AGENDA
2018 Working Group on Nevada Seismic Hazards Workshop
February 5 and 6, 2018, Reno, Nevada

Day 1. February 5. Quaternary fault parameters and seismic hazards

8:30 – 8:45 Introductory remarks – Koehler and Anderson

8:45 – 9:00 Update on the USGS External Grants program – Gold

9:00 – 9:20 Anderson, J.G., 2018, Building the Nevada Hazard Map: Information needed and some important uncertainties


10:00 – 10:20 Coffee Break

Northern Nevada


10:40 – 11:00 Koehler, R.D., 2018, Efforts to better characterize the seismic potential of faults in the North Valleys region, Reno, Nevada


11:20 – 11:40 Angster, S., 2018, New estimates on the rate of slip for faults of the Central Walker Lane

11:40 – 12:00 dePolo, C., Gold, R., Briggs, R., Crone, A., Mahan, S., and Borchardt, G., 2018, Recent Paleoseismicity of the Kings Canyon Fault Zone between Ash and Vicee Canyons, Carson City, Nevada

12:00 – 1:20 Lunch

Southern Nevada

1:20 – 1:40 Taylor, W.J., Abdelhaleem, S., Peck, A., Dee, S., and dePolo, C, 2018, Fault interactions along a N-S belt around 114.75 degrees W longitude in southern Nevada

1:40 – 2:00 Dee, S., dePolo, C., Taylor, W., Mahan, S., 2018, New paleoseismic data from the Frenchman Mountain fault, Las Vegas

2:00 – 2:20 dePolo, C., Taylor, W., and Dee, S., 2018, The Las Vegas Valley Fault System – A 2017 progress report
2:20 – 2:40 Gold., R., Briggs, R., dePolo, C., Dee, S., and Petersen, M., 2018, Seeking input on the inclusion of the Eglington fault, Nevada, in the National Seismic Hazard Map

2:40 – 3:00 Break

3:00 – 3:20 Summary of Quaternary fault parameters and future directions – Koehler

3:20 – 4:20 Discussion: Implications to the National Seismic Hazards Map and priorities for future research- All

4:20 – 4:30 Summary and concluding remarks – Koehler and Anderson

4:30 Adjourn

Day 2. February 6. Seismicity, ground motions, and geodesy

8:30 – 8:45 Introductory remarks – Koehler and Anderson


9:25 – 9:45 Hatch, R., Ruhl, C., Smith, K, and Abercrombie, R., 2018, Precise relocations, source parameters, and directivity effect for five recent earthquake sequences near Nevada Urban Areas


10:05 – 10:30 Coffee Break


11:50 – 1:30 Lunch
1:30 – 1:50 Bormann, J., Hammond, W.C., Kreemer, C., and Blewitt, G., 2018, **GPS constraints on present-day slip rates in the northernmost Walker Lane: Reno, Carson City, and Tahoe region, NV and CA**

1:50 – 2:10 Hammond, W., Kreemer C., and Blewitt, G., 2018, **Robust Estimation of Fault Slip Rates Using GPS Imaging in the Walker Lane and Western Great Basin**

2:10 – 2:30 Kreemer, C., Young, Z. Hammond, W., Blewitt, G., 2018, **Robust Estimation of the Secular and Time-Variable Strain Rate Field in the American Southwest**

2:30 – 2:50 Brune, J, 2018, **Update on PBR Constraints on Ground Motion from Normal Faults**

2:50 – 3:10 Break

3:10 – 4:10 Discussion: Implications to the National Seismic Hazards Map and priorities for future research - All

4:10 – 4:30 Summary of seismicity, ground motions, and geodesy and concluding remarks – Koehler and Anderson

4:30 Adjourn