

SLOPE STABILITY WITH DR. TIMOTHY D. STARK

THURSDAYS, OCTOBER 13, 20, & 27 | 11:00 AM - 1:00 PM PACIFIC | VIRTUAL

REGISTER

MEMBERS \$300

NONMEMBERS \$450



DR. TIMOTHY D. STARK

Engineering Professor

University of Illinois at Urbana-Champaign

TOPIC 1 Critical Cross-Section & Failure Surface

TOPIC 2 2D and 3D Static Stability Methods

TOPIC 3 Types of Drained and Undrained Shear Strengths

Course Case Studies

1. California Fully Softened Strength Case
2. California Housing Development Landslide Case History
3. Slope Failures During 1964 Alaskan Earthquake and Undrained Strengths

Biography

Timothy D. Stark is a Professor of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign with expertise in geotechnical engineering. Dr. Stark has been conducting interdisciplinary research and teaching on the static and seismic stability of natural and manmade slopes, such as dams, levees, floodwalls, and waste containment facilities. He has been involved in a number of projects on these topics, which has facilitated the transfer of his research results to practice. He is currently researching three-dimensional slope stability, inverse and runout analyses of slope failures, and slope stabilization techniques.