



## SEISMIC RESILIENCE **25** YEARS AFTER NORTHRIDGE: ACCOMPLISHMENTS AND CHALLENGES

### Seismic Resilience 25 Years after Northridge: Accomplishments and Challenges

“**Seismic Resilience 25 Years after Northridge: Accomplishments and Challenges**” will feature the role of multi-disciplinary performance-based engineering with seismic and related natural hazards to achieve community resiliency. The meeting will open on Thursday, January 17 with plenary sessions highlighting the role of PEER research in the fields of performance-based engineering and resilience, and to identify areas where research and development of technology and tools are needed for effective decision-making. On Friday, January 18 concurrent breakout sessions will be formatted for more detailed discussion and engagement of PEER-funded researchers and projects, with the goal of creating a synergy of resources and information.

#### Location

**UCLA Campus**  
**404 Westwood Boulevard**  
**Los Angeles, California**

#### Who Should Attend

Decision-making stakeholders, practicing professionals, researchers, faculty, students, and others interested in the practice of performance-based engineering for natural hazards are encouraged to attend. Program details can be found at:

[peer.berkeley.edu/peer-2019-annual-meeting-program](http://peer.berkeley.edu/peer-2019-annual-meeting-program)

#### Registration

Advanced registration is required for attendance at the 2019 PEER Annual Meeting. Registration details can be found at:

[peer.berkeley.edu/peer-2019-annual-meeting-registration](http://peer.berkeley.edu/peer-2019-annual-meeting-registration)

**Early Bird Registration ends  
 December 7, 2018**

#### Poster Session & Reception

Emerging researchers and students are encouraged to apply to participate in the poster session. All accepted posters will be displayed during a reception on the evening of Thursday, January 17, 2019. Submit your poster at:

[peercenter.wufoo.com/forms/m6g8y120dv9qmg/](http://peercenter.wufoo.com/forms/m6g8y120dv9qmg/)

	Thursday January 17, 2019	Friday January 18, 2019		
8:00 - 8:30 AM	REGISTRATION / BREAKFAST	REGISTRATION / BREAKFAST		
8:30 - 10:00 AM	<b>PLENARY - 1</b> <i>PEER Overview Northridge Overview</i>	<b>PLENARY - 5</b> <i>Welcome Advances in Infrastructure Monitoring and Reconnaissance</i>		
10:00 - 10:30 AM	BREAK	BREAK		
10:30 - 12:00 PM	<b>PLENARY - 2</b> <i>Advances and Challenges since Northridge</i>	<b>CONCURRENT - 1</b> <i>Impact of Ground Motions on Bridge Performance and Design</i>	<b>CONCURRENT- 2</b> <i>Geo Hazards I</i>	<b>CONCURRENT- 3</b> <i>Computational Simulation of Geotechnical and Structural Systems</i>
12:00 - 1:30 PM	LUNCH & Special Presentation	LUNCH		
1:30 - 3:00 PM	<b>PLENARY - 3</b> <i>Regional PBEE - Lifeline Systems</i>	<b>CONCURRENT - 4</b> <i>New Trends in Seismic Design of Bridges</i>	<b>CONCURRENT- 5</b> <i>Geo Hazards II</i>	<b>CONCURRENT- 6</b> <i>PBEE to Promote Discounts for Single-Family Dwellings</i>
3:00 - 3:30 PM	BREAK	BREAK		
3:30 - 4:30 PM	<b>PLENARY - 4</b> <i>Computational Tools for Simulating Natural Hazard Effects and Community Resilience</i>	<b>PLENARY - 6</b> <i>Resilient Los Angeles</i>		
4:30 - 5:00 PM	<b>PLENARY - 4a</b> <i>2018 PEER Blind Prediction Contest &amp; PHI Challenge Winners</i>	<b>PLENARY - 7</b> <i>Concurrent Summaries &amp; Closure</i>		
5:00 - 5:30 PM	BREAK			
5:30 - 7:30 pm	<b>POSTER SESSION &amp; RECEPTION</b> (Open to the Public)			
6:30 - 8:30 pm	<b>BIP DINNER</b> (invitation only)			