

Clermont County All-Hazards Mitigation Plan Update

Purpose:

- Protect lives and property through the identification of hazards and development of mitigation strategies
- Required by 44 Code of Federal Regulations Part 201.6 and The Robert T. Stafford Disaster Relief and Emergency Assistance Act, 1988
- Plan must be updated every 5 years
- Eligibility requirement for pre-disaster and post-disaster mitigation grant programs

Timeline:

- 2006 1st Hazard Mitigation Plan adopted
- March 2014 2nd Hazard Mitigation Plan adopted
- July 2017 Applied for Pre-Disaster Assistance Grant
- August 2018 Received Pre-Disaster Assistance Grant
- October 11, 2018 Core Planning Team Kickoff Meeting (#1)
- November 15, 2018 Core Planning Team Meeting (#2) and Public Meeting (#1)
- January 23, 2019 Core Planning Team Meeting (#3) and Public Meeting (#2)
- July 24, 2019 Draft Plan release and 30 day public comment period
- July 31, 2019 Core Planning Team Meeting (#4)
- October 17, 2019 Ohio EMA completed 1st Review
- November 17, 2019 Ohio EMA completed 2nd Review
- January 8, 2020 FEMA completed 1st Review
- January 21, 2020 Final Draft submitted to FEMA
- March 2, 2020 FEMA Approved Draft Plan
- April 15, 2020 Plan presented to Board of County Commissioners
- April 22, 2020 Board of County Commissioners approved Plan
- June 15, 2020 Clermont County EMA received official FEMA Approval Letter

Plan Overview

1	Introduction	Provides background on jurisdictions' and the county's features
2	History and Demographics	Provides historical context, communication and utility contacts, and demographic information for the county and the villages
3	Planning Process	Describes the planning process used to develop the Plan
4	Hazard Risk Assessment	Provides a hazard vulnerability assessment for each hazard including: description of events, locations affected, probability of an event occurring and consequences (number of injuries/fatalities; property damage; crop damage)
5	Hazard Mitigation	Provides the hazard prioritization, goals, and detailed mitigation actions
6	Schedule and Maintenance	Discuss the Plan annual review and 5 year plan update requirements
	Appendices	Appendix A: Historical Hazard Events Appendix B: Hazard Mitigation Action – Matrix Scoring Spreadsheet Appendix C: Critical Facilities List Appendix D: Sources Appendix E: FEMA Flood Maps Appendix F: Meeting Documentation

Partners / Stakeholders:

- | | | |
|--|--|---|
| <input type="checkbox"/> Building Code Enforcement | <input type="checkbox"/> Elected Officials | <input type="checkbox"/> Ohio EMA |
| <input type="checkbox"/> Emergency Management | <input type="checkbox"/> Cities, Townships, & Villages | <input type="checkbox"/> ODNR |
| <input type="checkbox"/> Fire Departments | <input type="checkbox"/> Hospital | <input type="checkbox"/> OSU Extension |
| <input type="checkbox"/> Floodplain Administrator | <input type="checkbox"/> Gas, Electric & Propane Utilities | <input type="checkbox"/> Farm Service Admin |
| <input type="checkbox"/> GIS | <input type="checkbox"/> Water/Waste Water Utilities | <input type="checkbox"/> USDA |
| <input type="checkbox"/> Parks and Recreation | <input type="checkbox"/> Waste Haulers | <input type="checkbox"/> USACE |
| <input type="checkbox"/> Planning/Community Development | <input type="checkbox"/> Cable/Satellite Providers | <input type="checkbox"/> General Public |
| <input type="checkbox"/> Public Information Office | <input type="checkbox"/> Telephone & Internet Providers | |
| <input type="checkbox"/> Engineer / Service Road Departments | <input type="checkbox"/> Local Businesses | |
| <input type="checkbox"/> Storm water Management | <input type="checkbox"/> Faith-based and Non-profit partners | |

Risk Assessment – Hazard Prioritization

- | | |
|------------------------|--------------------------|
| 1. Severe Storms | 8. Dam Failure |
| 2. Tornadoes | 9. Invasive Species |
| 3. Flooding | 10. Terrorism |
| 4. Utility Failure | 11. Extreme Temperatures |
| 5. Hazardous Materials | 12. Drought |
| 6. Winter Storms | 13. Wildfire |
| 7. Landslides | 14. Earthquakes |

Mitigation Strategies

All Hazards	<input type="checkbox"/> Develop/update back-up power capabilities at critical facilities <input type="checkbox"/> Update continuity of operation plans (COOP) <input type="checkbox"/> Provide disaster preparedness education and outreach <input type="checkbox"/> Update emergency operation plans (EOP) <input type="checkbox"/> Maintain all-hazard outdoor warning sirens <input type="checkbox"/> Continue code enforcement (e.g. fire, building, zoning, floodplain management)
Severe Storms	<input type="checkbox"/> Public education on having multiple means of receiving alerts/warnings <input type="checkbox"/> Update plans for timely debris clearance following severe storms <input type="checkbox"/> Maintain National Weather Service <i>StormReady</i> certification
Tornadoes	<input type="checkbox"/> Promote Ohio Safe Room Rebate Program <input type="checkbox"/> Identify temporary storm safe locations
Flooding	<input type="checkbox"/> Improve storm water management systems <input type="checkbox"/> Identify and study poor draining areas to control flooding <input type="checkbox"/> Repair or replace ditching and culverts to control flooding <input type="checkbox"/> Continue to identify and study riverbank stabilization opportunities <input type="checkbox"/> Provide guidance to property owners on acquisition/flood proofing <input type="checkbox"/> Encourage residents to purchase flood insurance
Utility Failure	<input type="checkbox"/> Tree trimming along utility lines
Hazardous Materials Accidents	<input type="checkbox"/> Develop wellhead protection plan <input type="checkbox"/> Continue annual LEPC exercises <input type="checkbox"/> Maintain LEPC and Tier II reporting <input type="checkbox"/> Update commodity flow study <input type="checkbox"/> Public outreach regarding disposal of household hazardous waste
Winter Storms	<input type="checkbox"/> Public education on winter weather safety
Landslides	<input type="checkbox"/> Develop map of landslide prone areas <input type="checkbox"/> Enforce slide-prone area ordinances to limit fill/dumping <input type="checkbox"/> Enforce draining control regulations <input type="checkbox"/> Implement sanitary system codes

	<input type="checkbox"/> Provide mitigation guidance to property owners <input type="checkbox"/> Implement restraining structures to hold soil in place <input type="checkbox"/> Implement debris flow measures <input type="checkbox"/> Implement grading to increase slope stability <input type="checkbox"/> Consider vegetation placement and management plans to increase soil stability <input type="checkbox"/> Consider placement of utilities outside of landslide prone areas
Dam Failure	<input type="checkbox"/> Coordination with ODNR to implement Dam Safety Program <input type="checkbox"/> Encourage dam owners to develop/update emergency action plans <input type="checkbox"/> Encourage dam owners to be prepared to respond should their dam fail <input type="checkbox"/> Public education regarding downstream risks <input type="checkbox"/> Coordinate with local communities to ensure they understand the risk
Invasive Species	<input type="checkbox"/> Public education on hazard identification, behavior, and quarantine procedures <input type="checkbox"/> Public education on the importance of not importing/exporting firewood <input type="checkbox"/> Work with agricultural producers to monitor/minimize nutrient runoff to prevent harmful algal blooms
Terrorism	<input type="checkbox"/> Encourage critical infrastructure to implement protective measures <input type="checkbox"/> Coordinate with law enforcement to ensure safety at large public gatherings <input type="checkbox"/> Provide active aggressor guidance
Extreme Temperatures	<input type="checkbox"/> Provide guidance for vulnerable populations <input type="checkbox"/> Provide guidance on utility assistance programs
Drought	<input type="checkbox"/> Encourage property owners to install water reduction equipment <input type="checkbox"/> Develop water storage plans, water use ordinances, contingency plans, and water delivery system plans <input type="checkbox"/> Encourage farmers to purchase crop insurance
Wildfire	<input type="checkbox"/> Public education on smoking hazards and risk of recreational fires <input type="checkbox"/> Public education on extreme fire danger and red flag warnings
Earthquake	<input type="checkbox"/> Use community outreach activities to foster awareness of earthquake mitigation actions <input type="checkbox"/> Work with the insurance industry to increase public awareness of the importance of earthquake insurance

Plan Maintenance:

- Annual Review
- Incorporate New Plans
- Revise Mitigation Strategies as Needed
- Update the Plan every 5 Years

Moving Forward:

- Review the updated All-Hazards Mitigation Plan <https://ema.clermontcountyohio.gov/mitigation-plan/>
- Each City and Village must adopt the All-Hazards Mitigation Plan by June 14, 2021 in order to be included in the plan.
- Each Township is strongly encouraged to adopt the All-Hazards Mitigation Plan by June 14, 2021.
- Submit adoption resolutions to clermontema@clermontcountyohio.gov by June 14, 2021.

Questions: Contact Pam Haverkos at phaverkos@clermontcountyohio.gov or 513.732.7661