Purpose

- Protect lives and property through the identification of hazards and the development of mitigation strategies to reduce or eliminate risk

- Required by 44 Code of Federal Regulations, Part 201. 3 and The Robert T. Stafford Disaster Relief and Emergency Assistance Act

- Every county, village and city must have a Hazard Mitigation Plan

- Plan must be updated every 5 years

- Eligibility requirement for pre/post-disaster mitigation grants
Timeline

- **July 2017**: Applied for Pre-Disaster Assistance Grant
- **August 2018**: Received Pre-Disaster Assistance Grant
- **Oct. 11, 2018**: Kick-Off meeting with Core Planning Team (#1)
- **Nov. 15, 2018**: Core Planning Meeting (#2) & Public Meeting (#1)
- **Jan. 23, 2019**: Core Planning Meeting (#3) & Public Meeting (#2)
- **July 24, 2019**: Draft Plan release & 30 day public comment period
- **July 31, 2019**: Core Planning 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 Plan
- **April 15, 2020**: Presentation to Board of County Commissioners
- **~ 1 Year**: All Cities and Villages must adopt Plan
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Appendix B: Hazard Mitigation Action – Matrix Scoring Spreadsheet
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Stakeholders

- Building Code Enforcement
- Emergency Management
- Fire Departments
- Floodplain Administrator
- GIS
- Parks and Recreation
- Planning/Community Development
- Public Information Office
- Engineer / Service Road Departments
- Storm water Management
- Elected Officials
- Cities, Townships, & Villages
- Hospital
- Gas, Electric & Propane Utilities

- Water/Waste Water Utilities
- Waste Haulers
- Cable/Satellite Providers
- Telephone & Internet Providers
- Local Businesses
- Faith-based and Non-profit partners
- Ohio EMA
- ODNR
- OSU Extension
- Farm Service Admin
- USDA
- USACE
- General Public
1. Severe Storms
2. Tornadoes
3. Flooding
4. Utility Failure
5. Hazardous Materials Accident
6. Winter Storms
7. Landslides
8. Dam Failure
9. Invasive Species
10. Terrorism
11. Extreme Temperatures
12. Drought
13. Wildfire
14. Earthquakes
Mitigation Actions

All-Hazards

- Develop/update back-up power capabilities at critical facilities
- Update continuity of operation plans (COOP)
- Provide disaster preparedness education and outreach
- Update emergency operation plans (EOP)
- Maintain all-hazard outdoor warning sirens
- Continue code enforcement (e.g. fire, building, zoning, floodplain management)
Mitigation Actions

Severe Storms

- Public education on having multiple means of receiving alerts/warnings
- Update plans for timely debris clearance following severe storms
- Maintain National Weather Service StormReady certification
Mitigation Actions

Tornadoes

- Promote Ohio Safe Room Rebate Program
- Identify temporary storm safe locations
Mitigation Actions

Flooding

- Improve storm water management systems
- Identify and study poor draining areas to control flooding
- Repair or replace ditching and culverts to control flooding
- Continue to identify and study riverbank stabilization opportunities
- Provide guidance to property owners on acquisition/flood proofing
- Encourage residents to purchase flood insurance
Mitigation Actions

Utility Failure
- Tree trimming along utility lines

Winter Weather
- Public education on winter weather safety
Mitigation Actions

Hazardous Materials Accidents

- Develop wellhead protection plan
- Continue annual LEPC exercises
- Maintain LEPC and Tier II reporting
- Update commodity flow study
- Public outreach regarding disposal of household hazardous waste
Mitigation Actions

Landslides

- Develop map of landslide prone areas
- Enforce slide-prone area ordinances to limit fill/dumping
- Enforce draining control regulations
- Implement sanitary system codes
- Provide mitigation guidance to property owners
- Implement restraining structures to hold soil in place
- Implement debris flow measures
- Implement grading to increase slope stability
- Consider vegetation placement and management plans to increase soil stability
- Consider placement of utilities outside of landslide prone areas
Mitigation Actions

Dam Failure

- Coordination with ODNR to implement Dam Safety Program
- Encourage dam owners to develop/update emergency action plans
- Encourage dam owners to be prepared to respond should their dam fail
- Public education regarding downstream risks
- Coordinate with local communities to ensure they understand the risk

William H. Harsha Lake Dam
Stonelick Lake Dam
Mitigation Actions

Invasive Species

- Public education on hazard identification, behavior, and quarantine procedures
- Public education on the importance of not importing/exporting firewood
- Work with agricultural producers to monitor/minimize nutrient runoff to prevent harmful algal blooms
Mitigation Actions

Terrorism
- Encourage critical infrastructure to implement protective measures
- Coordinate with LE to ensure safety at large public gatherings
- Provide active aggressor guidance

Extreme Temperatures
- Provide guidance for vulnerable populations
- Provide guidance on utility assistance programs
Mitigation Actions

Drought
- Encourage property owners to install water reduction equipment
- Develop water storage plans, water use ordinances, contingency plans, and water delivery system plans
- Encourage farmers to purchase crop insurance

Wildfire
- Public education on smoking hazards and risk of recreational fires
- Public education on extreme fire danger and red flag warnings
Mitigation Actions

Earthquakes

- Use community outreach activities to foster awareness of earthquake mitigation actions
- Work with the insurance industry to increase public awareness of the importance of earthquake insurance
Next Steps & Questions

- Plan becomes effective with the first adoption and FEMA approval
- EMA will coordinate with Cities and Villages to adopt Plan
- EMA will coordinate with Townships to adopt Plan
- All communities will be eligible for disaster mitigation funds
- Plan will be reviewed annually during a regular LEPC meeting
- A comprehensive plan update will begin in 2023

Pam Haverkos
Clermont County EMA
513.732.7661
phaverkos@clermontcountyohio.gov
http://ema.clermontcountyohio.gov