

Hazard Mitigation Plan – 2017

Draft Copy

5-Year Plan Update

Miami County, Ohio



Kenneth Artz, Miami County EMA Director

Paul Huelskamp, Miami County Hazard Mitigation Committee Chairperson

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Prepared for:

Miami County Emergency Management Agency
210 Marybill Drive
Troy, OH 45373

Prepared by:

Miami County Emergency Management Agency
Miami County Hazard Mitigation Committee
Mote & Associates, Inc.



214 West Fourth Street, Greenville, Ohio 45331

Phone: (937) 548-7511 Fax: (937) 548-7484

Email: info@moteassociates.com

Website: www.moteassociates.com

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List of Commonly Used Acronyms

CDBG	Community Development Block Grant
CFR	Code of Federal Regulations
CRS	Community Rating System
DMA2K	Disaster Mitigation Act of 2000
DSP	Dam Safety Program
EMS	Emergency Medical Services
FD	Fire Department
FEMA	Federal Emergency Management Agency
FFR	Federal Financial Report
FIRM	Flood Insurance Rate Map
FMA	Flood Mitigation Assistance
GIS	Geographic Information Systems
HIRA	Hazard Identification & Risk Assessment
HMGP	Hazard Mitigation Grant Program
LHMP	Local Hazard Mitigation Plan
LU/LC	Land Use Land Cover
MCD	Miami Conservancy District
MCBC	Miami County Board of Commissioners
MCHMPC	Miami County Hazard Mitigation Planning Committee
NCDC	National Climatic Data Center
NDMC	National Drought Mitigation Center
NFDRS	National Fire Danger Rating System
NFIP	National Flood Insurance Program
NID	National Inventory of Dams
NOAA	National Oceanic Atmospheric Administration
NRCS	National Conservation Resource Service
OAC	Ohio Administrative Code
OBC	Ohio Building Code
ODH	Ohio Department of Health
ODNR	Ohio Department of Natural Resources
ODNR-FPM	Ohio Department of Natural Resources Flood Plain Management
Ohio EMA	Ohio Emergency Management Agency
OPWC	Ohio Public Works Commission
ORC	Ohio Revised Code
OSU	Ohio State University
PDM	Pre-Disaster Mitigation Program
PDM-C	Pre-Disaster Mitigation Competitive Grant Program
RISK MAP	Risk Mapping, Assessment and Planning Program
SFHA	Special Flood Hazard Area
SHARPP	State Hazard Analysis Resource & Planning Portal
SHMD	State Hazard Mitigation Office
SRL	Severe Repetitive Loss

USGS	United States Geological Survey
WPCLF	Water Pollution Control Loan Fund
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant

I. Purpose

The Miami County Hazard Mitigation Committee's purpose is to address sustained actions to reduce or eliminate the long-term risk to human life and property from hazards. Natural hazard planning is a process to engage stakeholders in order to identify hazards and vulnerabilities, develop a long-term strategy to reduce risk and future losses and implement this plan taking advantage of a wide range of resources.

The Miami County Hazard Mitigation Committee supports hazard mitigation planning in order to:

- Foster partnerships in support of planning for natural hazard mitigation.
- Promote more resilient and sustainable communities.
- Reduce the costs associated with disaster response and recovery.

II. Mitigation Plan Summary

The Miami County Hazard Mitigation Committee through partnering with many agencies throughout Miami County successfully continues to complete mitigation activities that benefit the residents of Miami County. These completed hazard mitigation projects will reduce future damages, death, and injuries should a disaster strike. The Plan also addresses future mitigation work needed to be done to further reduce future loss and to provide a framework where local governments, businesses, and County residents and visitors can ensure that positive mitigation planning activities are being carried out. It is the intent that future planned work will be carried out based on accurate information and the appropriate mitigation action items will be prudent investments for the taxpayers of Miami County.

Miami County with its three largest Cities of Piqua, Tipp City, and Troy are located along the north-south I-75 corridor and has experienced an approximate 1.7% increase in population growth since the 2010 census. The current population is approximately 104,224. As Miami County expands and changes, challenging vulnerabilities must be addressed. Miami County will face numerous hazards in the future, both natural and man-made, and these hazards can result in disasters that impact citizens, businesses, and all levels of government. By identifying hazards and taking appropriate steps to mitigate future vulnerabilities, growth and change can be done in a positive manner that will lessen the impact of future hazard events. Miami County has had zoning in place since 1972 and has a Comprehensive Plan that has helped to establish excellent land use planning. Hazard mitigation can be defined as the sustained action taken to reduce or eliminate long-term risks to people and their property from hazards including natural or man-made disasters. Hazard mitigation planning is a positive process built on assessing the hazards and applying effective strategies to complete preventive measures. It involves multiple stakeholders from throughout the Community and the State along with blending public and private sector goals, objectives, and actions.

The goals of this plan are to significantly reduce life, loss and injuries and minimize damage to structures and property from disasters. It is also intended to reduce disruptions to society, better integrate hazard mitigation programs and policies, reduce the number of repetitive flood loss structures, and to promote education and outreach activities to create a culture of hazard mitigation for Miami County residents.

The Miami County Hazard Mitigation Plan currently is required to be updated every five years in order to remain eligible to receive public assistance for hazard mitigation fund grants. However, the Miami County Hazard Mitigation Committee has been meeting annually since 2006 to review and update the plan. The 2017 plan updates are intended to address new conditions and laws and includes an update and status report of mitigation action items occurring within the 2011 FEMA Approved Plan.

Section 1 “Introduction” summarizes the Plan and describes the planning process and includes the documentation for adoption of the Plan by the Miami County Board of Commissioners and all of the participating municipalities.

Section 2 “Hazard Identification, Risk Assessment & Vulnerability” identifies the most prevalent hazards that have affected Miami County and may in the future as well. This section includes hazard history, determination of risk and vulnerability of buildings and infrastructure, and a discussion on County development trends and how that may affect future analysis.

Section 3 “Miami County Mitigation Strategy” addresses vision statement, hazard mitigation goals, objectives, and action items to be effective in hazard mitigation.

Section 4 “Plan Maintenance Process” addresses how the Plan will be evaluated and updated.

Appendix: Includes supporting documentation and information that complements the Miami County Hazard Mitigation Plan.