

**CLERMONT COUNTY HAZARD MITIGATION PLAN 2025 UPDATE**  
**STAKEHOLDER MEETING #4 – DRAFT PLAN RELEASE**  
**MINUTES**

Date: October 23, 2025  
Time: 2:00 p.m.  
Duration: Approximately 120 minutes  
Location: Clermont County Emergency Operations Center  
2279 Clermont Center Drive, Batavia, OH 45103  
Virtual via MS Teams  
Attendees: 26 representatives (5 municipal, 9 county, 1 state/federal, 3 public)

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On October 23, 2025, the Clermont County Emergency Management Agency (EMA) convened a group of stakeholders to discuss the plan maintenance process to be utilized moving forward, methods to allow public review and comment, and the plan adoption process. This was a hybrid-style meeting providing both in-person and virtual options. The in-person meeting was held at the Clermont County Emergency Operations Center (EOC) in Batavia; several stakeholders also attended the meeting virtually via MS Teams. The meeting began at 2:00 p.m. (and lasted approximately 120 minutes).

The Clermont County Emergency Management Agency (CCEMA) will continue to be the custodial agency for the county's hazard mitigation plan moving forward. The county will utilize their Local Emergency Planning Committee (LEPC) as a venue to hold annual hazard mitigation plan update meetings over the next five year cycle. Many of the hazard mitigation planning stakeholders are also members of the LEPC. The LEPC compiles minutes of its meetings, thus the annual mitigation discussion will be documented.

Stakeholders also recognizes that post-disaster periods following incidents that generate federal disaster declarations offers an opportunity to review this document while impacts are fresh in the minds of stakeholders.

Once a draft of the plan is made available, CCEMA will launch a 30 day public comment period. The draft plan will be published on the EMA website, and 10 hard copies will be placed at the local library branches. Hard copies will also be available at the EMA and the third floor of the County Administration Building. Stakeholders will be given the opportunity to provide

comments via a web-based survey or hard copy surveys. At the end of the comment period, the contractor will make the necessary changes and then submit the plan to Ohio EMA / FEMA for review.

The consultant also discussed the plan adoption process during this meeting. It was discussed that once approved by Ohio EMA/FEMA, the plan would be ready for Promulgation. The EMA will submit the plan to the Board of County Commissioners for promulgation. Once approved, the cities, villages and townships would have one year to promulgate the plan. EMA will send out the final plan along with the Promulgation documentation. Local jurisdictions would submit the promulgation through their normal approval process for adoption. Promulgation documents would be returned to EMA for submission to Ohio EMA and FEMA. All participating cities, villages, and enhanced townships (Batavia, Miami, and Union) are required to submit promulgation documentation for inclusion in the plan.

#### Attachments

- Slide Deck



# CLERMONT COUNTY HAZARD MITIGATION PLAN UPDATE

*Planning Stakeholders Meeting #3  
October 23, 2025 ~ 2:00 p.m.*

1



## WELCOME AND INTRODUCTIONS

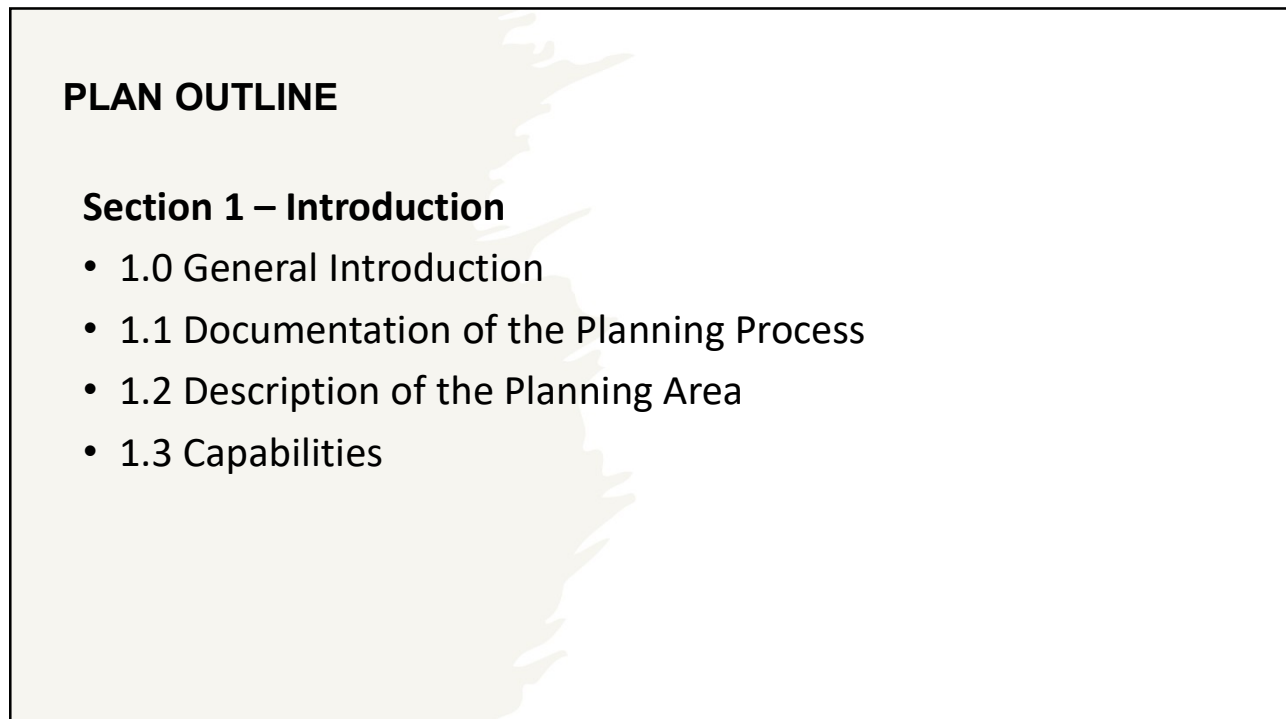
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**AGENDA**

1. Welcome & Introductions
2. Mitigation Planning Overview
3. Public Comment Process
4. Plan Maintenance Process
5. Q&A

3



**PLAN OUTLINE**

**Section 1 – Introduction**

- 1.0 General Introduction
- 1.1 Documentation of the Planning Process
- 1.2 Description of the Planning Area
- 1.3 Capabilities

4

## 1.2 ASSET INVENTORY

<b>"Built Environment" Assets</b>			
<i>Existing Structures</i>	<i>Infrastructure</i>	<i>Critical Facilities</i>	<i>Cultural Resources</i>
<ul style="list-style-type: none"> <li>• Commercial buildings</li> <li>• Industrial buildings</li> <li>• Single &amp; multi-family residential buildings</li> </ul>	<ul style="list-style-type: none"> <li>• Water &amp; wastewater</li> <li>• Power utilities</li> <li>• Transportation (roads, railways, waterways)</li> <li>• Communications systems/centers</li> <li>• Energy pipelines &amp; storage</li> </ul>	<ul style="list-style-type: none"> <li>• Hospitals &amp; medical facilities</li> <li>• Police &amp; fire stations</li> <li>• Emergency operations centers</li> <li>• Evacuation shelters</li> <li>• Schools</li> <li>• Airport/heliports</li> </ul> <p>HIGH POTENTIAL LOSS FACILITIES</p> <ul style="list-style-type: none"> <li>• Nuclear power plants</li> <li>• Dams</li> <li>• Military &amp; civil defense installations</li> <li>• Locations housing hazardous materials</li> </ul>	<ul style="list-style-type: none"> <li>• Historic assets</li> <li>• Museums</li> <li>• Unique geologic sites</li> <li>• Concert halls</li> <li>• Parks</li> <li>• Stadia</li> </ul>

5

## PLAN OUTLINE

### Section 2 – Risk Assessment

- 2.1 Identify Hazards
- 2.2 Describe Hazards
- 2.3 Summarizing Vulnerability
- 2.4 Analyze Impacts

6

## 2.2 HAZARD RANKING METHODOLOGY

Frequency Categories			
<i>Value</i>	<i>Score</i>	<i>Description</i>	<i>Definition</i>
0.76 - >1.0	5	Frequent	Will occur during a year
0.51 – 0.75	4	Probable	Likely to occur in a year
0.26 – 0.50	3	Occasional	May (or may not) occur in a year
0 – 0.25	2	Remote	Unlikely to occur in a year
0	1	Improbable	So unlikely that it can be assumed it will not occur in a year

7

## 2.2 HAZARD RANKING METHODOLOGY

Qualitative Risk Variables						
<i>Response</i>	<i>Onset</i>	<i>Magnitude</i>	<i>Business</i>	<i>Human</i>	<i>Property</i>	
1	< half a day	> 24 hours	Localized (< 10% land area affected)	< 24 hours	Minimum (minor injuries)	< 10% property affected
2	One day	12-24 hours	Limited (10-25% land area affected)	One week	Low (some injuries)	10-25% property affected
3	One week	6-12 hours	Critical (25-50% land area affected)	At least two weeks	Medium (multiple severe injuries)	25-50% property affected
4	One month	< 6 hours	Catastrophic (> 50% land area affected)	More than 30 days	High (multiple deaths)	> 50% property affected
5	> one month	N/A	N/A	N/A	N/A	N/A

8

## 2.2 HAZARD RANKING METHODOLOGY

<u>Range of Points (Score)</u>	<u>Hazard Ranking</u>
7 – 10	Lowest
11 – 15	Low
16 – 20	Medium
21 – 25	High
26 – 30	Highest

9

## 2.3 Summarizing Vulnerability

Summary of Hazard Rankings – Clermont County									
<i>Hazard</i>	<i>Risk Ranking</i>	<i>Frequency</i>	<i>Response</i>	<i>Onset</i>	<i>Magnitude</i>	<i>Business</i>	<i>Human</i>	<i>Property</i>	<i>Total</i>
Cyber Incident	<b>HIGH</b>	5	5	4	2	4	1	2	<b>23</b>
Tornado	<b>HIGH</b>	3	5	4	2	4	3	1	<b>22</b>
Flooding	<b>MEDIUM</b>	5	4	3	2	2	3	1	<b>20</b>
Severe Summer Weather	<b>MEDIUM</b>	5	2	2	5	2	2	2	<b>20</b>
Utility Failure (Non-storm)	<b>MEDIUM</b>	3	2	5	3	2	3	2	<b>20</b>
Hazmat Release	<b>MEDIUM</b>	5	3	5	1	1	3	1	<b>19</b>
Invasive Species	<b>MEDIUM</b>	5	5	1	3	1	1	2	<b>18</b>
Public Health Emergencies	<b>MEDIUM</b>	3	5	1	4	2	2	1	<b>18</b>
Severe Winter Weather	<b>MEDIUM</b>	5	2	1	3	1	3	3	<b>18</b>
Wildfire	<b>MEDIUM</b>	5	3	4	1	2	2	1	<b>18</b>
Dam & Levee Failure	<b>MEDIUM</b>	2	4	1	1	3	3	3	<b>17</b>
Landslide	<b>MEDIUM</b>	5	2	3	3	1	2	1	<b>17</b>
Terrorism/Civil Disturbance	<b>LOW</b>	2	3	5	1	1	2	1	<b>15</b>
Extreme Temperatures	<b>LOW</b>	3	2	1	4	1	2	1	<b>14</b>
Drought	<b>LOW</b>	2	2	1	3	2	1	2	<b>13</b>
Earthquake	<b>LOW</b>	2	2	5	1	1	1	1	<b>13</b>

10

## 2.4 ANALYZE IMPACTS – DECREASED VULNERABILITY

Key Development Influences on Risk in Clermont County		
<i>Development Trend</i>	<i>Hazard Implication</i>	<i>Risk Direction</i>
Launch of CyberOhio initiative and Ohio Persistent Cyber Improvement (OPCI).	Cyber Incident	↓ Decreased vulnerability
Removal of the low-head dam on the East Fork Little Miami River and Cloverlick Creek Dam. Regular inspections and maintenance by state and federal agencies.	Dam Failure	↓ Decreased exposure
Development and launch of the H2Ohio program which addresses water quality and resource issues.	Drought	↓ Decreased vulnerability
Modern residential construction using reinforced materials.	Earthquake, Tornado, Winter Storm	↓ Decreased vulnerability
The identification and communication of available heating and cooling centers throughout the county.	Extreme Temperatures	↓ Decreased vulnerability
Acquisition, relocation, and elevation mitigation projects.	Flash Flooding, Flooding	↓ Decreased vulnerability and exposure
Updates to the Ohio Administrative Code in 2023 to make the sale, propagation, distribution, and dissemination of 61 invasive species illegal. Several efforts take by the Ohio Division of Forestry, Department of Agriculture, the Ohio River Foundation, and the Clermont Soil & Water Conservation District.	Invasive Species	↓ Decreased vulnerability
Decisions to steer future development away from known landslide prone areas.	Landslide	↓ Decreased vulnerability
Establishment of Clermont County Addiction & Recovery Partnership (CARP).	Public Health Emergency	↓ Decreased vulnerability
Development of the Ohio Statewide Terrorism Analysis and Crime Center (STACC), and the Intelligence Liaison Officer (ILO) Program.	Terrorism	↓ Decreased vulnerability
Participation in the annual statewide tornado drill during Severe Weather Awareness Week.	Tornado	↓ Decreased vulnerability
Implementation of smart grid upgrades to include substation and transmission line modernization.	NS Related Utility Failures	↓ Decreased vulnerability
ODNR's implementation of seasonal outdoor burning bans and enforcement of regulations on open burning during high-risk months.	Wildfire	↓ Decreased vulnerability

11

## 2.4 ANALYZE IMPACTS – INCREASED VULNERABILITY

Key Development Influences on Risk in Clermont County		
<i>Development Trend</i>	<i>Hazard Implication</i>	<i>Risk Direction</i>
Growing usage of digital infrastructure and networks	Cyber, Non-Storm Related Utility Failures	↑ Increased complexity
Aging dam infrastructure, average age of dams in the county is 54 years.	Dam Failure	↑ Increased vulnerability
Continuing population growth in Clermont County and increased water consumption demand.	Drought	↑ Increased vulnerability
Expansion of impervious surfaces in urbanizing areas	Flash Flooding, Severe Storms	↑ Increased exposure
The county's location within the Ohio River watershed and surrounding natural areas. Increased shipping and travel in the nearby Cincinnati metropolitan area increase pathways for invasive species.	Invasive Species	↑ Increased exposure
Aging population and pockets of poverty	Public Health, Terrorism	↑ Increased vulnerability
Aging segments of electrical systems, grid, and infrastructure	Severe Summer Weather, Winter Storms, Non-Storm Related Utility Failure	↑ Increased vulnerability
Persistent legacy housing stock (pre-1950)	Severe Summer Weather, Winter Storms, Shelter-in-Place Hazmat	↑ Increased vulnerability
The high prevalence of mobile and manufactured homes in the county which are susceptible to wind damage and account for a disproportionately high rate of tornado fatalities.	Tornado	↑ Increased vulnerability
Development within the Wildland Urban Interface (WUI)	Wildfire	↑ Increased exposure

12

## PLAN OUTLINE

### Section 3 – Mitigation Strategy

- 3.1 Mitigation Goals
- 3.2 Mitigation Actions

13

### Prioritizing Mitigation Actions/Projects

**S**ocial Impacts – Will public support implementation

**T**echnical Feasibility – Can the project be done, will it create more problems

**A**dministrative Req. – Staffing, funding, and maintenance requirements of project

**P**olitical Impacts – Acceptability of project from the political frame, is there political support

**L**egal – Can the project be lawfully implemented. Does jurisdiction have legal authority

**E**nviron. – Will project cause negative environmental consequences if implemented

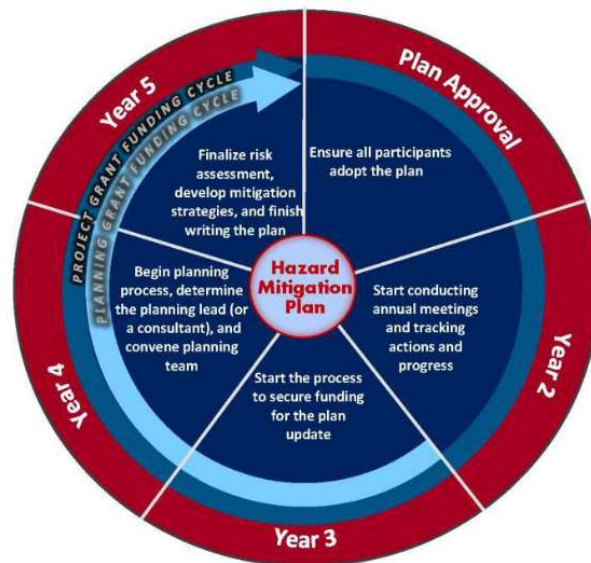
**E**conomic – Cost/Benefit. Is adequate funding available to implement project

14

## PLAN OUTLINE

### Section 4 – Plan Maintenance

- 4.1 Monitoring Evaluating Updating the Plan
- 4.2 Implementation through Existing Programs
- 4.3 Continued Public Involvement



15

## PLAN OUTLINE

### Section 5 - Appendices

- 1 – Planning Process & Involvement
- 2 – Project Prioritization
- 3 – Inactive Projects
- 4 – Public Participation
- 5 – Municipal Flood & Landslide Mapping
- 6 – Plan Citations
- 7 – Crosswalk & Resolutions

16



17