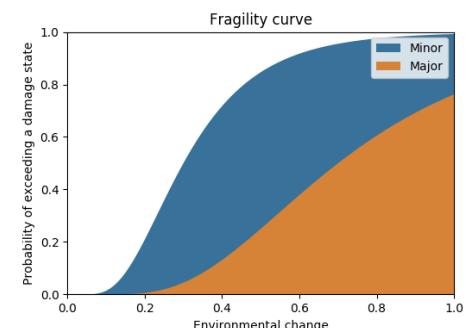
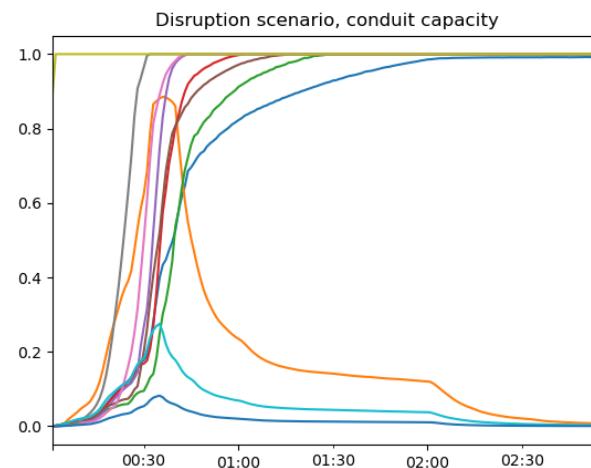
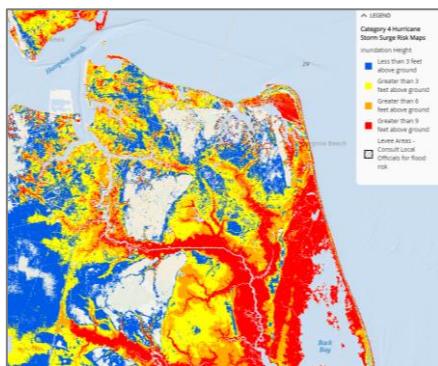


1 | Stormwater and Wastewater Analysis using S-WNTR

The Water Network Tool for Resilience (WNTR) will soon include resilience analysis capabilities for stormwater and wastewater systems

- Capabilities reside in WNTR's stormwater module but are intended to be used as a standalone package (S-WNTR)
- Couples WNTR with SWMM, pyswmm, and swmmio
- Easily add power outage controls, modify rainfall timeseries, and extract simulation results
- Couple analysis with geospatial hazard maps, the location of critical assets, and fragility curves
- Run N-1 criticality analysis, identify critical travel paths, and downstream capacity restrictions
- Evaluate the impact to populations and services by coupling geospatial data with simulation results





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