

## (RE)ASSESSING SEISMIC HAZARD ACROSS THE UNITED STATES

Seismic events pose a serious risk to life and infrastructure across the U.S. Yet these events are rare, making the historic record incomplete and our understanding of their impacts limited. In addition, seismicity rates have been substantially modified by human activities over the last decade adding an additional unknown to future hazards. COSG hopes to review the state of knowledge, the uncertainties, and strategies to improve hazard estimates and will explore the approaches used to estimate the hazard. COSG is interested in how recent advances in understanding of the earthquake processes, along with the collection of new massive seismic datasets, might be used to improve assessments of the hazard.

To register, please contact Courtney DeVane at [cdevane@nas.edu](mailto:cdevane@nas.edu). If participating remotely, use the following link to register: <https://nasem.zoom.us/meeting/register/217e6ce0db8d845934538d7d4481ef37>. Audio options will be provided when you log in on the day of the meeting. International numbers are available at: <https://zoom.us/j/94148780>

NOVEMBER 14, 2018 | OPEN SESSION

Keck Center  
Room 206

9:30 AM	Doors open	
9:45 AM	Welcome and Introductions	<b>Richard Allen, Chair</b>
10:00 AM	Estimating Seismic Hazard across the United States	<b>Art Frankel</b> U.S. Geological Survey
10:30 AM	<b>PANEL 1:</b> <b>Physics-Based Model Approach – Lessons Learned</b> <ul style="list-style-type: none"> <li>• <b>Ned Field, U.S. Geological Survey</b></li> <li>• <b>Seth Stein, Northwestern University</b></li> <li>• <b>Art Frankel, U.S. Geological Survey</b></li> </ul>	Moderated by: <b>Steve Jacobsen</b> Committee Member
11:30 AM	Discussion for Panel 1	
<b>12:00 PM WORKING LUNCH (Committee, Speakers, Guests)</b>		
1:00 PM	<b>PANEL 2:</b> <b>Induced Seismicity and Short-Term Hazard</b> <ul style="list-style-type: none"> <li>• <b>Elizabeth Cochran, U.S. Geological Survey</b></li> <li>• <b>Heather DeShon, Southern Methodist University</b></li> <li>• <b>Julie Shemeta, MEQ Geo Inc.</b></li> <li>• <b>Lauren Boyd, Department of Energy</b></li> </ul>	Moderated by: <b>Sherilyn Williams-Stroud</b> Committee Member

2:00 PM	Discussion for Panel 2	
<b>2:30 PM</b>	<b>BREAK</b>	
<b>2:45 PM</b>	<b>PANEL 3:</b> <b><i>Application of Seismic Hazard</i></b> <ul style="list-style-type: none"><li>• <b>Harold Magistrale</b>, <i>FM Global</i></li><li>• <b>Nico Luco</b>, <i>U.S. Geological Survey</i></li><li>• <b>Dogan Seber</b>, <i>Nuclear Regulatory Commission</i></li></ul>	<i>Moderated by:</i> <b>Lisa Grant Ludwig</b> <i>Committee Member</i>
3:45 PM	Discussion for Panel 3	
4:15 PM	Wrap-Up Discussion with All Speakers	
<b>4:45 PM</b>	<b>Concluding Remarks</b>	<b>Richard Allen</b> , <i>Chair</i>

5:00 PM | END OF PUBLIC SESSION