

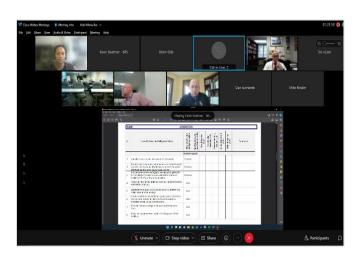
HAZARD MITIGATION PLAN

MIAMI COUNTY EMERGENCY MANAGEMENT AGENCY



Miami County Hazard Mitigation Plan – Risk Assessment Survey			Name/Department		
Dam Failure					
Frequency (# of Events/Year)	None	Low (1-2)	Medium (3-5)	High (6-8)	Excessive (9+)
Avg. Duration of Response (Time period of response)	Less than ½ Day	Less than 1 Day	Less than 1 Week	Less than 1 N	Nonth Less than 1 Year
Avg. Speed of Onset (Warning Time)	Over 24 Hours	12 - 24 Hou	rs 🔲 6 - 13	2 Hours	Little to No Warning
Avg. Magnitude (% of Community Affected)	Less than 10%	10% - 25%	25% -	50%	Greater than 50%
Impact on Businesses (Length of time critical facilities could be shutdown)	Less 24 Hours	1 Week	2 Wee	eks	30 Days or More
Impact on People (# and Severity of Injuries)	No injuries	Some Minor	Injuries Multip	le Severe Injuries	Multiple Deaths
Impact on Property (% of severely damaged properties)	Less than 10%	10% - 25%	25% -	50%	Greater than 50%

Drought					
Frequency (# of Events/Year)	None	Low (1-2)	Medium (3-5)	High (6-8)	Excessive (9+)
Avg. Duration of Response (Time period of response)	Less than ½ Day	Less than 1 Day	Less than 1 We	ek 🔲 Less than 1 M	onth Less than 1 Year
Avg. Speed of Onset (Warning Time)	Over 24 Hours	12 - 24 Hou	rs 🔲 6	- 12 Hours	Little to No Warning
Avg. Magnitude (% of Community Affected)	Less than 10%	10% - 25%	25% - 50%		Greater than 50%
Impact on Businesses (Length of time critical facilities could be shutdown)	Less 24 Hours	1 Week	2 2	Weeks	30 Days or More
Impact on People (# and Severity of Injuries)	No injuries	Some Minor Injuries		ultiple Severe Injuries	Multiple Deaths
Impact on Property (% of severely damaged properties)	Less than 10%	10% - 25%	□ 25	% - 50%	Greater than 50%



LOCATION

Miami County, Ohio

TASKS

Hazard Mitigation Plan development
Sustainability and resiliency integration
Public & stakeholder involvement
Risk assessments & vulnerability analyses
Hazus modeling
Mitigation strategies

HIGHLIGHTS

Addressed natural & human-made hazards

Developed mitigation actions to reduce hazard impacts

Created a website for updates, meeting notices, and comments

Facilitated public meetings virtually due to COVID-19

PROJECT DESCRIPTION

Under the Disaster Mitigation Act of 2000, local jurisdictions must have a disaster mitigation plan in effect to receive funds from the Federal Emergency Management Agency (FEMA) for pre-disaster mitigation activities. For this project, BPS prepared the update to the Miami County Hazard Mitigation Plan with the purpose of identifying and assessing the hazards that pose the greatest risk to Miami County and its communities.

BPS completed an existing conditions assessment of Miami County, including demographics as well as historic hazard events. BPS also assessed risk by each hazard. Vulnerability assessments were conducted to determine each hazard's potential impact to infrastructure, population, and property, and estimate the economic losses that could result from a hazard event

Additionally, the BPS team collected GIS mapping data and performed a Level 1 Hazus analysis; facilitated virtual stakeholder and public engagement activities (due to the COVID-19 pandemic); collected mitigation action recommendations; developed and corresponding mitigation strategies to reduce losses from those hazards. The final plan established a coordinated process to implement the plan and was reviewed and approved by the Ohio and Federal Emergency Management Agencies.