

# National Earthquake Hazards Reduction Program

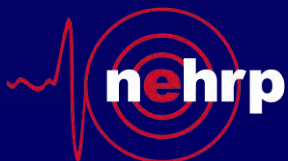
*... a research and implementation partnership*

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## Program Update

Advisory Committee on Earthquake Hazards Reduction

10 November 2010



FEMA

NIST

National Institute of  
Standards and Technology



USGS  
science for a changing world

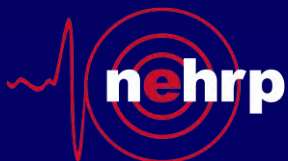
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national **earthquake** hazards reduction program

# Overview

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- ACEHR status
- Program developments
- Agency Budgets
- Secretariat activities
- Major agency initiatives



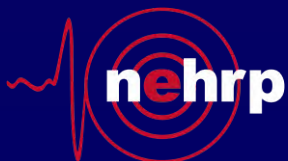
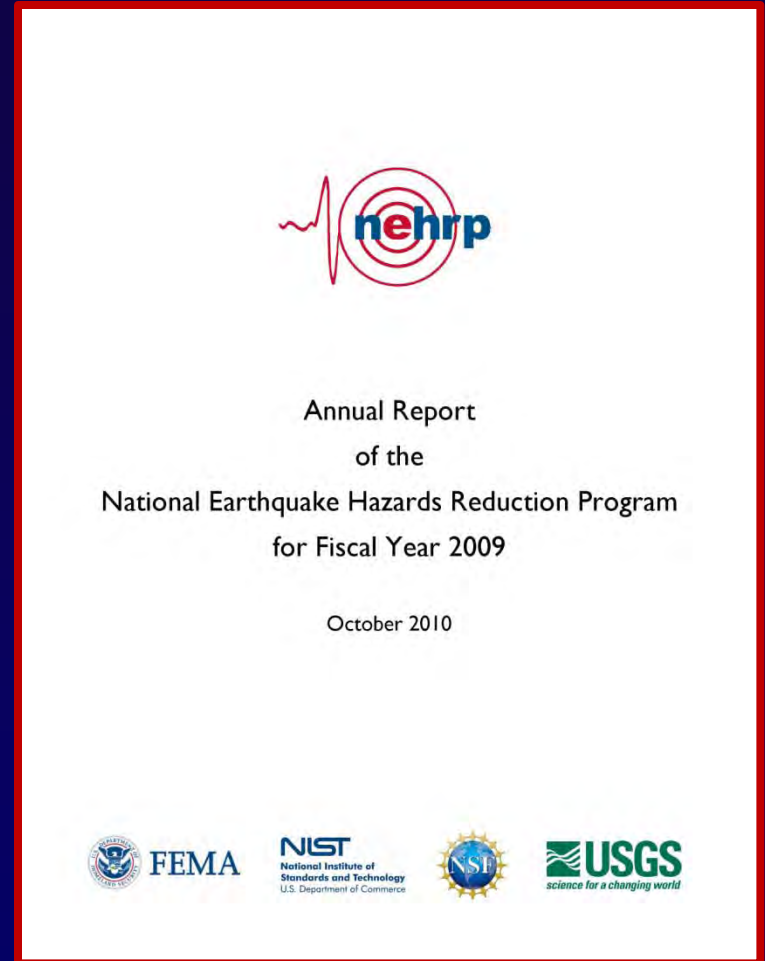
# ACEHR Status



- ACEHR last met on 4/28/10 (focused on 2010 report to NEHRP ICC)
- Two resignations: Sharon Wood, Paul Somerville (currently working on replacements)
- Reappointments: Walter Arabasz, Rich Eisner, Chris Poland
- New appointment: Jack Moehle
- ACEHR Charter renewed on 5/24/10

# Program Developments

- HR 3820, amended
  - Passed House of Representatives, 3/2/10
  - Referred to Senate Committee on Commerce, Science, and Transportation
  - Awaiting further action in Senate
- Agency budgets not tied to authorizations
- Agencies continuing their ongoing activities (“business as usual”)
- “Abbreviated” annual report on 2009 activities just released
- Preparation of 2010 annual report getting underway



# 2005-2011 NEHRP Agency Budgets

## Enacted Agency NEHRP Budgets (\$M)

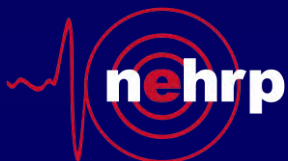
FY	FEMA	NIST	NSF	USGS	NEHRP Total
2005	14.7	0.9	53.1	58.4	127.1
2006	9.5	0.9	53.8	54.5	118.7
2007	7.2	1.7	54.2	55.4	118.5
2008	6.1	1.7	53.6	58.1	119.5
2009	9.1	4.1	55.0	61.2	129.4
2010	9.0	4.1	55.3	62.8	131.2

## Requested Agency NEHRP Budgets (\$M)

FY	FEMA	NIST	NSF	USGS	NEHRP Total
2011	9.0	4.1	54.3	62.3	129.7

### Notes:

1. 2009 ARRA funds not included
2. 2011 budget not yet enacted - agencies currently operating under a continuing budget resolution thru 12/3/10
3. NIST budget supports both NEHRP Secretariat and Earthquake Risk Mitigation R&D Program
4. Budget data updated as of 10/29/10



# Secretariat Activities (1/2)

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- Actively seeking NEHRP Deputy Director (announcement closes 11/26/10) – supports ACEHR recommendation
- Tina Faecke's reassignment to focus on administrative duties that are related to all statutory programs in NIST Engineering Laboratory (EL)
- Completion of ongoing National Research Council (NRC) effort to develop 20-yr U.S. Earthquake Implementation Roadmap delayed until 3/31/2011
- Plans for early 2011 Interagency Coordinating Committee (ICC) meeting being made
- Addition of NEHRP-generated documents (2,000 +) found in NTIS library to NEHRP Clearinghouse now complete:

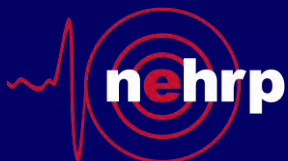
<http://fris2.nist.gov/starweb/nehrrp/servlet.starweb?path=nehrrp/nehrrp.web>



# Secretariat Activities (2/2)

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- Re-engaging Interagency Committee on Seismic Safety in Construction (ICSSC) in activity to update ICSSC RP-6, *Standards of Seismic Safety for Existing Federally Owned or Leased Buildings* (contract via Building Seismic Safety Council – BSSC)
- Refocusing/re-engaging U.S. Japan Cooperative Program in Natural Resources Panel on Wind and Seismic Effects
- Providing limited assistance to DoD as it updates its seismic design criteria
- **Related Development: Addition of Disaster and Failure Studies Program Director in new NIST Engineering Laboratory (full presentation to ACEHR planned for Spring 2011 meeting)**

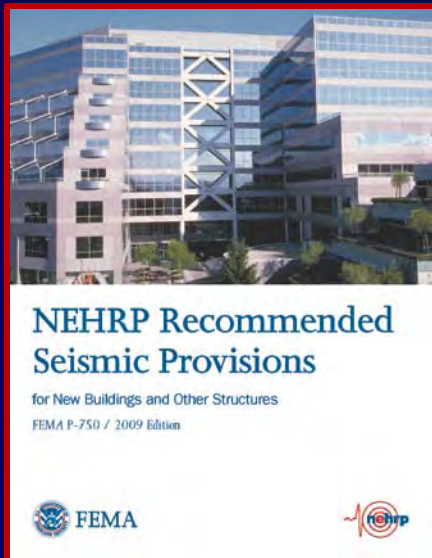
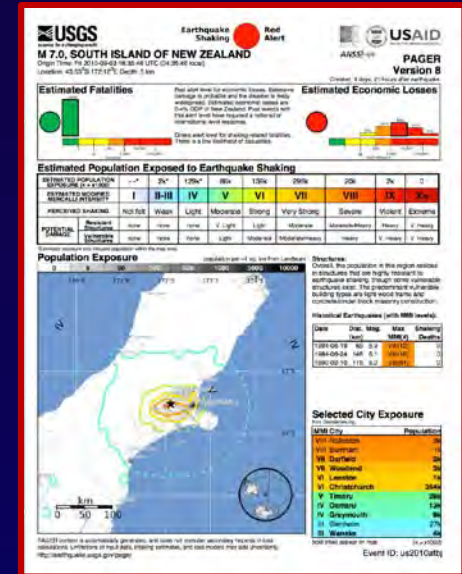




# Recent Agency Highlights

(More during agency presentations ...)

- NSF: Workshops to identify research needs emerging from 2010 Chile and Haiti earthquakes
- USGS: National Earthquake Information Center (NEIC) release of new version of *Prompt Assessment of Global Earthquakes for Response* (PAGER), with rapid order of magnitude estimates of fatalities and economic losses due to strong shaking



- FEMA: Released 2009 Edition of *Recommended Provisions for New Buildings and Other Structures*
- NIST: Major effort (~ \$1.2M on contract + in-house activities) to address potential U.S. model building code issues raised by Chile earthquake

