**MOTIVATION**

Traditional risk analysis approaches fail to capture subjective uncertainties and expert knowledge, and they rely on historical data. Opportunities are often not captured.

**FUZZY RISK ANALYZER©**

Fuzzy Risk Analyzer© (FRA©) is a software tool for determining construction project contingency based on an assessment of risks and opportunities using natural language.

**SYSTEM SETUP**

Create or open project → Create work breakdown structure → Assign risk and opportunity events → View contingency results

**UNIQUE FEATURES OF FRA©**

- Many useful built-in features to reduce data entry
- Flexibility to customize and calibrate linguistic terms
- Extensive and customizable risk and opportunity events
- Templates of work packages

**BENEFITS OF FRA©**

- Faster analysis with greater accuracy, freeing up contingency reserve
- Experts focus efforts on assessing risks and opportunities rather than developing distributions
- Reduces subjectivity of expert assessment
- Opportunities are explicitly considered

![Project Contingency](image)