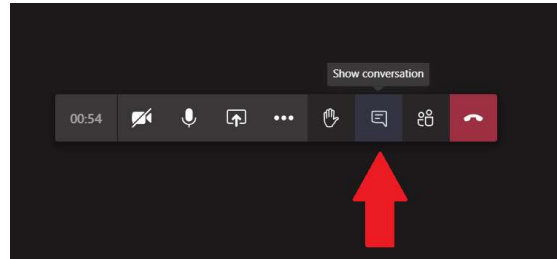# Welcome!

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Franklin County, Ohio Hazard Mitigation Plan – 2023 Update

Core Planning Team Meeting – Goals, Objectives, and Hazards of Concern

January 12, 2023

Leading with Science®

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Agenda

- Participation Status
- Project Schedule and Status
- Review/Finalize Hazards of Concern Review
- Review/Finalize Goals and Objectives
- Public and Stakeholder Outreach
- Next Steps/Questions

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In-Kind Tracking

Scan the UR code for the online form to enter your time.

	Jurisdiction:							
	Name:				Title:			

Date	Start Time	End Time	# hours	Task Description	Hourly Rate	Total # hours x rate	Comments describe task in more detail
					$		

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Participation Status

- Annex updates are in progress
- Homework Worksheets were sent out to all participating jurisdictions
  - The jurisdictions that have not yet submitted any worksheets can be found on the following slide
- Critical Facilities
  - Ongoing
  - We will be sending out a survey in the next few weeks to collect input on the critical facilities

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Jurisdiction	Worksheet A - Hazard Event History	Worksheet B - Cap. Ass.	Worksheet C - NFIP FPA	Worksheet D - Building Permits	Worksheet E - Status of Previous Actions
Bexley (C)					
Blendon (Twp)	X	X	X	X	X
Brice (V)					
Brown (Twp)					
Canal Winchester (C)					
Clinton (Twp)					
Columbus (C)					
Dublin (C)	X	X	X	X	X
Franklin (Twp)					
Franklin County	X	X	X		X
Gahanna (C)					
Grandview Heights (C)	X				
Grove City (C)	X		X	X	X
Groveport (C)					
Hamilton (Twp)					
Harrisburg (V)					
Hilliard (C)					
Jackson (Twp)					

Jurisdiction	Worksheet A - Hazard Event History	Worksheet B - Cap. Ass.	Worksheet C - NFIP FPA	Worksheet D - Building Permits	Worksheet E - Status of Previous Actions
Jefferson (Twp)	X	X	X	X	X
Lithopolis (V)	--	--	--	--	--
Lockbourne (V)	X	X	X	X	X
Madison (Twp)	X				X
Marble Cliff (V)					
Mifflin (Twp)					
Minerva Park (V)					
New Albany (C)	X	X	X	X	X
Norwich (Twp)					
Obetz (V)	X	X	X	X	X
Perry (Twp)					
Pickerington (C)	--	--	--	--	--
Plain (Twp)	X	X	X	X	X
Pleasant (Twp)					
Prairie (Twp)	X	X	X	X	X
Reynoldsburg (C)					
Riverlea (V)	--	--	--	--	--
Sharon (Twp)					X
The Ohio State University					
Truro (Twp)					
Upper Arlington (C)	X	X	X	X	X
Urbancrest (V)					
Valleyview (V)					
Washington (Twp)	X	X	X	X	X
Westerville (C)	X	X	X	X	X
Whitehall (C)					
Worthington (C)	X	X	X	X	X

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No Worksheets Submitted

- City of Bexley
- Village of Brice
- Township of Brown
- City of Canal Winchester
- Township of Clinton
- City of Columbus
- Township of Franklin
- City of Gahanna
- City of Groveport

- Township of Hamilton
- Village of Harrisburg
- City of Hillard
- Township of Jackson
- Township of Madison
- Village of Marble Cliff
- Township of Mifflin
- Village of Minerva Park
- Township of Norwich

- Township of Perry
- Township of Pleasant
- City of Reynoldsburg
- Township of Sharon
- Township of Turo
- Village of Urban Crest
- Village of Valleyview
- City of Whitehall
- The Ohio State University

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Schedule – Overview and Milestones

- Planning Process - ongoing
- Core Planning Team Meeting #2 – **TODAY!**
- Risk Assessment Meeting – **TBD**
  - Does the Core Planning Team want a separate meeting to finalize the ranking for the County?
- Update Risk Assessment – **Ongoing**
- Review Hazards of Concern – **Today!**
- Goals and Objectives – **Today!**

- Public Involvement – **Ongoing**
  - Inform public of HMP and HMP website via social media and local websites
  - https://www.franklincountyohhmp.com/
  - Franklin County Emergency Management and Homeland Security Facebook
- Stakeholders – **Ongoing**
  - Need to finalize the list of stakeholders and send out survey
- Mitigation Strategy
  - Mitigation Strategy Workshop – **TBD**
- Draft Plan to Core Planning Team – **April/May 2023**
- Final Draft Plan to OEMA – **June 2023**
- Final Draft Plan to OEMA – **August 2023**

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Project Status

Data Collection – In Progress	Risk Assessment - In Progress	Public Involvement - Ongoing	Mitigation Strategy
• Plan Collection – In progress • General Building Stock – Update in Progress • Critical Facility Inventory – Update In Progress	• Hazard Profile Drafts – In progress • Vulnerability Assessment – In progress • Risk Assessment Meeting – **TBD**	• Social Media Posts • Public Survey • Stakeholder Surveys • Public Outreach –Tetra Tech to provide materials	• Confirm Goals And Objectives – Today! • Confirm Hazards of Concern – Today! • Municipal Annex Updates - In Progress • Mitigation Workshop – **TBD** • Develop Mitigation Strategy – Pending • We will need to have a meeting with the CPT to identify new actions

Phase 1 — Organize the Resources
Phase 2 — Risk Assessment
Phase 3 — Public Involvement Strategy
Phase 4 — Update Mitigation Strategy
Phase 5 — Update Maintenance Strategy
Phase 6 — Assemble the Plan
Phase 7 — Plan Review and Adoption
Phase 8 — Project Management

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Update Risk Assessment

- Update assets
- Examine previous impacts
- Analyze risks
- Review with Steering Committee and Planning Partnership
- Risk assessment meeting

NATURAL HAZARDS — Location, Extent (Magnitude/Strength), Previous Occurrences, Future Probability

RISK

COMMUNITY ASSETS — Population, Built Environment, Natural Environment, Economy

HAZUS

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Hazards of Concern (2018 HMP)

- Dam/Levee Failure
- Drought
- Earthquake
- Extreme Heat
- Flooding
- Invasive Species
- Karst/Sinkhole
- Severe Summer Weather
- Severe Winter Weather
- Tornadoes

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Hazards of Concern (2023 HMP)

- Dam/Levee Failure
- Disease Outbreak
- Drought
- Earthquake
- Extreme Temperature (heat/cold)
- Flooding (inland, flash, urban/stormwater, ice jam)
- Geologic Hazards (sinkholes, erosion)
- Invasive Species
- Severe Summer Weather
- Severe Winter Weather
- Tornadoes

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Hazards of Concern

- Dam/Levee Failure
  - 26% voted increase in frequency/severity/location
- Disease Outbreak (new to 2023)
  - 100% voted to include in the 2023 HMP update
- Drought
  - 60% voted increase in frequency/severity/location
- Earthquake
  - 100% voted no change

- Extreme Heat (Extreme Temperature – combined for 2023)
  - 50% voted increase in frequency/severity/location
  - 16% voted to remove from the 2023 HMP update
- Flooding (inland, flash, urban/stormwater, ice jam)
  - 60% voted increase in frequency/severity/location
  - 20% voted to remove from the 2023 HMP update

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Hazards of Concern

- Invasive Species
  - 50% voted increase in frequency/severity/location
- Karst/Sinkhole (Geologic Hazards – combined for 2023)
  - 16% voted decrease in frequency/severity/location
  - 16% voted to remove from the 2023 HMP update
- Severe Summer Weather
  - 66% voted increase in frequency/severity/location

- Severe Winter Weather
  - 16% voted decrease in frequency/severity/location
  - 32% voted increase in frequency/severity/location
- Tornadoes
  - 82% voted no change

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Hazards of Concern for 2023

- Let's take a quick poll to see if everyone agrees on the hazards for 2023.
- Click on the link in the chat or scan the QR code.

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Hazards of Concern

- Are there any new or additional natural hazards that should be considered for the plan update? The following topics came from the survey:
  - Climate Change – will be incorporated throughout the HMP to meet FEMA requirements
  - Vectors (Mosquitos) – we will include in the disease outbreak profile
  - Urban heat island – we will include in the extreme temperature profile
  - Solar Weather – currently not identified as a hazard of concern
  - Hazardous Materials – currently not identified as a hazard of concern
  - Derecho – we will include in the summer weather profile
  - Secondary impacts – will be incorporated in each hazard profile
  - Discussions on concurrent hazards – will be incorporated in each hazard profile

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Mitigation Strategy

- Goals
  - What outcomes do you want to achieve?
- Actions
  - What specific actions will be taken to reduce risk from hazards?
- Action Plan
  - How will the actions be prioritized and implemented?

Goals

Actions

Action Plan

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Goals and Objectives – Review and Update

Goal Number	Goal	Modify, Add, or Remove?
1	Integrate goals and action items from the Franklin County Natural Hazard Mitigation Plan into existing and future land-use planning documents, and existing regulatory programs.	
2	Develop inventories of at-risk infrastructure and prioritize preventative measures in areas vulnerable to natural hazards.	
3	Involve watershed and natural resource management, and all other interested parties, in natural hazards mitigation planning to rehabilitate and maintain streams and waterways.	
4	Strengthen partnerships between government agencies and private sector businesses to develop public awareness of and involvement in natural hazards mitigation strategies.	
5	Develop and implement public education programs to increase public awareness and understanding of the risks associated with natural hazards.	
6	Protect buildings in repetitive loss areas through acquisition, elevation or other mitigating activity.	

Goal	Objectives	Actions
Minimize new development in hazard-prone areas	Reduce the number of vulnerable structures in flood hazard areas.	Amend zoning ordinance to permit only open space and uses within floodplains.

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Goals and Objectives Review

Goal Number	Goal
1	Integrate goals and action items from the Franklin County Natural Hazard Mitigation Plan into existing and future land-use planning documents, and existing regulatory programs. Integrate goals and action items from the Franklin County Natural Hazard Mitigation Plan into existing and future land-use planning documents, existing regulatory programs, zoning code updates and floodplain management regulations.
2	Develop inventories of at-risk infrastructure and prioritize preventative measures in areas vulnerable to natural hazards. Develop inventories of at-risk infrastructure and prioritize preventative measures equitably in areas vulnerable to natural hazards.

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Goals and Objectives Review

Goal Number	Goal
3	Involve watershed and natural resource management, and all other interested parties, in natural hazards mitigation planning to rehabilitate and maintain streams and waterways. Involve watershed and natural resource management, and all other interested parties, in natural hazards mitigation planning to rehabilitate and maintain streams and waterways, particularly in vulnerable communities.
4	Strengthen partnerships between government agencies and private sector businesses to develop public awareness of and involvement in natural hazards mitigation strategies. Strengthen partnerships between government agencies, private sector businesses, and non-profits to develop public outreach strategies and provide resources and involvement in natural hazards mitigation actions.

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Goals and Objectives Review

Goal Number	Goal
5	Develop and implement public education programs to increase public awareness and understanding of the risks associated with natural hazards. Develop and implement public education programs to provide necessary resources to increase public awareness and understanding of the risks, resilience strategies, and safety measures associated with natural hazards.
6	Protect buildings in repetitive loss areas through acquisition, elevation, or other mitigating activity. Protect critical facilities, community lifelines, and other buildings located within hazard-vulnerable areas through acquisitions, elevations, or other mitigating activities.

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Goals and Objectives Review and Update

Objective Number	Objectives
1	Evaluate and improve safety & loss reduction codes/standards for hazards that affect Franklin County.
2	Develop and strengthen public/private partnerships between the County and the business community. Develop and strengthen public/private partnerships between the County, non-profits, and the business community.
3	Identify funding sources and obtain funds from a variety of federal, state, regional and local entities to implement mitigation activities.
4	Promote sustainable communities and hazard resilient development. Prioritize sustainable communities, green infrastructure, and hazard resilient development.
5	Continue to map hazard areas, refine existing hazard mapping data, and develop/refine loss estimation and vulnerability analysis data.

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Goals and Objectives Review and Update

Objective Number	Objectives
6	Promote the use of emergency notification systems and weather alert systems. Promote the use of emergency notification systems and weather alert systems for all hazards.
7	Develop publications and information on all hazards that could potentially impact Franklin County. Based on best practices from the State and FEMA, develop multi-lingual publications and guidance on how to be prepared for and respond to hazards which could impact Franklin County.
8	Identify the need for, and acquire, any special emergency services, training, and equipment to enhance response and recovery capabilities for the hazards that impact Franklin County.
9	Incorporate hazard mitigation into community planning mechanisms, codes/ordinances, day-to-day operations, and projects.

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Goals and Objectives Review and Update

Objective Number	Objectives
10	Identify and protect socially vulnerable populations from hazard impacts. Identify, protect, and assist socially vulnerable populations recover from hazard impacts.
11	Encourage the use of sustainable nature-based solutions to address riverine, flash, and urban/stormwater flooding.
12	Increase local government official awareness regarding funding criteria and opportunities for mitigation.
13	Provide government officials and the public with educational opportunities and information regarding best practices for preparedness, hazard mitigation planning, project identification, implementation, and integration.

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Goals and Objectives Review and Update

Objective Number	Objectives
14	Improve data collection and sharing and increase data availability to jurisdictions to help reduce the impacts of hazards and for future planning efforts.
15	Acquire and maintain detailed data regarding critical facilities and community lifelines such that these sites can be prioritized and assessed for future mitigation actions, where needed.
16	Ensure continuity of operations of government, non-government, commerce, private sector, and infrastructure. Ensure continuity of operations of government, non-government, commerce, private sector, non-profit, and infrastructure.
17	Implement mitigation measures that promote the reliability of community lifeline systems.

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Goals for the 2023 HMP

- Let's take a quick poll to see if everyone agrees on the goals and objectives for the 2023 HMP.
- Click on the link in the chat or scan the QR code.

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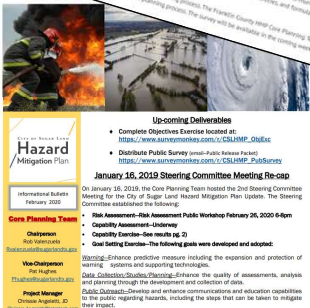
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Public and Stakeholder Outreach

- Social Media Posts
- Press Release
- HMP website – https://www.franklincountyohhmp.com/
- Planning Team meetings open to the public and stakeholders
- Stakeholder Survey
- Public Survey
- Neighboring County Outreach
  - Notified of the planning process
  - Survey

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Next Steps/Schedule

- **Planning Process**
  - Core Planning Team Meeting #2 – **TODAY!**
- **Update Risk Assessment**
  - Data collection is underway; confirm building and critical facility inventory
  - Discuss risk assessment results – **TODAY!**
- **Public and Stakeholder Outreach**
  - Ongoing throughout the planning process
- **Capability Assessment**
  - Currently working on reviewing plans, studies, codes, and ordinances

- **Mitigation Strategy**
  - Continue working with municipalities
  - Mitigation Strategy Workshop with FEMA and State –**TBD**
- **Plan Maintenance**
  - Utilizing the BATool to review/update actions from 2023 HMP
  - Finalize plan maintenance procedures
- **Develop Plan**
  - Draft Plan to Core Planning Team – **April/May 2023**
  - Draft to Ohio EMA – **June 2023**
  - Draft to FEMA – **August 2023**
  - Adoption – **September/October 2023**

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Thank You!

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