

**GEOTECHNICAL GROUP
LOS ANGELES SECTION - ASCE**

MEETING NOTICE

Wednesday, June 17, 2009

CURRENT RESEARCH IN DRAINED RESIDUAL STRENGTH FOR LANDSLIDES

Timothy D. Stark, Ph.D.

University of Illinois, Urbana-Champaign

ABSTRACT

This presentation will describe current research at the University of Illinois on the drained residual strength for use in the analysis and remediation of landslides. In particular, the importance, existence, and use of the cohesion shear strength parameter will be discussed and torsional ring shear data that investigates the possibility of pre-existing shear surfaces undergoing healing or strength gain with time will be presented. Dr. Stark will also present updated empirical correlations for the drained residual and fully softened strengths from the previous empirical relationships published by Stark, Choi, and McCone (2005).

SHORT BIO

Dr. Timothy D. Stark has been a Professor of Geotechnical Engineering at the University of Illinois at Urbana-Champaign since 1991. His research interests include the static and seismic stability of natural and manmade slopes, three-dimensional slope stability analyses, and earthquake-induced liquefaction and post-liquefaction strength of cohesionless soils. Dr. Stark has received a number of awards for his research and teaching activities including being elected a Fellow by the American Society of Civil Engineers (ASCE), 2005; the R.M. Quigley Award from the Canadian Geotechnical Society, 2003; Standard Development Award from the ASTM, 2002; Walter L. Huber Research Prize from ASCE, 1999; University Scholar Award from the University of Illinois, 1998; Thomas A. Middlebrooks Award from ASCE, 1998; News Correspondent Award, ASCE, 1995; Dow Outstanding New Faculty Award from the American Society for Engineering Education, 1994; Xerox Award for Faculty Research, College of Engineering, University of Illinois, 1993; Arthur Casagrande Professional Development Award from ASCE, 1992; and the Edmund Friedman Young Engineer Award for Professional Achievement from ASCE, 1991.

SOCIAL HOUR:	5:30 p.m.
DINNER:	6:30 p.m.
PROGRAM:	7:30 p.m.
PLACE:	Stevens Steak House 5332 Stevens Place, City of Commerce Southwest Corner of I-5 & Atlantic Boulevard
PRICE:	\$35 with reservation (free with valid Student ID) \$40 at the door
RESERVATIONS:	Scott J. Brandenburg By e-mail to sjbrandenberg@ucla.edu

**Please make reservations by e-mail prior to:
12 noon, Friday, June 12, 2009**