Enhance transportation plans with resilience at it's core.

Fernleaf assesses roadway vulnerability to increased precipitation, sea level rise, and landslides—using current scenarios and future projections. Our insights help planners identify at-risk transportation systems and integrate resilience into project evaluation, ensuring smarter, data-driven infrastructure investments.

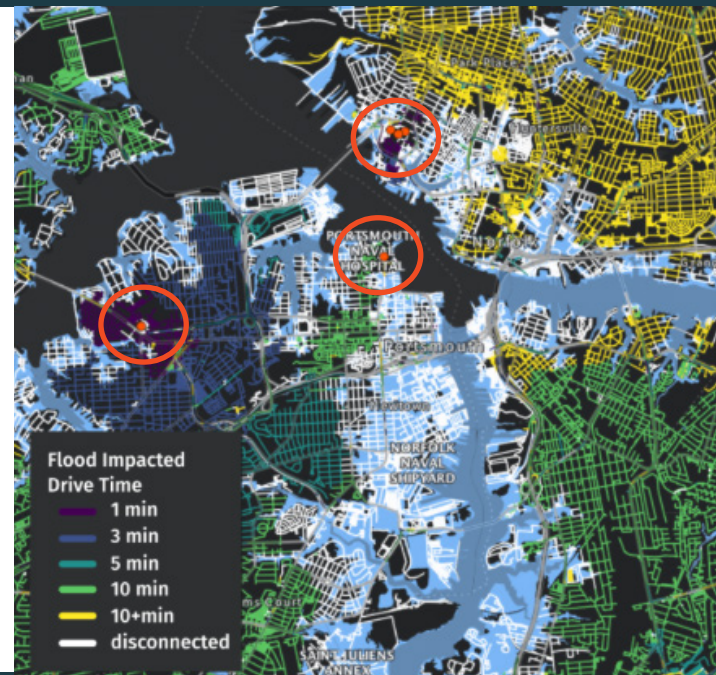## Options for Further Analysis

Network Analysis
Examines pathways to core services and their impact on highly vulnerable communities.

Targeted Bridge Analysis
Identifies the best detour options to minimize disruption from impacted high-use bridges.

Community Impact Summaries
Highlights vulnerable populations and key businesses affected by impacted roadways.

Flood Impacted Drive Time
- 1 min
- 3 min
- 5 min
- 10 min
- 10+ min
- disconnected

Key Benefits

Resource Prioritization
Identify areas of vulnerability to direct resources where individuals need them the most.

Collaborative Decision Making
Empower stakeholders and planners with a centralized, data-driven report that can guide informed discussions and collective decision-making.

Resilience-Based Approach for Long Range Transportation Plans
Improve current methodologies for prioritizing resilience projects in regional and state long range transportation plans.