Before we begin...

- Welcome! Please take a moment to introduce yourself in the chat function.
- This workshop will be recorded.
- Your microphones are muted to start. This helps us to limit background noise.
- If you have any technical questions, please chat Alisa Goren or email her at <u>alisa@brsinc.com.</u>

EPA BUILDING BLOCKS FOR REGIONAL RESILIENCE

WELCOME

Workshop #2

Workshop Agenda

TOPICS FOR TODAY

- Welcome and Agenda
- Survey Results: Top 5 Priorities Mary Roderick, LOSRC
- Comparison of Priorities with COVID-19
 Priorities/Critical Facilities Mary Roderick, LOSRC
- AccelAdapt Demonstration Using Top Priorities Mary Roderick, LOSRC
- Vulnerability Assessment Scoping Mary Roderick, LOSRC
- Small Group Activity: Rapid Vulnerability Assessment – Abby Hall, EPA
- Wrap-up and Next Steps Mary Roderick, LOSRC

VULNERABILITY ASSESSMENT SCOPING Mary Roderick

Regional Planner Land of Sky Regional Council

Community Asset Survey (Essential/Critical)

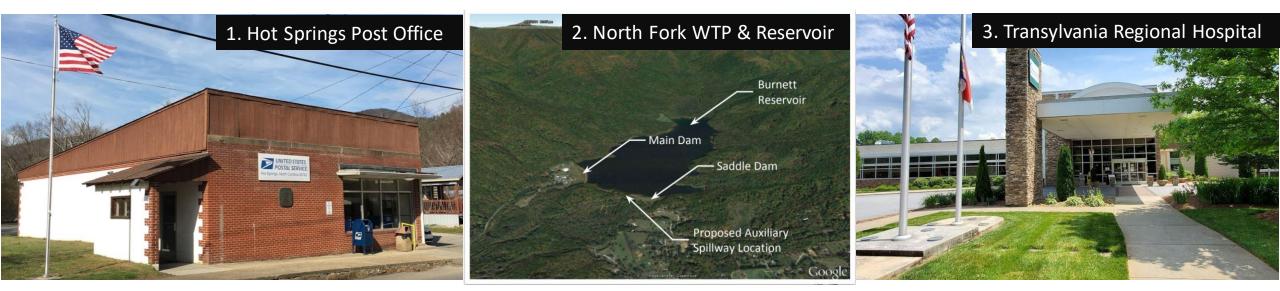
Specific Assets	Asset Classes
North Fork WTP and Reservoir	Floodplains, parks & farms
Transylvania Regional Hospital & Mission Health Care System	Major roads, bridges, low-lying roads
Transylvania EMS (Quebec Station), Brevard EMS, Buncombe EMS	Communication infrastructure, utilities
Woodruff Landfill	Buildings, housing
I-40, I-240, Skye Drive, Crestview Drive, Wilson Rd, US 64, US 276	Food banks
Pisgah National Forest	Grocery stores & warehouses

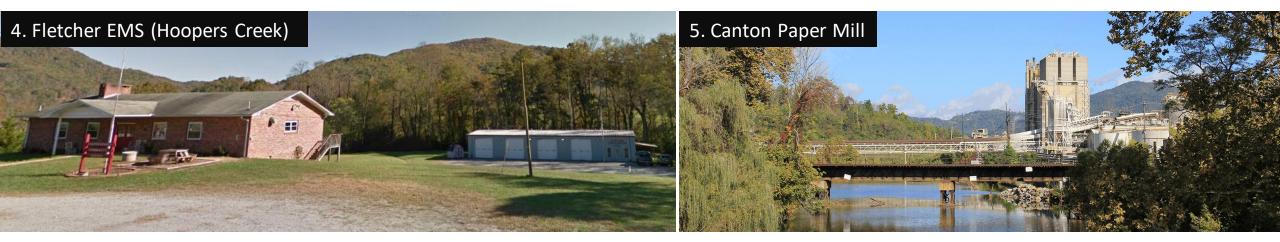
Most served the entire community and region, including sensitive populations, and have medium to high vulnerability

LOS Asset Classes

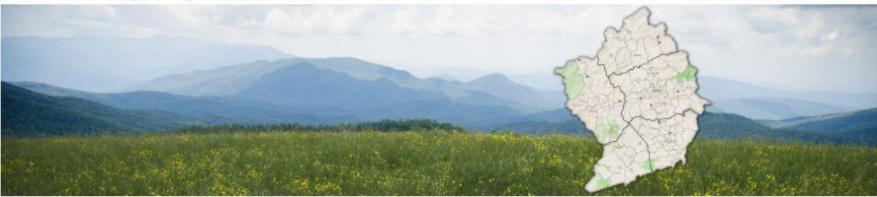
Asset Category	Description	Total Assets
Commercial Property	Includes non-residential properties that serve businesses and organizations, including industrial, retail, offices, restaurants, and hotels. These assets typically support commerce, jobs, and tourism.	8,994 parcels
Government-Owned and Critical Facilities	Includes fire and police stations that aid in emergency response, medical facilities, schools, energy and utility facilities, and transportation-related facilities.	3,656 parcels
Residential Property	Includes all single-family residences, multiple-family residences, low-income housing, apartments, manufactured houses, and mobile home parks.	189,208 parcels
Natural Property areas (including undeveloped parks), and developed parks (including cemeteries and golf courses).		11,946 parcels
Roads	All major and minor roads in the region.	9,450 linear miles

Rapid Vulnerability Assessment Assets



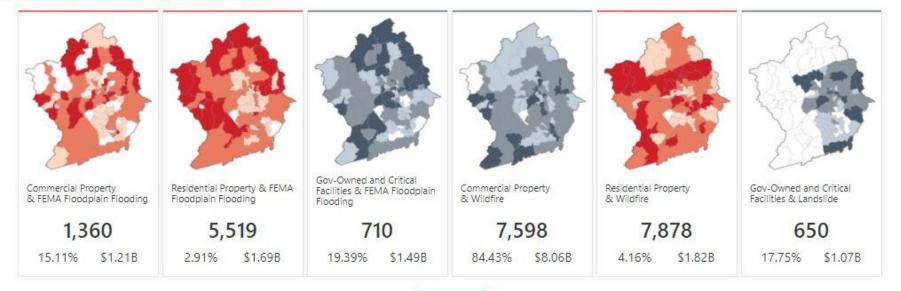


Land Of Sky Region Resilience Assessment



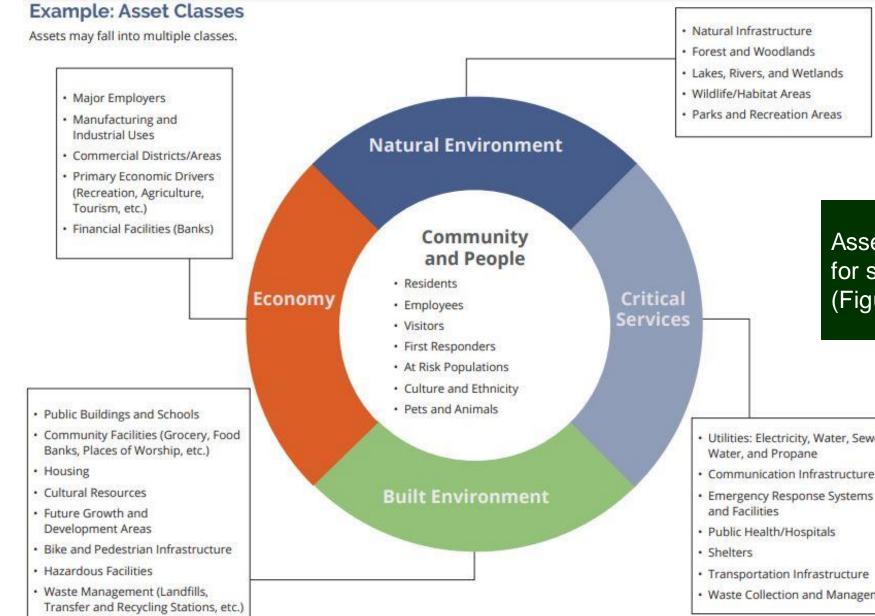
AccelAdapt Asset Tour

Most Affected Asset / Threat Pairs (1)



⊞ Show all

Rapid Vulnerability Assessment



Asset classes can provide ideas for specific asset to focus upon (Figure 31 from RRT)

- · Utilities: Electricity, Water, Sewer, Storm
- Communication Infrastructure

- Waste Collection and Management

• 2 worksheets from Regional Resilience Toolkit (2.6 & 2.7)

- Basis for small group activity
- Partially pre-filled based on survey results (provided prior to Workshop 2)

2.6 Rapid Vulnerability Assessment Exercise

ASSET: Hot Springs Post Office

<u>Hazard</u> (note past occurrences):		Hazard Impact statement:			
River, but immediately adjacent to Spring Creek, built before BFE requirements Wildfire - In WIII rick area, but within 5min drive		Flooding - significant portion of Hot Springs affected, with severe damage, occasional probability of recurrence (but more often than 500yr), high overall significance			
Existing Conditions Describe the asset and highlight current conditions or stressors that could affect vulnerability					
Physical asset functions (e.g., type of land use, community served, services provided):	Type: Residential Institutional Industrial Commercial Other:		Community Served (e.g., public, elderly): Entire community		
Post office					
Who owns the asset? Are owner and manager different?	Owner:		Manager:		
Lost My Marbles, LLC (Mars Hill)	Private		Private Different than owner? If so, explain:		
What is the current condition of the asset? Has it recently been upgraded or retrofitted?		No when and to	what standard:		

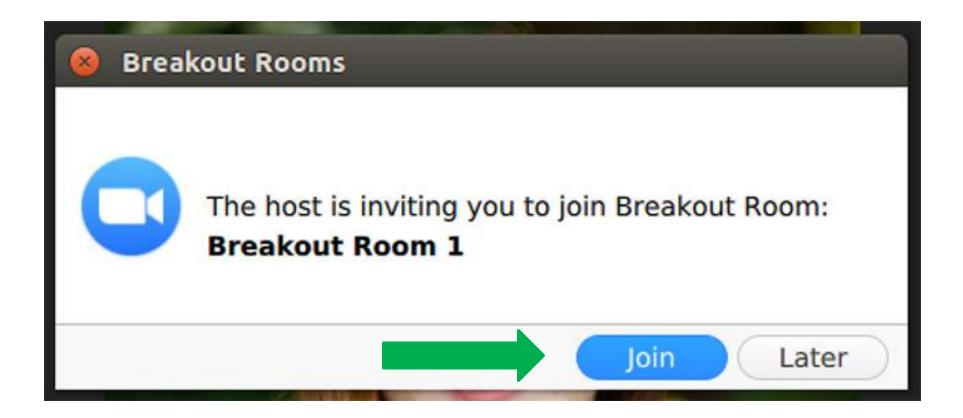
Physical Vulnerabilities

ldentify conditions or design aspects that make an asset particularly vulnerable to impacts

What characteristics make the asset more or less vulnerable to hazard? Examples include water-sensitive mechanical components, flammable building materials, or location access.

Worksheet/Exercise Q&A

Breakout Rooms



Breakout Rooms

Group 1	Group 2	Group 3	Group 4	Group 5
Hot Springs Post Office	North Fork WTP and Resevoir	Transylvania Regional Hospital	Fletcher EMS Station	Canton Paper Mill

Report Out

WRAP UP

HOMEWORK

NEXT SESSION

Wrap-up + Next Steps

WORKSHOP #3 AGENDA

•Small Group Activity – Strategy Development &

Implementation Plan

- •Report Out
- •Making the Business Case for Resilience
- •Final Wrap Up and Next Steps

Wrap-up + Next Steps

- •Worksheet 3.1 Think about a problem statement for your group's asset based on your discussion today.
- •Worksheet 3.2 Review for strategy ideas.
- •Worksheet 3.4 Review example of strategy development & implementation.
- •Watch Funding 101 video

brsinc.com/landofsky

Wrap-up + Next Steps

WE LOOK FORWARD TO SEEING YOU AT THE THIRD WORKSHOP!

September 30, 2020 at 1:00 PM Next Session will be 2 hours

CONCLUSION

Project Staff Will Stay on for 15 Minutes to Answer Any Questions

Contact Information:

Abby Hall, U.S. EPA: <u>hall.abby@epa.gov</u> Mary Roderick, LOS: <u>mary@landofsky.org</u> Erica Anderson, LOS: <u>erica@landofsky.org</u> Steve Nelson, Eastwick Solutions: <u>steve@eastwicksolutions.com</u> Alisa Goren, BRS: <u>alisa@brsinc.com</u>