ABSTRACT: Dr. French will present a brief overview of near-surface geophysical methods and their application to geotechnical engineering. The presentation will include several case histories from projects in the Pacific Northwest including landslide investigations, downhole seismic surveys, seismic surface wave analysis, and paleo-channel mapping.

BIOGRAPHY: Dr. Rowland French is President and Senior Geophysicist at Northwest Geophysical Associates, Inc. (NGA) providing geophysical services for geotechnical, environmental and groundwater projects in the Pacific Northwest and around the world. Rowland has been with NGA in Corvallis, Oregon, since 1988 and has worked on diverse projects from the National Missile Defense radar site on Shemya Island in the Aleutian Islands to port facilities in Ecuador. Dr. French received his bachelor degree in Physics from Dartmouth College, his MS in Physics and Ph.D. in Geological Sciences from the University of Michigan.