

SHEAR-WAVE VELOCITY, Vs100, AND ASCE 7-22 COMPLIANCE IN CALIFORNIA

FRIDAY, JULY 31 | 9:00 AM - 12:00 PM PACIFIC | VIRTUAL

This short course will examine California's experience with ASCE 7-22, focusing on the new need for shear-wave seismic velocity measurements for seismic site classification. Starting with a tutorial introduction to seismic shear-wave velocity and Vs100, the course will survey popular methods for measuring shear-wave velocity. Continuing with a summary of ASCE 7-22 and an examination of what changed from 7-16, the course will survey how California geotechnical firms are responding to ASCE 7-22, the common approaches to compliance, and provide real-world examples and case studies of current practices. The last section of the course will survey popular additional applications of shear-wave velocity common in California, going beyond site classification.

After the course, participants will understand the seismic site characterization changes introduced in ASCE 7-22, have an introduction to the fundamentals of shear-wave velocity and Vs100, be familiar with available field methods and how California firms are implementing ASCE 7-22, and know the uses of shear-wave velocity data for applications beyond site classification.

ATTEND THIS SHORT COURSE TO:

- Understand the seismic site characterization changes introduced in ASCE 7-22.
- Understand the fundamentals of shear-wave velocity and Vs100.
- Become familiar with available field methods for site characterization.
- Learn how California geotechnical firms are implementing ASCE 7-22 requirements.
- Identify opportunities to use shear-wave velocity data for applications beyond site classification.

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Members **\$75**
Nonmembers **\$150**



JOHN N. LOUIE
PROFESSOR EMERITUS
GEOPHYSICS
UNIVERSITY OF NEVADA, RENO



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