



***Earthquake Engineering
Research Institute***

***Craig D. Comartin, S.E.
President***



***“Natural hazards are inevitable.
Natural disasters are not.”***

John Filson

New York Times
December 27, 2004



Who are we?

- Nonprofit, interdisciplinary society of engineers, geoscientists, architects, planners, public officials, and social scientists.
- EERI members include researchers, practicing professionals, educators, government officials, and building code regulators.



Where are we?

- 2400 members
- Local and student chapters
- 46 states
 - California has largest representation.
 - New York is second with Washington a close second.
- 62 countries (over 20% of membership)
- Headquarters: Oakland, California



What do we want to accomplish?

- Advance the science and practice of earthquake engineering.
- Improve understanding of the impact of earthquakes on the physical, social, economic, political and cultural environment.
- Advocate effective and efficient measures for reducing the harmful effects of earthquakes.

What do we do?

- Technical seminars
- Learning from Earthquakes (LFE) Program
- Publications and conferences
- Special projects and initiatives

Learning from Earthquakes (LFE)

- Sumatran earthquake and tsunami (ongoing)
- Niigata (2004)
- Bam, Iran (2004)
- Gujarat, India—Recovery (2003)
- Hokkaido, Japan (2003)
- Boumerdes, Algeria (2003)
- Bingol, Turkey (2003)
- Colima, Mexico (2003)
- Denali Fault, Alaska (2002)

Over 100 reconnaissance missions since 1973



Sumatran Earthquake Briefing

Tuesday, March 22, 2005

**4:00 - 6:30 pm, Seattle, Washington
Kane Hall, University of Washington**



NEHRP Coalition

- **EERI guided the NEHRP re-authorization through the House and Senate partnering with ASCE**
- **50% increase in authorized funds for 2005**
- **74% increase in authorized funds by 2009**
- **EERI strategy for 2005:**

advocacy for appropriations to NIST

support of NEESinc (NSF) and ANSS (USGS)

improved coordination with DHS FEMA

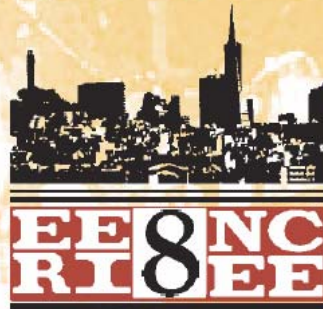


100th Anniversary Earthquake Conference

Commemorating the 1906
San Francisco Earthquake



EERI's Eighth U.S. National Conference on Earthquake Engineering (8NCEE)



April 18 – April 22, 2006
San Francisco, California



www.world-housing.net

Address <http://www.world-housing.net/>

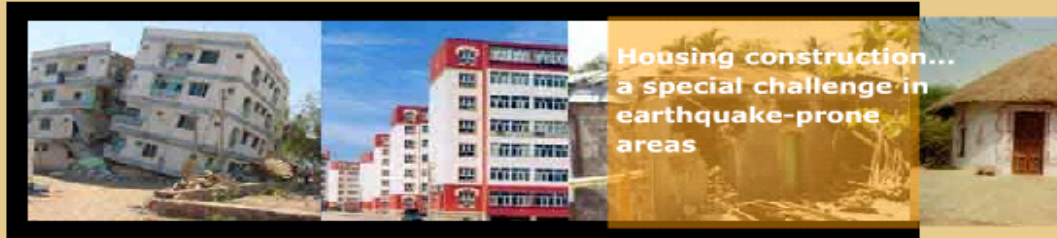
Google World Housing Encyclopedia 88.5 KCSN - The Best of Public Radio Learning from Earthquakes Main Page



WORLD HOUSING ENCYCLOPEDIA



As a contribution to the ISDR



aecportico
site of the week

THE NSDL SCOUT REPORT FOR
**MATH,
ENGINEERING,
& TECHNOLOGY**
SELECTION



To skip Intro



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Earthquake scenarios

- Bruce Olson and the USGS (1975)
 - *A Study of Earthquake Losses in the Puget Sound, Washington Area, Open-File Report 75-375*
- Hyogo-ken Nambu (Kobe) Earthquake
- Hayward Scenario (1995)
- CREW and the Cascadia Scenario

EERI and the Seattle Scenario

- Special project for scenario guidelines
- Initial funding from EERI Endowment
- FEMA support
- Interest in Seattle community
- USGS participation
- Potential for local chapter



Cascadia Region Earthquake Workgroup
Structural Engineers Association of Washington
University of Washington
Washington State Emergency Management Division
Washington State Department of Transportation
Seattle Public Utilities
Seattle City Light
Seattle Emergency Management
King County Wastewater Treatment Division
Bonneville Power Administration
Bellevue Emergency Preparedness Division
Burlington Northern
Washington State Hospital Association
Washington State Society of Healthcare Engineering
Port of Seattle



The power of knowledge



Victor Desosa of the village of
Galbokka, Sri Lanka