



Slope stability analysis in Slide2 and Slide3

2D & 3D Slope Stability Analysis

DAY 1

Module 1: Overview of Limit-Equilibrium Methods for Slope Stability Analysis

- Failure modes of soil and rock slopes
- 2D and 3D limit-equilibrium methods

Module 2: Material Behaviour Models And Model Building

- Model building (3D to 2D, 2D to 3D)
- Material behavior models (anisotropic vs. isotropic material models)

Module 3: Searching Methods

- Selection of method for locating minimum factor of safety
- Failure surface optimization techniques

DAY 2

Module 4: Modelling Supports for Slope Stability Analysis

- Selecting supports
- Introducing RSPile

Module 5: Finding the Critical FoS for 2D and 3D

- Tips and pitfalls
- Why 2D and 3D analyses
- Comparison of 2D and 3D results

Date

October 26–27, 2021
10:00 AM – 2:30 PM EST

Venue

This course will be conducted online.

Registration Information

Early Bird: USD \$400
(until September 17th, 2021)

Regular: USD \$495
(from September 18th, 2021)

Professor + Student Combo Offer

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Regular: USD \$495
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What's Included

- Course material package
- One month trial license of RSPile, Slide2, and Slide3
- PDH certificate

Course Instructors



Brent Corkum, Ph.D.
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Geomechanics Specialist, Rocscience