

MIAMI COUNTY HAZARD MITIGATION PLAN

Planning Meeting #1 | November 17 - 18, 2021

- Please Sign In via SurveyMonkey:
<https://www.surveymonkey.com/r/MiamiSignIn1>
- OR email bmorris@burtonplanning.com or jsmith@miamicountyohio.gov with your name, email, phone, title, employer, and meeting attended.
- OR type your name, email, phone, title, employer into the chat
- OR text 740-262-4742 with your name, email, phone, title, employer

Introductions

- Miami County EMA
- BPS Project Team 
 - Kimberly Burton, P.E., AICP CTP, LEED AP ND, Project Manager
 - Amelia Mansfield, Project Management, Plan Preparation
 - Brett Morris, LEED Green Associate, Plan Preparation, Hazus, Mitigation Actions
 - Ruchi Agarwal, Public Engagement, Plan Preparation
- Core Planning Committee Members



Reminder

- Virtual Sign-In
 - Please Sign In via SurveyMonkey:
<https://www.surveymonkey.com/r/MiamiCore1SignIn>
 - OR email bmorris@burtonplanning.com or jsmith@miamicountyohio.gov with your name, email, phone, title, employer, and meeting attended.
 - OR type your name, email, phone, title, employer into the chat-
 - OR text 740-262-4742 with your name, email, phone, title, employer
- Questions – type into chat
- Surveys - physical copies to print, fillable PDFs, and online surveys
 - Available on the website at: <https://burtonplanning.com/miami-hmp/>

Introductions

- Why are we here today?
 - *Update the 2017 Miami County Hazard Mitigation Plan*
 - Hazard mitigation overview
 - Progress update
 - Gather stakeholder input
 - Next steps

A photograph of a red wooden covered bridge with a sign that reads "CLEAN BRIDGE 1860". The bridge is surrounded by trees and a grassy area. The image is semi-transparent, serving as a background for the text.

Hazard Mitigation Overview

Hazard Mitigation Overview

- What is hazard mitigation?
 - A sustained action to reduce or eliminate the long-term risk to human life and property from hazards.

- Goals:
 - Reduce potential losses in future disasters.
 - Identify natural hazards and identify actions to reduce loss.
 - Establish a process to implement these actions.

Hazard Mitigation Overview

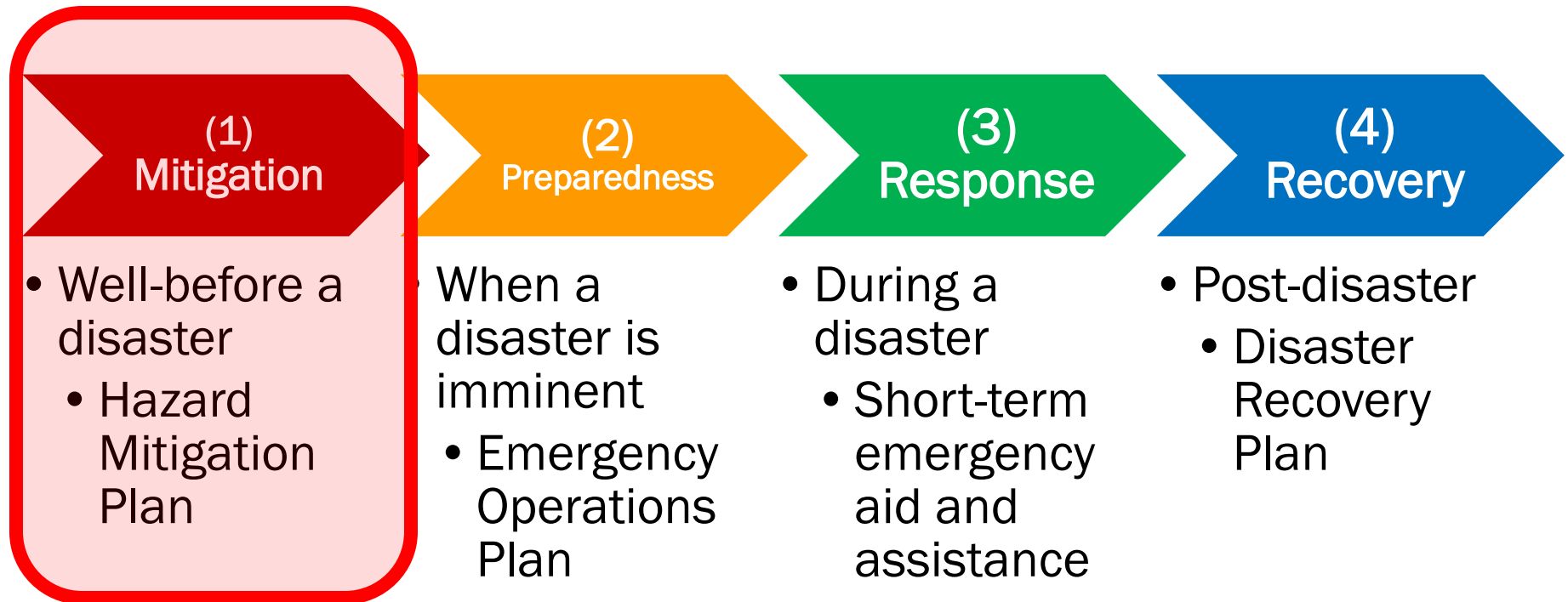
- Potential types of hazards include:
 - Water (flooding, dam/levee failure)
 - Wind (hurricanes, tornadoes, damaging winds)
 - Summer and Winter Storms
 - Drought, Wildfires, and Extreme Heat
 - Geology (landslides, earthquakes)
 - Invasive species
 - Man-made (hazardous materials, terrorism)



Microhydropower dam, Seattle 2015

Hazard Mitigation Overview

- The disaster response cycle



Hazard Mitigation Overview

- Robert T. Stafford Disaster Relief and Emergency Assistance Act, 1988
 - Presidential disaster declarations trigger federal assistance via FEMA.

- Disaster Mitigation Act, 2000 (DMA2K)
 - Legal basis for FEMA's state, local, and tribal mitigation planning requirements.
 - Jurisdictions must have an adopted plan to receive funds from FEMA in the event of a disaster.



Source: Mike, Flickr

Hazard Mitigation Overview

- Hazard Mitigation Plan Requirements
 - To receive FEMA funding, hazard mitigation plans must be adopted by local jurisdictions & updated every 5 years.
 - Hazard mitigation plans must include:
 - Public participation & documented update process
 - Existing conditions/demographics
 - Major disaster declarations since the previous plan
 - Risk assessments & vulnerability analyses for hazards
 - Mitigation actions & their status
 - Identified plan maintenance & updates

Hazard Mitigation Overview

- Funding Opportunities
 - Types of projects that can receive federal funding, include:
 - Property acquisition, demolition, relocation
 - Property reconstruction
 - Structure elevation, floodproofing, retrofits
 - Generators
 - Safe rooms
 - Soil stabilization
 - Etc.



Hazard Mitigation Overview

- Overall benefits of hazard mitigation planning:
 1. Minimize property damage, economic loss, injuries, and loss of human life.
 2. Enhance public awareness and education of natural and man-made hazards.
 3. Coordinate inter-jurisdictional preparedness measures, mitigation actions, and programs for efficient and effective implementation.
 4. Provide tools for decision-makers to better prepare for disasters.
 5. Achieve state and federal regulatory compliance to be eligible for funding.

Hazard Mitigation Overview

- Overall benefits of hazard mitigation planning:
 6. Municipalities: funds for related building/infrastructure needs, such as addressing issues caused by hazards or improvements to reduce future issues.
 7. Police & Fire: funds for safety-related equipment & resources.
 8. Schools: funds for school safety-related equipment/resources.
 9. Businesses: reduce/eliminate site & operational impacts.
 10. General Public: reduce/eliminate monetary & emotional costs from lost lives & homes.

A photograph of a red wooden covered bridge with a sign that reads "CLEAN BRIDGE 1860". The bridge is surrounded by trees and a grassy area. A road leads up to the bridge.

Process and Schedule

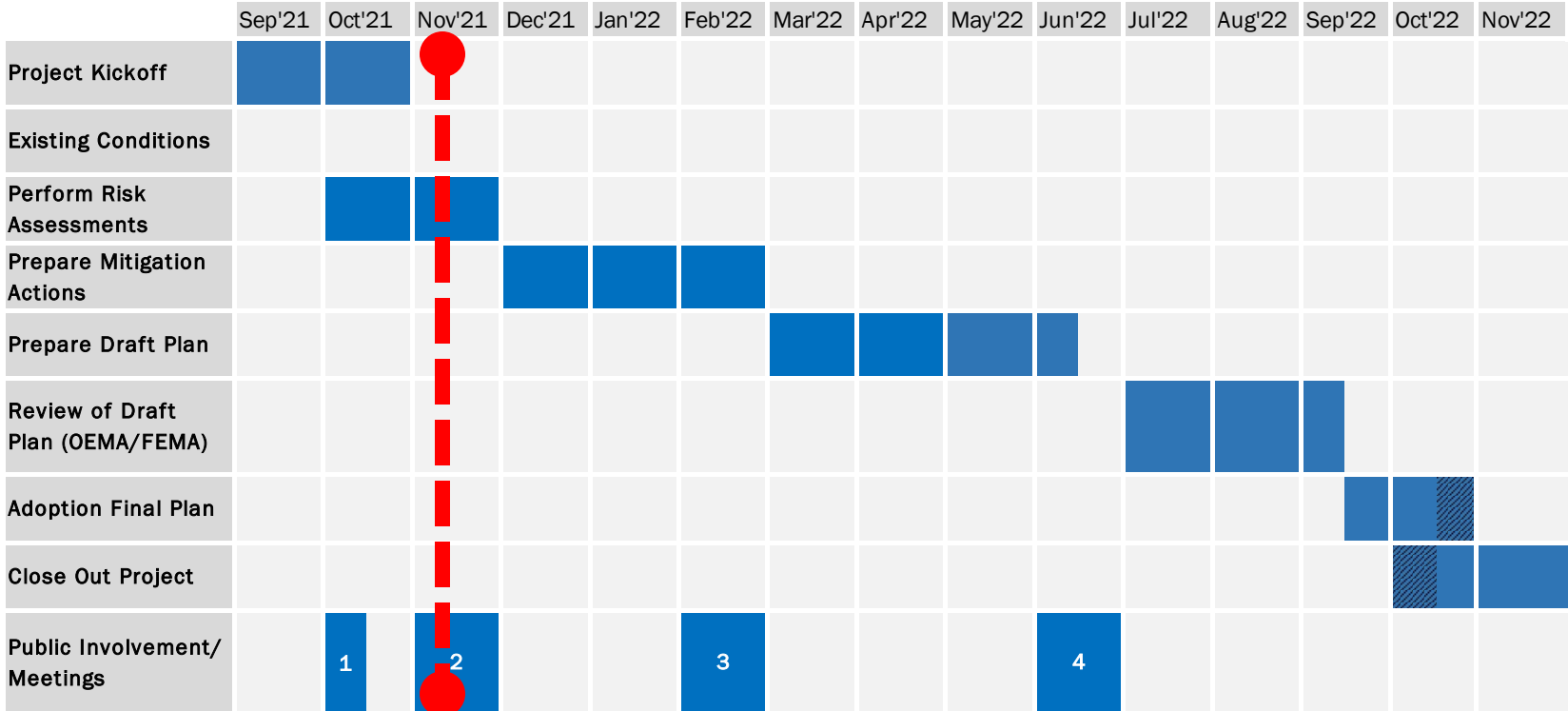
Process & Schedule

- Completed and Upcoming Tasks:
 - ✓ Gathered critical facilities information
 - ✓ Gathered GIS base mapping
 - ✓ Gathered repetitive loss property information
 - ✓ Summarized features and demographics of County and communities
 - ✓ Gathered historical information on previous hazard events
 - Identify past and potential hazards to evaluate in this plan update – **need feedback today**
 - Identify mitigation actions from the previous plan that need to be updated – **need feedback today**

Process & Schedule

- Hazard Mitigation Planning Process:
 - ✓ Milestone 1: Project Kickoff Announcement; Gather Data For Existing Conditions/Demographics
 - Milestone 2: Hold Planning Meeting #1
 - Milestone 3: Perform Risk Assessments & Vulnerability Analyses; Develop Mitigation Actions
 - Milestone 4: Hold Planning Meeting #2
 - Milestone 5: Prepare Draft Plan
 - Milestone 6: Conduct Reviews Of Draft Plan
 - Milestone 7: Adoption Of Plan
 - Milestone 8: Closeout Project

Process & Schedule



• Important Dates

- ✓ Project Kickoff – October 2021 (Sent out by County EMA)
- ✓ Planning Meeting #1 – November 17-18, 2021
- Planning Meeting #2 – February 16-17, 2022
- Reviews of draft plan – July/August 2022
- Adoption of plan – October 2022

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Stakeholder & Public Participation

Your Role

- Overview
 - Provide local knowledge & data as needed, including history, demographics, spatial information.
 - Help identify potential hazards based on previous experience & prioritize based on risk.
 - Help develop new mitigation actions, determine status of previous mitigation actions & prioritize
 - Provide feedback on draft plan
 - Participate in both planning meetings
 - Assist in plan adoption for representative local jurisdiction

Your Role

Today:

1. Project Website
2. Complete surveys
3. General feedback
4. Report on your use/integration of 2017 HMP
5. Add second meeting to schedule



Action Items

1. Project Website: <https://burtonplanning.com/miami-hmp/>



The screenshot shows the website for Burton Planning Services, specifically the Miami County Hazard Mitigation Plan page. The website has a navigation menu with links for Home, Background, Services, Projects, Key Staff, and Contact & Careers. The main heading is "Miami County Hazard Mitigation Plan". Below the heading is a logo for Miami County Ohio and a paragraph of text explaining that the Miami County Emergency Management Agency was awarded a Pre-Disaster Mitigation Grant to update the County's Hazard Mitigation Plan. The text states that the update is required by FEMA every five (5) years to remain eligible for funding for projects. Municipalities, police and fire departments, schools, businesses, and the general public may receive funding for any mitigation strategy found in the approved and adopted plan update. Below this text is another paragraph stating that the website will remain up-to-date with information regarding the Miami County Hazard Mitigation Planning process. This website will provide links to presentations, live meetings, surveys, and more. Please check back often for updates. At the bottom of the page, there is a navigation bar with four tabs: "About the Plan", "Attend a Meeting", "Meeting 1 Materials", and "Meeting 2 Materials". The "Meeting 1 Materials" tab is currently selected. Below the navigation bar, there is a section titled "Planning Meeting #1: November 17, 2021 and November 18, 2021". This section contains a list of six items: 1. Agenda, 2. Presentation, 3. Hazard Mitigation Plan Informational Handout, 4. Hazards Overview, 5. Goals & Hazard Priorities Survey - This survey asks you to consider the goals and hazards identified in the 2017 Plan and determine if they are still relevant. It includes two sub-links: "Take Online via SurveyMonkey" and "Download & Complete as a PDF". 6. Previous Mitigation Action Survey - This survey asks communities to reflect on the projects included in the 2017 Hazard Mitigation Plan. Communities are asked to provide the status of each mitigation action and suggest any new actions to be included in this plan update. It also includes two sub-links: "Take Online via SurveyMonkey" and "Download & Complete as a PDF".

BPS Burton Planning Services Home Background Services Projects Key Staff Contact & Careers Q

Miami County Hazard Mitigation Plan



Miami County Emergency Management Agency was recently awarded a Pre-Disaster Mitigation Grant to update the County's Hazard Mitigation Plan. This update is required by FEMA every five (5) years to remain eligible for funding for projects. Municipalities, police and fire departments, schools, businesses, and the general public may receive funding for any mitigation strategy found in the approved and adopted plan update.

This website will remain up-to-date with information regarding the Miami County Hazard Mitigation Planning process. This website will provide links to presentations, live meetings, surveys, and more. Please check back often for updates.

About the Plan Attend a Meeting **Meeting 1 Materials** Meeting 2 Materials


Planning Meeting #1: November 17, 2021 and November 18, 2021

1. [Agenda](#)
2. [Presentation](#)
3. [Hazard Mitigation Plan Informational Handout](#)
4. [Hazards Overview](#)
5. **Goals & Hazard Priorities Survey** - This survey asks you to consider the goals and hazards identified in the 2017 Plan and determine if they are still relevant.
 - [Take Online via SurveyMonkey](#)
 - [Download & Complete as a PDF](#)
6. **Previous Mitigation Action Survey** - This survey asks communities to reflect on the projects included in the 2017 Hazard Mitigation Plan. Communities are asked to provide the status of each mitigation action and suggest any new actions to be included in this plan update.
 - [Take Online via SurveyMonkey](#)
 - [Download & Complete as a PDF](#)

Action Items

2. Complete Surveys

- Survey #1a: Goals
 - Goals guide the Plan and inform the development of specific mitigation actions.
 - Evaluate goals from last plan.
 - Provide comments, changes.


MIAMI COUNTY HAZARD MITIGATION PLAN

Name & Organization _____

GOALS SURVEY

It is important to revisit the goals and objectives from Miami County's 2017 Hazard Mitigation Plan to help guide the current update to the plan. Please provide input on if these goals are still relevant. If a goal is still applicable as written, please check (✓) the box; if the goal or objective(s) needs to be modified or removed, please write how it should be modified or why it should be removed on the line below the goal.

Previous Goals (from the 2017 Plan)

- Goal 1: It shall be the goal of the Miami County Hazard Mitigation Committee to promote the continued preservation of open space, floodplains, wetlands, woodlands, and recreation areas along Miami County's stream and river corridors.

- Goal 2: It shall be the goal of the Miami County Hazard Mitigation team to identify and reduce the impact of urban and small stream flooding and surface drainage problems throughout Miami County and its communities and continue to promote ongoing maintenance and improvement to storm drainage systems and flood control structures.

- Goal 3: It shall be the goal of the Miami County Hazard Mitigation Committee to encourage, promote and implement public awareness and education programs for manmade and natural hazards to citizens, private property owners, public agencies, businesses, industry and schools.

- Goal 4: Provide improved coordination and integration of hazard mitigation policies and programs throughout the county and with the State of Ohio mitigation policies and procedures.

- Goal 5: It shall be the goal of the Miami County Hazard Mitigation Committee to encourage and promote implementation of up-to-date hazard warning and communication systems throughout the county and address proper response for the special needs population of the county.

NOVEMBER 2021
1

Action Items

2. Complete Surveys

- Survey #1b: Hazard Priorities
 - Many hazards could be included in the plan update (*see Hazards Overview handout*).
 - Determine which ones from the full list should be included in this plan.
 - Rate the priority of all hazards.

MIAMI COUNTY HAZARD MITIGATION PLAN

Name & Organization: _____

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.


2017 Plan Hazards	Priority Ratings (Circle One Score)					
	Do not Include	Lowest Priority	Low-Medium Priority	Medium Priority	Medium-High Priority	Highest Priority
1. Dam / Levee Failures	0	1	2	3	4	5
2. Drought	0	1	2	3	4	5
3. Earthquakes	0	1	2	3	4	5
4. Epidemic / Disease	0	1	2	3	4	5
5. Extreme Heat	0	1	2	3	4	5
6. Flooding	0	1	2	3	4	5
7. Hazardous Materials Incidents	0	1	2	3	4	5
8. Invasive Species / Infestation	0	1	2	3	4	5
9. Severe Thunder Storms	0	1	2	3	4	5
10. Severe Winter Storms	0	1	2	3	4	5
11. Terrorism	0	1	2	3	4	5
12. Tornado / Windstorm	0	1	2	3	4	5

NOVEMBER 2021

Action Items

2. Complete Surveys

- Survey #2: Previous mitigation actions status
 - Update the status, remarks, and ratings.



MIAMI COUNTY HAZARD MITIGATION PLAN

PREVIOUS MITIGATION ACTIONS STATUS

As part of each Hazard Mitigation Plan, the County is tasked with developing a list of mitigation actions that can help prepare communities and their residents for hazards, as well as lessen the impact of these hazards.

As part of this process, the status of each mitigation action included in Miami County's 2017 Hazard Mitigation Plan needs to be determined.

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (indicate when the action was completed)
- **Deleted** (indicate why the action was deleted)
- **Deferred** (indicate why the action was deferred)
- **Unchanged** (indicate why the action remains unchanged)
- **Ongoing** (include percentage complete or description of progress - e.g. "Ongoing (20% Complete" or "Completed annually from 2017-2021").

MIAMI COUNTY

NAME:		POSITION:		
Mitigation Action (Strategy)	Jurisdictions	Status	Remarks	Comments
Promote public awareness of manmade and natural hazards at public events and hold workshops to educate the public. Distribute appropriate mitigation publications.	North Miami Valley Red Cross Chapter, Miami County	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Action Items

3. General feedback

i.

ii.

iii.

Action Items

4. Report on your use/integration of 2017 HMP

i.

ii.

iii.

Action Items

5. Second Planning Meeting: February 16 and 17, 2022
 - Core Planning Committee Meetings will be held first
 - Followed by Public Meetings
 - Timing will be same as Planning Meeting 1
 - Microsoft Teams
 - Find links on website (<https://burtonplanning.com/miami-hmp>) and look for email reminder from Miami County EMA



Next Steps

Next Steps – Prior to Meeting #2

- All Participating Jurisdictions & General Public:
 - Complete the goals, hazard priority, and existing mitigation action surveys
- Project Team
 - Finalize critical facilities lists
 - Perform risk assessments & vulnerability analyses
 - Develop draft mitigation actions
 - Meeting #2 preparation
- Next meeting - February 16 & 17, 2022
 - Discuss risk assessments, mitigation actions, prioritize

Reminder

- Virtual Sign-In
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 - OR type your name, email, phone, title, employer into the chat-
 - OR text 740-262-4742 with your name, email, phone, title, employer
- Questions – type into chat
- Surveys - physical copies to print, fillable PDFs, and online surveys
 - Available on the website at: <https://burtonplanning.com/miami-hmp/>



QUESTIONS?

MIAMI COUNTY HAZARD MITIGATION PLAN

Planning Meeting #1 | November 17 - 18, 2021

Contact Information:

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