



## August 2017 Monthly Bulletin

### WSSPC Policy Recommendations Available

The policy recommendations that were approved by the members at the May annual meeting are available on the website: <http://www.wsspc.org/public-policy/adopted-recommendations/>

- 17-1: Improving Tsunami Public Education and Warning Procedures for Distant and Local Sources
- 17-3: Earthquake Monitoring Networks
- 17-4: Identification and Mitigation of Unreinforced Masonry Structures
- 17-7: Earthquake Early Warning Systems
- 17-8: Seismic Design and Construction of New Schools

Full versions of the draft policies for 2018 are also posted on the website. All committee comments and revisions need to be turned in to the WSSPC office by October 15. To view the 2018 draft policies:

<http://www.wsspc.org/public-policy/2018-wsspc-draft-policy-recommendations/>

### Mark Your Calendar!

WSSPC Awards in Excellence Nominations will open September 5, 2017.

### New FEMA Publications:

FEMA P-366, Hazus<sup>®</sup> Estimated Annualized Earthquake Losses for the United States

[https://www.fema.gov/media-library-data/1497362829336-7831a863fd9c5490379b28409d541efe/FEMAP-366\\_2017.pdf](https://www.fema.gov/media-library-data/1497362829336-7831a863fd9c5490379b28409d541efe/FEMAP-366_2017.pdf)

A new assessment of the nationwide earthquake risk has been published by FEMA in an update of FEMA P-366. Informed decision-making on mitigation policies, priorities, strategies, and funding levels in the public and private sector rely on estimating the degree of earthquake risk in the U.S. According to the report, steadily increasing damages and losses are primarily due to three factors: 1) significant growth in earthquake-prone urban areas, 2) vulnerability of the older building stock, including poorly engineered non-ductile concrete buildings, and 3) an increased interdependency in terms of supply and demand for the businesses that operate among different parts of the world.

	2001	2008	2017
AK	\$0.04 Billion	\$0.05 Billion	\$0.10 Billion
HI	\$0.03 Billion	\$0.06 Billion	\$0.11 Billion
WA, OR	\$0.40 Billion	\$0.57 Billion	\$0.71 Billion
CA	\$3.26 Billion	\$3.50 Billion	\$3.74 Billion
MT, ID, WY, NV, UT, CO, AZ, NM	\$0.18 Billion	\$0.25 Billion	\$0.31 Billion

The 2017 Annualized Earthquake Loss (AEL) for each WSSPC state or region is shown in the table, as compared with prior estimates.

FEMA P-1000, Safer, Stronger, Smarter: A Guide to Improving School Natural Hazard Safety

<https://www.fema.gov/media-library/assets/documents/132592>

This report provides guidance for school administrators, facilities managers, and staff while planning for strategies to address natural hazards. John Schelling, former earthquake program manager for the state of Washington, and on the Project Management Team said, "This new guide aims to help schools increase their resilience, and in doing so, the overall community's resilience, to a variety of natural hazards." The early chapters encompass safety, preparedness and recovery as a whole, followed by hazard-specific annexes (earthquake, tsunami, flood, hurricane, etc.) at the end.

### Upcoming Conferences and Trainings

FEMA P-154, Rapid Visual Screening of Buildings for Potential Seismic Hazards (pre-disaster); ATC-20, Post earthquake Safety Evaluation of Buildings (post-disaster); and Rapid Observation of Vulnerability and Estimation of Risk (ROVER)

August 23-24, 2017 (8am-5pm)

Denver Metro Area, Colorado

<https://www.fema.gov/national-earthquake-technical-assistance-program>

NEMA Annual Forum

September 28 – October 1, 2017

Scottsdale, Arizona

<https://www.nemaweb.org/index.php/forums-meetings/the-nema-annual-forum>

Geological Society of America Annual Meeting

October 22-25, 2017

Seattle, Washington

<http://community.geosociety.org/gsa2017/home>

## FLASH—2017 National Disaster Resilience

Conference

October 25-27, 2017

Atlanta, Georgia

<http://flash.org/nationaldisasterresilienceconference/>

[WSSPC is a Presenting Partner]

## EERI—11<sup>th</sup> National Conference of Earthquake

Engineering

June 24-29, 2018

Los Angeles, California

<https://11ncee.org/>

[WSSPC is a Cooperating Partner]

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