



www.aegsacto.org
www.aegweb.org

Advanced Rock Slope Stability Analysis: Numerical Methods

Two-Day Short Course (1.5 CEUs)



WHO:

Engineering Geologists, Geological Engineers, and Geotechnical Engineers seeking an intermediate to advanced level of instruction on numerical methods for slope stability analysis. This course builds on the techniques presented at our 2007 short course on "Rock Slope Stability Analysis & Design". Attendees of this course are expected to have a basic understanding of rock mass classification and limit equilibrium slope stability analysis.

WHAT:

This course will review the processes and mechanisms responsible for landslides in rock, concentrating on various numerical analysis methods. Emphasis will be placed on case studies and practical tutorials involving the use of numerical stability analysis techniques and examine the modeling of such phenomenon from initiation and development to catastrophic failure.

This professional development course will provide the tools and knowledge needed to analyze slope stability problems in rock. This will be achieved through a series of lectures and case histories led by Erik Eberhardt (UBC, Vancouver). Accompanying the lectures and case studies will be a series of hands-on tutorials focusing on the different software used for slope stability analysis. These include the continuum finite-difference program FLAC and the discontinuum distinct-element program UDEC.

To Register Visit:
www.aegsacto.org

When:

April 17-18, 2008
 (Thursday and Friday)
 8:30 am - 5:30 pm
 (Registration begins at 8am)

Where:

Wallace-Kuhl and Associates, Inc.
 First Floor Conference Room
 3251 Beacon Blvd.
 West Sacramento, CA 95691

Short Course Fee:

\$250 AEG Members
 \$300 Non-Members
 \$350 at the door,
 if space is available

**Class is limited to 40 participants*

Instructor:

Dr. Erik Eberhardt, P.Eng.
 Geological Engineering
 Earth & Ocean Sciences,
 University of British
 Columbia, Vancouver, Canada

Corporate Sponsorships Available