

Risk Generator

Risk Generators 01/30/2025



Florida Roads





Jenny Miller

She is a Constructor Contractor who is attempting to create an underground tunnel in Florida to reduce traffic and open up a path that is able to bypass downtown traffic. She has not worked in Florida before and wants to compare the project to other projects done in Florida so she knows what type of environmental hazards there might be.



Use Scenario

Jenny Miller is planning to create a multi-million dollar underground tunnel in Florida and wants to find out when the best time to create it would be. She is planning on getting on a plane and wants to look at the risks of previous construction projects in Florida, but she will not have access to the internet. Luckily, due to the way the website works, she is able to click the download button on the website so she can read them while flying.

Risks

1.	~ ~ - - -
2.	~ ~ ~ ~ ~
3.	~ ~ ~ ~ ~
4.	~ ~ ~ ~ ~
5.	~ ~ ~ ~ ~
6.	~ ~ ~ ~ ~
7.	~ ~ ~ ~ ~
8.	~ ~ ~ ~ ~
9.	~ ~ ~ ~ ~
10.	~ ~ ~ ~ ~

☐ Advanced View

[Click here to download](#)

Data Entry Form

Project Name:

Location:

Type:

Delivery Method:

Size:

Selection Criteria:

Number of Risks 10 ● 20 ○ 30 ○



Other Views

Our app will feature a “Compare Results” feature, where the user will be able to fill out two questionnaires and compare the associated risks. This page will show both tables of results, which will allow for observation of the effects of changing a feature of the project (such as budget) will have on the risks.



Usability Goals and Concerns

- We want the users to be able view a list of results that show possible risks that previous projects ran into based on location.
- We also want the users to be able to compare results and be able to download the different project information.
- We are being given python code that will sort through the previous projects to get the risk results but are unsure if it only works with the specific questionnaire given to us and how the algorithm works.