

USGS 2023 National Seismic Hazard Model Update Workshop: Western U.S. Ground Motions

Friday September 16, 2022

Mountain Daylight Time: 10 am–11:30 am (Session 1) & 11:45 am–2 pm (Session 2)

Pacific Daylight Time: 9am–10:30am (Session 1) & 10:45 am–1 pm (Session 2)

Virtual Meeting (Microsoft Teams)

[Click here to join the meeting](#)

Or call in (audio only) (833) 436-1163 [239 619 472#] United States (Toll-free)

Time, MDT (PDT)	Topic(s)	Speaker(s)
10:00 – 10:15 (9:00 – 9:15)	Introductions - Welcome and Logistics (5 min) 2023 NSHM and Workshop Goals (5 min) - Agenda (5 min)	Herrick Petersen Moschetti
10:15 – 11:30 (9:15 – 10:30)	Session 1 2018 and 2023 WUS Basin Treatment (15 min) - Seattle basin crustal GMMs - Location-dependent implementation (Seattle and Southern California) - Portland and Tualatin (30 min) - Basin geometry, ground-motion observations, hazard sensitivities - New and Updated GMMs (10 min) - Discussion (20 min)	Powers and Moschetti Ahdi and Shumway Powers Moschetti et al.
11:30 – 11:45	15-minute break	
11:45 – 2:00 (10:45 – 1:00)	Session 2 - Southern California, CyberShake (25 min) - Basin-amplification model, hazard sensitivities - Central Valley and SF Bay Area (30 min) - Basin geometry, ground-motion observations, hazard sensitivities - Discussion (25 min) - Basin Edge Effects (15 min) - Seismic Directivity (20 min) - Discussion (20 min)	Moschetti and Shumway Aagaard, Ahdi, and Shumway Moschetti et al. Petersen Withers Moschetti et al.
2:00	Adjourn	