

MIAMI COUNTY HAZARD MITIGATION PLAN

Planning Meeting #2 | February 16 and 17, 2022

- Please Sign In via SurveyMonkey:
https://www.surveymonkey.com/r/MiamiPlanMeeting2_SignIn
- OR email kbuettner@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 614-620-9228 with your name, email, phone, title, employer

Introductions

- Miami County EMA

- BPS Project Team  Burton Planning Services

- Kimberly Burton, Project Manager
- Amelia Mansfield, Project Management, Plan Preparation
- Brett Morris, Hazus, Mitigation Actions, Plan Preparation
- Ruchi Agarwal, Public Engagement, Plan Preparation
- Kevin Buettner, Plan Preparation

- Core Planning Committee Members



Reminder

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- 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

The background of the slide is a photograph of a large, red wooden barn with a gambrel roof. The barn is surrounded by lush green trees and a grassy field. A concrete ramp leads up to the barn's entrance. The text "Hazard Mitigation Overview" is overlaid in a large, black, sans-serif font across the middle of the image. A solid black horizontal line is positioned below 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:
 - Identify natural hazards and identify actions to reduce loss.
 - Reduce potential losses in future disasters.
 - 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



	(1) Mitigation	(2) Preparedness	(3) Response	(4) Recovery
When	Well-before a disaster	Disaster is imminent	During a disaster	Post-disaster
Action	Planning to reduce/eliminate damages from future disasters	Short-term evacuation & temporary property protection	Short-term emergency aid and assistance	Damage assessments, rebuilding, restoring operations
Plan	Hazard Mitigation Plan	Emergency Operations Plan	No plan	Disaster Recovery Plan

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.



Source: ODOT

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 large, red wooden barn with a gambrel roof. The barn is surrounded by green trees and a grassy field. A concrete ramp leads up to the barn's entrance. The text "Process and Schedule" is overlaid in the center of the image in a large, black, sans-serif font. A thick black horizontal line is positioned below the text.

Process and Schedule

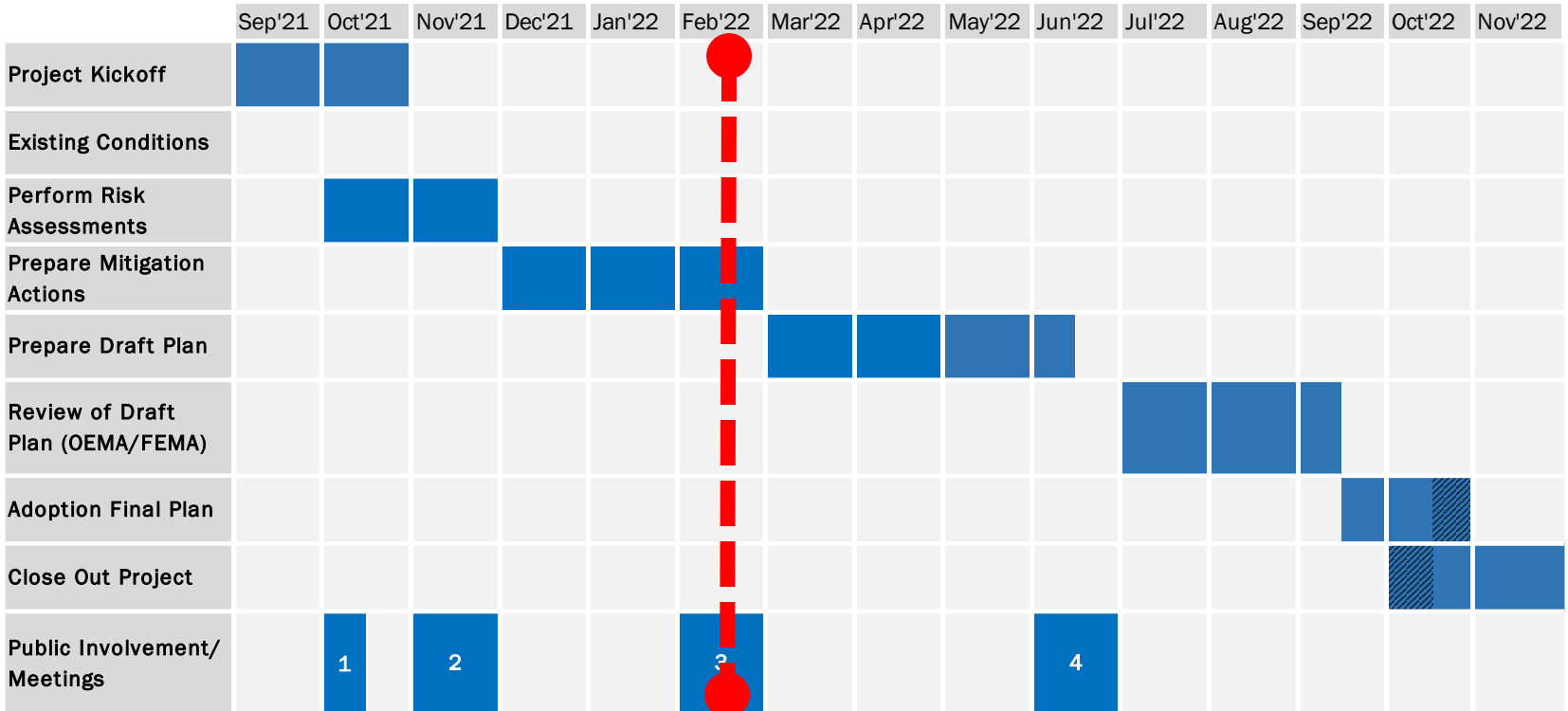
Process & Schedule

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

A large, red wooden barn with a gambrel roof, situated in a rural setting with trees and a grassy field. The barn has a sign on its front that reads "CLEAR BRIDGE".

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
- Participate in both planning meetings
- Provide feedback on draft plan
- Assist in plan adoption for representative local jurisdiction

Your Role

Today:

1. Review survey results
2. Complete Mitigation Action Scoring Matrix
3. General feedback



Goals Overview

- Build community resiliency against the negative impacts of hazard events of any nature including, but not limited to, severe weather events, cyber threats, and health emergencies in order to reduce loss of life, property damage, and economic loss.
- Strengthen community partnerships and cooperation among and between public and private entities in order to enhance ability to respond to crisis events by efficiently sharing resources and effectively managing emergencies.
- 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.
- Promote the continued preservation of open space, floodplains, wetlands, woodlands, and recreation areas along the Great Miami River and tributaries.
- 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.
- Encourage and promote implementation of up-to-date hazard warning and communication systems throughout the county and increase awareness of and ability to support vulnerable populations in the county.
- Maintain robust hazardous materials incident response capability throughout Miami County by fostering active Local Emergency Planning Committee and supporting County-wide Type II Hazmat team.

Hazard Priorities

Hazard	Priority Score
Tornado/Windstorm	4.48
Epidemic/Pandemic	4.10
Severe Winter Weather	3.98
Flooding	3.98
Severe Thunderstorms	3.80
Other – Mass Transportation Incident	3.60
Hazardous Materials Incident	3.52
Terrorism (including cyber-attacks)	3.02
Dam & Levee Failure	2.94
Extreme Heat	2.48
Invasive Species/Infestation	2.24
Drought	2.06
Earthquakes	1.60

Score Existing and any new hazard by indicating a score of 0-5 in the chat



Next Steps

Next Steps – After Meeting #2

- All Participating Jurisdictions & General Public:
 - Complete the goals, hazard priority, previous mitigation action surveys
 - Complete the new mitigation actions survey
 - Comment on the Draft Plan
- Project Team
 - Finalize critical facilities lists
 - Update risk assessments & vulnerability analyses
 - Develop Draft Plan
 - Public comment period
 - Submit Plan to Ohio EMA

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QUESTIONS?

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Contact Information:

Joel Smith

Director, Miami County EMA

Phone: 937-332-8560

Email: jsmith@miamicountyohio.gov

Kevin Buettner

Sustainability & Resiliency Director

Burton Planning Services

Phone: 614-620-9228

Email: kbuettner@burtonplanning.com