RISAcademy
ON-DEMAND

Description:

The RISA-3D Lateral Design Course is a 1.5-hour hands-on training that focuses on the lateral capabilities of RISA-3D. The instructor will discuss the application of lateral load generation, diaphragms, and tools to assist users in modeling lateral systems. The course is aimed at users who are familiar with the RISA-3D interface and are interested in learning more about the specifics of the lateral functions of the program.

Learning Type: Virtual (On-Demand)

Price: $125

Topics Covered:

Load Generators

- Wind load generation
- Seismic load generation
- Notional load generation
- Other load application tools

Diaphragms

- Rigid diaphragms
- Semirigid diaphragms
- Flexible diaphragms
- Diaphragm tools

Drift Design

- How RISA-3D can help with drift checks

Integration with RISAFloor

- Capabilities of an integrated model
- What is available in standalone vs. integrated models

Workflow Example

- Wind/Seismic load generation
- Creating load combinations
- Viewing lateral deflected shapes and comparing to drift values
- Distribution of lateral force into lateral force resisting element

Benefits of Attending:

- Deep dive into more advanced topics
- "Learn by Doing" with real world examples
- More in-depth knowledge of diaphragms and systems within RISA-3D

What You Will Learn

Diaphragm Modeling

Lateral Load Generation

Full Model Workflows

Lateral Design Tools