

ground under

Center for Underground
Construction & Tunneling

TUNNELING SEMINAR

MONDAY OCT 22nd @4:00 pm in Brown W210

FREE FOOD

Los Angeles Metro Subway

Presentation will include background on transit planning in Los Angeles, a region known for seismic conditions and subsurface gasses. Discussion topics:

- Planning and design of Existing Red Line system
- Geology and gassy ground
- Seismic design
- Tunnel and station construction methods
- Design and Construction Eastside Extension Light Rail Line – Underground segment
- New Projects: Westside Subway Extension, Regional Connector

PRESENTER:



Amanda Elioff, P.E.
Parsons Brinkerhoff

Amanda Elioff is a geotechnical and tunneling engineer with Parsons Brinckerhoff (PB) in Los Angeles. Her background is in the design and analysis of tunnels and underground structures for transportation and water projects. Currently, she is PB's Deputy Project Director for design of the Los Angeles Metro's Westside Subway Extension.

In addition to Amanda's project responsibilities, she has been active in a number of professional associations - International Tunneling Association (ITA), American Society of Civil Engineers (ASCE), and the Underground Construction Association of the Society of Mining Engineers (UCA of SME).

Amanda received her MS and BS degrees in Civil Engineering from the University of Texas at Austin. She is a registered Professional Engineer in the states of California and Texas.