

Regional Resiliency Toolkit & Guidebook

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More Extreme Weather

5 tornadoes confirmed in Warren County;
Twisters also reported in Darke, Mercer,
Auglaize counties



<https://www.daytondailynews.com/local/multiple-storm-surveys-planned-for-miami-valley-after-tuesday-storms/26GHGKGTABAF5EGXY5LB7FQFPM/>

6 tornadoes confirmed in Ohio, including EF-3
in Logan, EF-2 in Darke, Miami counties



<https://www.daytondailynews.com/local/injuries-entrapments-damage-reported-after-storms-suspected-tornado-in-darke-county/DEON2M6GIVH6FMR3ZQVG2YTLDE/>

Ohio leads nation in tornadoes to start
2024



<https://www.daytondailynews.com/local/ohio-leads-nation-in-tornadoes-to-start-2024/LSX3XSGQGVS7EHOIQGJR32C4Q/>

Hot weather prompts health alerts as
regional temps near records

<https://www.daytondailynews.com/local/hot-weather-prompts-health-alerts-as-regional-temps-near-records/HXSJVZGXFZCIVJ27JEQ2YBAFUY/>

Highs could break 120-year old record this
week; Rain expected on Halloween

<https://www.daytondailynews.com/weather/mostly-sunny-hot-breezy-today-rain-expected-on-halloween/PISEI6LGUJEN3LU34R4LBOGRUQ/>

Ohio ties record for total tornadoes in a
year; new record likely for 2024

<https://www.daytondailynews.com/local/ohio-ties-record-for-total-tornadoes-in-a-year-new-record-likely-for-2024/6NY3G33LMRBZXBDO5ZTJPD26N4/>

Abnormally hot today, Tuesday; Chance for
severe weather Wednesday

<https://www.daytondailynews.com/weather/sunny-with-hot-hot-temps-today-tuesday/ICE3DA27BZG6TBLRMEKH3IM6U4/>



Resiliency Planning

- In 2023 MVRPC began to shift focus to resiliency planning
- Members indicated they did not want a traditional plan, rather a tool to help them plan for their community needs



Resiliency Planning

Regional Goals

1. Increase public awareness.

- a. Establish educational programs to increase awareness of risks associated with natural disasters.
- b. Develop campaign to provide residents with contact information related to disaster preparedness.
 - i. MVRPC, county administrator, etc
- c. Coordinate training opportunities for residents to understand how to navigate recovery concerns (i.e. how to hire a credible contractor, navigating insurance claims, etc.)

2. Create and strengthen partnerships.

- a. Strengthen communication between communities across the region.
- b. Establish mutual aid agreements between communities within the region to support aid in disaster response and recovery.
- c. Convene members of the regional COAD and other community partners to continue to strengthen the region's recovery network.

3. Build Resilience/Prevent Risks/Share Resources.

- a. Create training opportunities to support response and recovery efforts after a disaster.
- b. Promote the development of communication plans/systems to inform partners and residents of recovery needs and progress.
- c. Establish a centralized database for local recovery resources such as contact info, best practices, templates, etc.

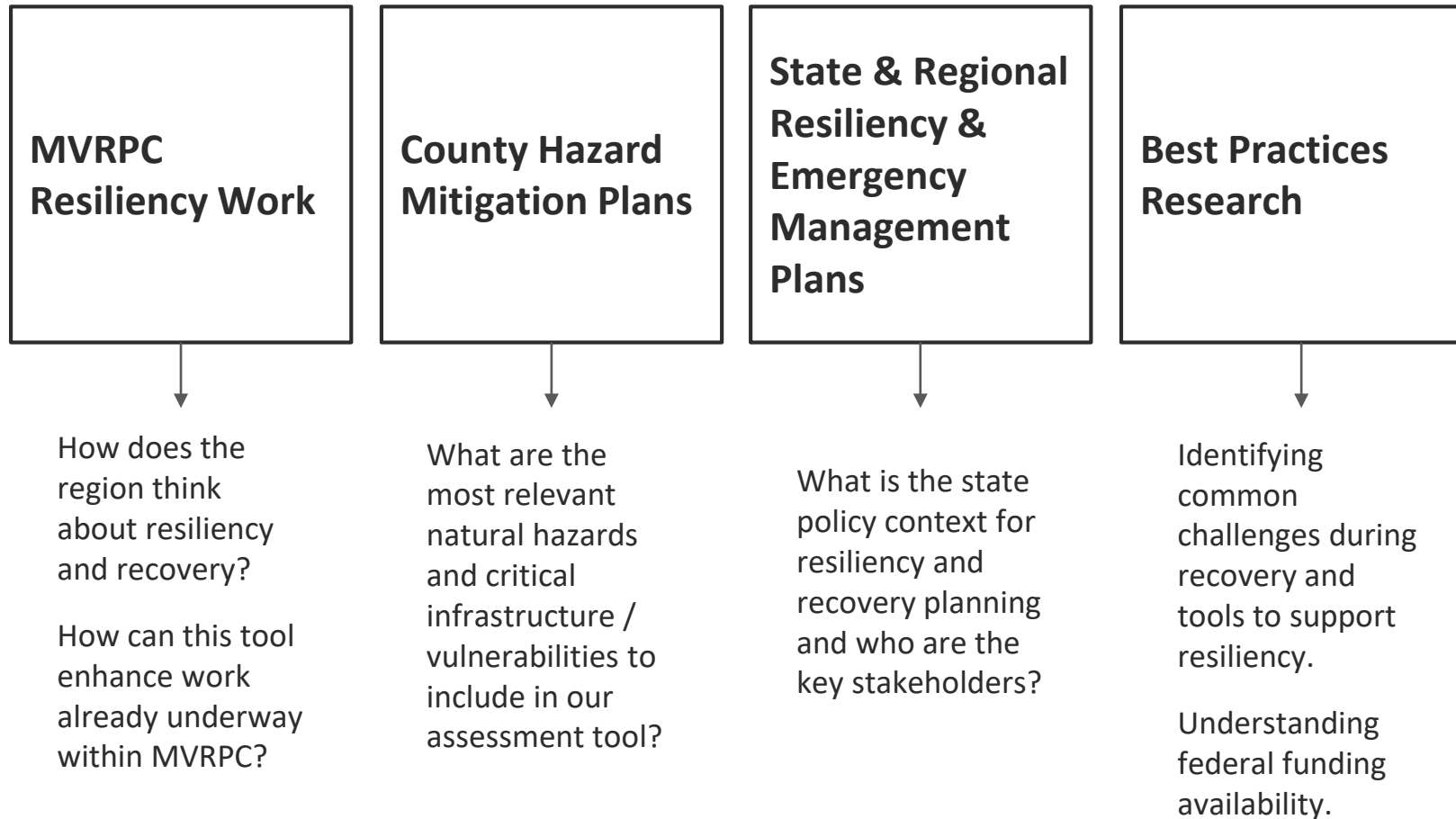
4. Protect assets.

- a. Identify and share funding opportunities to strengthen the built environment, economy and housing stock.
- b. Mitigate extreme weather events through climate pollution reduction and ecosystem services.
- c. Preserve water resources and continue to manage flood protection systems.
 - i. Actors: Miami Conservancy District



Resiliency Planning

Existing Material



Resiliency Planning

User Test Group

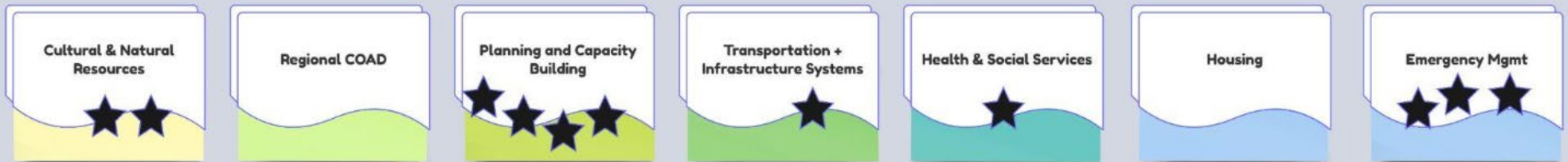
10 participants

5 categories of professional roles

4 workshops

PARTICIPANT TYPE	NUMBER
Planning & Building Dept.	4
Emergency Mgmt.	2
Cultural & Natural Resources	2
Transportation	1
Health & Social Services	1

What is your role?



Resiliency Toolkit



[About](#) [Actions](#) [Resources](#)



[Data Explorer](#)

Miami Valley Regional Planning Commission
Resiliency Guidebook & Toolkit

Positioning people and their communities to identify hazards and adapt to changing conditions.

Resilience is the ability of people and systems to bounce back from disaster or stress. Planning resilient communities requires a collaborative approach based on strong networks, local knowledge, and awareness of broader conditions.

Scroll Down to Explore!



We Need Both

MITIGATION ADDRESS THE CAUSE



Waste Reduction



Sustainable Transportation



Building Electrification



Clean Energy

ADAPTATION ADDRESS THE IMPACTS



Green Infrastructure



Water and Energy Conservation



Building Weatherization



Smart Growth

Sea Level Rise Protection



Disaster Preparedness



Equip Communities for Extreme Weather



Restoration of Natural Areas

