



Description:

The course, Designing Complex Retaining Walls using RISAFoundation Integration, is 1.5 hours of on-demand and hands-on training that explores ways to leverage the integration between RISA-3D and RISAFoundation to design custom retaining wall structures and other unique foundation situations. By rethinking where a RISA-3D model ends and a RISAFoundation model begins, users can learn to utilize the strengths of both programs to produce accurate analysis models, and to design underground structures that require more than simple hand calculations. Underground concrete water tanks, culverts, basement walls, and manhole vaults can all benefit from a combination two-part workflow where RISA-3D and RISAFoundation work seamlessly to design the complete structure.

Learning Type: Virtual (On-Demand)

Price: \$125

Topics Covered:

RISAFoundation / RISA-3D Integration Basics

- Load Categories
- What reactions come over to RISAFoundation?
- Service & Strength combinations
- Features & limitations of basic retaining wall module

Simplified and Complex Model Comparisons

- Modeling retaining walls within RISA-3D
- Wall interaction
- Wall contours
- Retaining walls on slab example

Results

- Reinforcement design
- Spreadsheet results
- Review soil pressure design

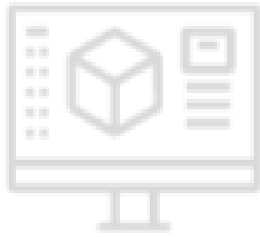
Examples

- Culvert wing walls
- Tie-back walls
- Counterfort walls

Benefits of Attending:

- Self-Paced, On-Demand Learning
- "Learn by Doing" with Real World Models
- Master Complex Workflows
- Discover Unique Tools

What You Will Learn



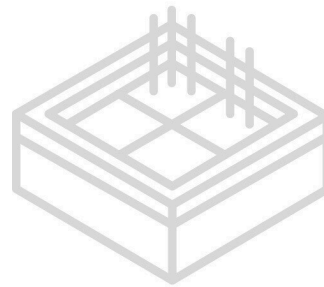
Integration with RISA-3D



Retaining Walls in RISA-3D & RISAFoundation



Review & Interpret Results



Review Realistic Models