazards reduction program

ACEHR Update



- ACEHR last met on 3/10-11/2011, followed by conference call on 4/25/2011 (focused on 2011 report to NIST Director in his capacity as chair of NEHRP Interagency Coordinating Committee - ICC)
- One resignation: Walter Arabasz
- Two term expirations: Jon Bray, Jim Harris
- Currently working on replacements for Arabasz, Bray, and Harris
- New appointments: Norm Abrahamson, Ralph Archuleta (SESAC Chair)



Authorization Status

- Legislation: Hearing held by T&I Subcommittee of House Science, Space, & Technology Committee on 4/7/11
- Dr. Sunder to address current legislation status during his remarks
- Agencies continuing their ongoing activities since authorized funds expired on 9/30/09



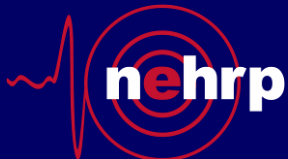
2005-2012 NEHRP Agency Budgets

Enacted Agency NEHRP Budgets (\$M)					
FY	FEMA ¹	NIST ³	NSF	USGS	NEHRP Total
2005	14.7	0.9	53.1	58.4	127.1
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	55.0	61.2	129.4
2010	9.0	4.1	55.3	62.8	131.2
2011	7.8	4.1	53.3	61.4	126.6

Requested Agency NEHRP Budgets (\$M)					
FY	FEMA ¹	NIST ³	NSF	USGS	NEHRP Total
2012	6.9	4.1	53.8	57.7	122.5

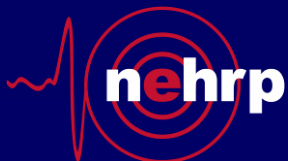
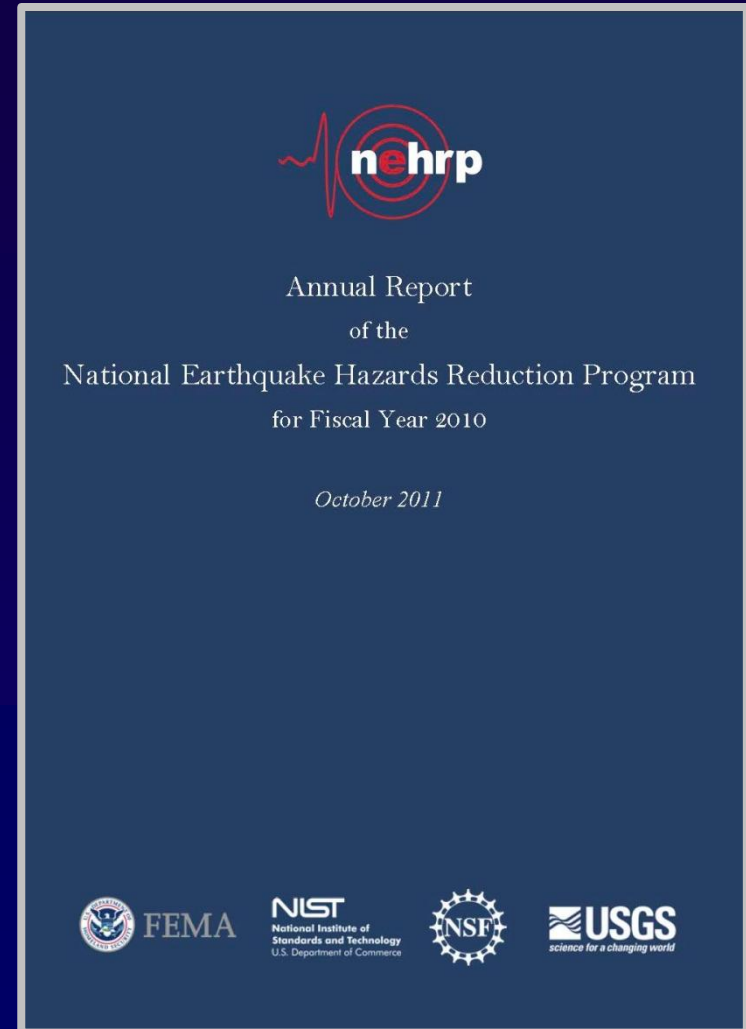
Notes:

1. FEMA 2005 enacted budget included program activities and S&E. FEMA 2005 – 2009 budgets excluded state grants. FEMA 2006-2012 budgets cover program activities but exclude S&E.
2. Federal agencies currently operating under continuing budget resolution through 11/18/11. 2012 agency budgets may be adjusted from those requested following final Congressional and agency decisions – data current as of 10/28/11 .
3. NIST NEHRP budget supports both NEHRP Secretariat and NIST Earthquake Risk Mitigation R&D Program. 2012 request for NIST includes an increase of \$1.8M for NIST Disaster and Failure Studies Program that is not included in funds reported here for NEHRP.
4. 2009 ARRA funds not included in totals.



Annual Reports

- Annual report on 2010 activities just released (copies distributed at meeting)
- Abbreviated report on 2011 activities is planned (following 2012, 2013 budget decisions)



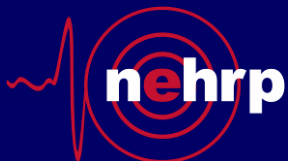
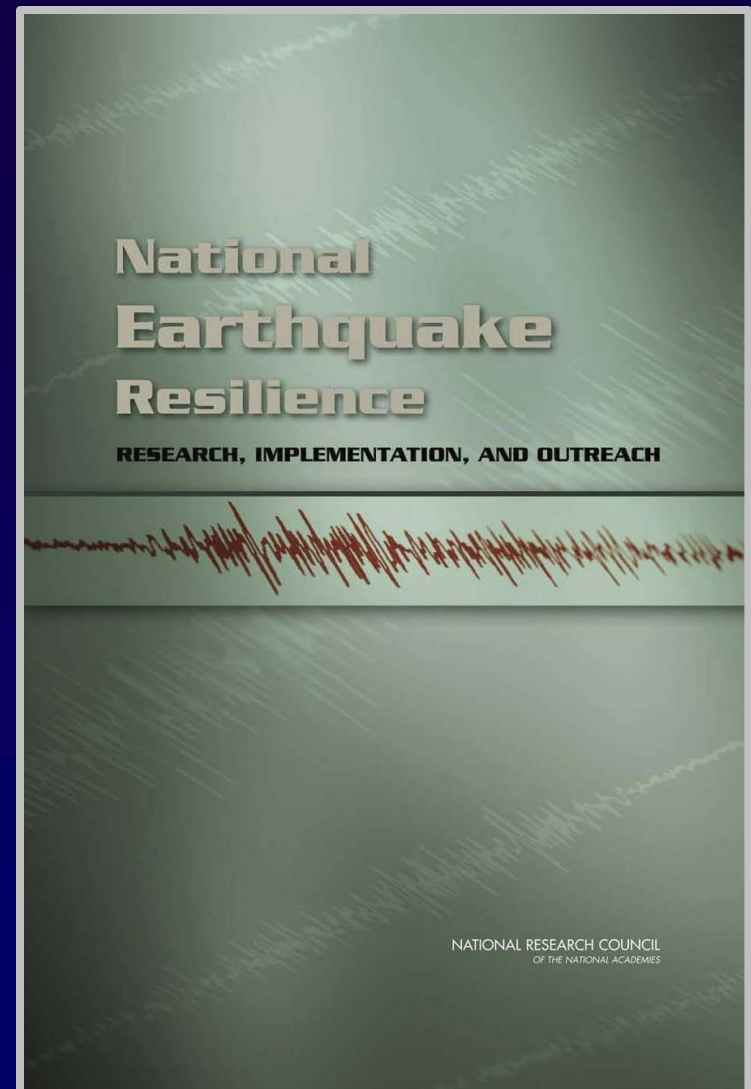
Secretariat Personnel

- NEHRP Deputy Director Steve McCabe on board since April 2011, with primary focus on NIST research program
- Tina Faecke & Michelle Harman supporting NEHRP, Disaster & Failure Studies, and NWIRP activities
- USGS **Emeritus** John Filson temporarily back in full-time Acting USGS Senior Science Advisor for Earthquake & Geologic Hazards



Secretariat Activities

- National Research Council (NRC) 20-yr U.S. Earthquake Implementation Roadmap completed on 3/31/11
- Interagency Coordinating Committee (ICC) meeting conducted 4/27/11 (next meeting slated for 1/12/12)
- Tentative Post-Earthquake Investigations Planning Workshop in 2012
- Tentative Lifelines Research Needs Workshop in 2012



Related Activities

- Interagency Committee on Seismic Safety in Construction (ICSSC) project to develop ICSSC RP-8, *Standards of Seismic Safety for Existing Federally Owned or Leased Buildings* (contract via BSSC) almost complete
- Re-engaged U.S. Japan Cooperative Program in Natural Resources (UJNR) Panel on Wind and Seismic Effects (August 2011 meeting held in Japan)
- Disaster and Failure Studies Program in NIST Engineering Laboratory getting underway

