



Monthly Bulletin March 2018

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Western States Seismic Policy Council

801 K Street, Suite 1236
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Phone: 916-444-6816
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Mark Your Calendars

The National Earthquake Program Manager's (NEPM) Meeting will be held in Seattle, Washington the week of April 30 – May 4, 2018 at the Downtown Seattle Crowne Plaza Hotel. The first three and a half days will be devoted to the NEPM Meeting and will be followed by the WSSPC Committees, the WSSPC Board, and the Annual Business Meeting. Invitation letters for the NEPM travel went out February 1st to representatives from the following states/territories: Alaska, American Samoa, CNMI, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Washington, and Wyoming.

The preliminary schedule is below:

Monday, April 30, 2018

12-6 P.M. NEPM Field Trips
3-5 P.M. NEPM Registration

Tuesday, May 1, 2018

7:30-8:30 A.M. NEPM Registration
8:30 A.M.-5 P.M. NEPM

Wednesday, May 2, 2018

8 A.M.-5:30 P.M. NEPM

Thursday May 3, 2018

8 A.M.-12:30 P.M. NEPM
12:30-1:30 P.M. WSSPC Awards in Excellence Lunch

Come support the award winners:

- WSSPC Lifetime Achievement Award – Donald Thomas, Ph.D.
- 2018 Award in Excellence: Use of Technology – U.S. Geological Survey for ShakeMap Scenario Suite
- 2018 Award in Excellence: Non-Profit Agency Efforts – U.S. Resiliency Council for Earthquake Rating System

Register for the Awards lunch (\$30), NEPM (\$100) and NEPM field trips (\$30) [here](#).

2-5 P.M. WSSPC Committees
2-5 P.M. NEMA Subcommittee Meeting

Friday, May 4, 2018

8-9 A.M. WSSPC Board Meeting
9:30-11:30 A.M. WSSPC Annual Business Meeting (all WSSPC members invited)

For more information regarding the meeting logistics, agenda, and registration please refer to: <http://eqprogram.net/2018-national-earthquake-program-managers-meeting/>.



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CEA Research Forum

On February 22-23, 2018 the California Earthquake Authority (CEA) held a Research Forum in Sacramento, California looking at technology and the role it plays in providing options for retrofitting single-family woodframe houses. There were approximately 70 people in attendance having varied earthquake and preparedness backgrounds. The forum was organized into 5 distinct panels with an overarching theme of technology: Assessment, Hazard, Damage, Loss, and New Technology. Each panel is summarized below.

Assessment: *How do we promote, and to whom do we promote, existing tools and services for assessing and grading a building's performance in an earthquake?*

The panelists spoke about several new/existing tools that are beneficial for homeowners as well as building inspectors: FEMA P-50, the SP3 Engineering Tool, the U.S. Resiliency Council (USRC) Building Rating System, and Quake Grade (which is an electronic version of FEMA P-50).

CEA released a press release pertaining to Quake Grade, read it [here](#).

Hazard: *How is technology useful in measuring ground motion and building performance relevant to earthquake insurance providers and policyholders?*

Ground motion can be measured in several different ways: home/building seismic sensors, chips (attached to electric meters), smart phones using the MyShake app, and fiber cables (already in place via telecom systems). Representatives from PEER, CalTech, SafeHub Pro, Zizmos, Stanford University, UC Berkeley Seismological Laboratory and CEA were on the panel.

Damage: *How is technology used in developing tools to improve structural deficiencies in detached single-family, woodframe houses? (A look at ATC 110)*

ATC 110 will be a pre-standard for the evaluation and retrofit of wood construction buildings. A three year ATC project is set to begin in August 2018 titled: *Managing Support for Development of a Pre-Standard for Seismic Retrofit of One- and Two-Family Light Frame Dwellings*. Funding for the project is coming from CEA and FEMA.

Loss: *How can technology be used in post-event damage characterization?*

The CEA has been continually finding new ways to incorporate technology into post-event damage assessments. A few examples are consultant automated meetings (reaching people via text messages) and flying/crawling drones (to inspect hard to reach areas of homes/buildings).

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New Technology: *How can technology be used to create immersive and interactive tools that will drive consumers to action?*

The key question that panelists Dennis Mileti, Ph.D. and Sharyl Rabinovici, Ph.D. focused on was ‘what motivates Americans?’ Unless we can motivate Americans/consumers to take action then no preparedness or mitigation actions are going to take place.

The FEMA Immersed Virtual Reality experience was at the forum as well. A flooding scenario was the first VR to be created and others are soon to be in the works. To read more about the VR experience visit: <https://www.fema.gov/immersed>.

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Events and Conferences

ATC: Reducing the Risks of Nonstructural Earthquake Damage – A Practical Guide Webinar (FEMA E-74)

March 7, 2018

<https://register.gotowebinar.com/register/6723677819518293761>

NEMA Mid-Year Forum

March 19-23, 2018

Alexandria, Virginia

<https://www.nemaweb.org/index.php/forums-meetings/save-the-date>

Tsunami Preparedness Week

March 26 – 30

NEPM and WSSPC Annual Meeting

April 30 – May 4, 2018

Seattle, Washington

<http://eqprogram.net/>

SSA 2018 Annual Meeting

May 14-17, 2018 (New Dates)

Miami, Florida (New Location)

<https://www.seismosoc.org/meetings/>

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Events and Conferences cont.

11th United States National Conference on Earthquake Engineering

June 25-29, 2018

Los Angeles, California

<https://www.11ncee.org/>

[WSSPC is a Cooperating Organization.]

AEG 61st Annual Meeting/13th IAEG Congress

September 17-21, 2018

San Francisco, California

<http://www.aegweb.org/mpage/iaeg18m>

NEMA Annual Forum

October 1-4, 2018

Savannah, Georgia

<https://www.nemaweb.org/index.php/forums-meetings/save-the-date>

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