



**Tt TETRA TECH**

# Franklin County, Ohio Hazard Mitigation Plan – 2023 Update

**Planning Team Meeting – Draft Plan Presentation**  
June 14, 2023

If you are joining through Teams, please enter your name and department/agency in the chat.

*Leading with Science®*

1




# Today's Agenda

1. Welcome
2. Progress Report
3. Draft Plan Review
4. Questions/Next Steps/Wrap Up

2

## In-Kind Tracking





Jurisdiction: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

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

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




3

3

## Project Schedule Review



✓ November 18, 2022	Kick-Off Meeting
✓ January 5, 2023	Finalize Goals and Objectives
✓ April 25, 2023	Finalize Plan Maintenance
✓ April 27, 2023	Risk Assessment Presentation & Mitigation Strategy Workshop
✓ November 2022 – June 2023	Plan Development
✓ June 14, 2023 - TODAY!!	Review Draft Plan – public review starting June 26th
<input type="checkbox"/> August 2023	Plan Submitted to Ohio EMA
<input type="checkbox"/> September-October 2023	Plan Submitted to FEMA
<input type="checkbox"/> October-November 2023	Plan Adoption


4

4

## Annex Progress



- Looking ahead...
  - Identify new mitigation actions ASAP (if you have not done so) – we are still missing actions from many of you!
  - Complete action worksheets - <https://forms.office.com/r/CJJLQXEvUY>
  - Tetra Tech will send out your annex by this afternoon. You have until June 21<sup>st</sup> to make revisions before we post for public review

5

## Public and Stakeholder Outreach



- Public Outreach Toolkit –
  - Social media templates and posts
  - Printable materials
- Surveys
  - Input on draft plan
  - We will provide outreach materials next week
- HMP website – <https://www.franklincountyohhmp.com/>
- Planning Team meetings open to the public and stakeholders
- Thank you for helping with this!

**FRANKLIN COUNTY HAZARD MITIGATION PLAN 2023 UPDATE**

Home About What is Mitigation Meetings Calendar Explore the Plan Additional Information

Franklin County Hazard Mitigation Plan Update

Welcome to the Franklin County Hazard Mitigation Plan (HMP) Website. This website provides project updates, resources, and links to hazard mitigation in support of the HMP update.

The goal of the project is to save lives and property through the reduction of hazard vulnerability for Franklin County and its municipalities. During the course of this planning project, county and local leaders and the community will work in tandem to identify risks, assess capabilities, and formulate a strategy to reduce disaster vulnerability.

Public participation and feedback are vital parts of the hazard mitigation planning process. The Franklin County HMP Core Planning Team is developing a mitigation survey to assist in providing the public an outlet to contribute to the planning process. The survey will be available in the coming weeks.

Franklin County Emergency Management and Homeland Security - Follow

Is your family storm-ready? Have any ideas for making Franklin County more resilient to natural hazards? We are updating our Hazard Mitigation Plan and need your help! Take our survey and share your thoughts on hazard risks in the County. <https://www.franklincountyoh.com/franklincountyohhmp/>

Franklin County Hazard Mitigation Plan Update

Complete the Franklin County Hazard Mitigation Plan Survey today. Your opinion matters!

Find out more on our website - <https://www.franklincountyohhmp.com/>

Groves City Government - Follow

PLEASE SHARE: Franklin County Emergency Management and Homeland Security is updating the countywide Hazard Mitigation Plan. Learn more and participate today! Complete the Hazard Mitigation Plan Survey <https://www.franklincountyoh.com/franklincountyohhmp/>

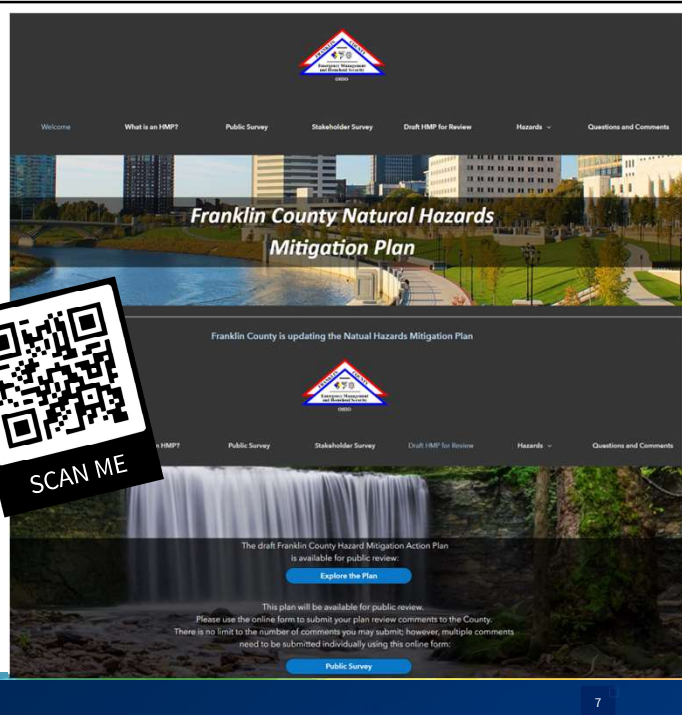
Franklin County Hazard Mitigation Plan Update

Complete the Franklin County Hazard Mitigation Plan Survey today. Your opinion matters!

6

## StoryMap

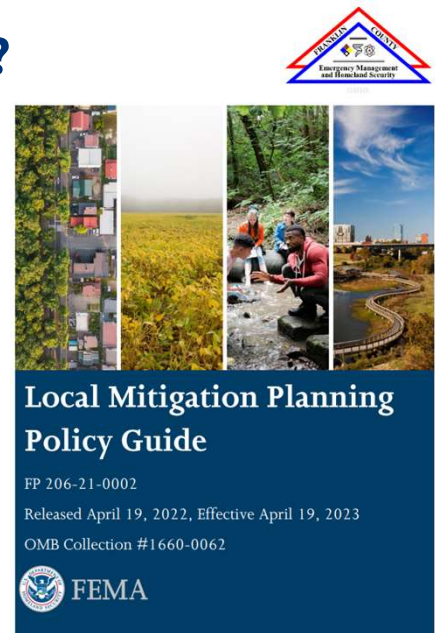
- StoryMap is LIVE!
- We will send around another batch of social media graphics to promote the StoryMap – stay tuned!



7

## What's New in the 2023 Update?

- New FEMA requirements
  - Participation – engaged and actively participating throughout the process
  - Stakeholder involvement
  - Community lifelines
  - Socially vulnerable populations
  - Effects of future conditions (i.e., climate change) on hazards
  - Current and future capabilities integrating hazard mitigation
  - One mitigation action per hazard



8

## What's New in the 2023 Update?



- **Critical facilities** – updated inventory and included community lifelines

- This includes – airports, bridges, cell towers, correctional facilities, dams, schools/daycares, EMS, fire, hazmat, hospitals/health care, police, utilities, tornado sirens, wastewater



## What's New in the 2023 Update?



- **Hazards of Concern** –

- Incorporated new hazards, and concise hazard profiles, including recent events
- Risk assessments for each hazard
- Climate change impacts incorporated into the probability of future occurrences
- Adaptive capacity to reduce vulnerability used in hazard ranking
- Impacts on population (general and socially vulnerable), buildings, lifelines, and economy

# What's New in the 2023 Update?



## • Jurisdictional Annexes

- Each jurisdiction has its own ‘chapter’ of the HMP that focuses on what impacts your jurisdiction and the population you serve.
- Enhanced capability assessment including how hazard mitigation is integrated
- One mitigation action for every hazard of concern

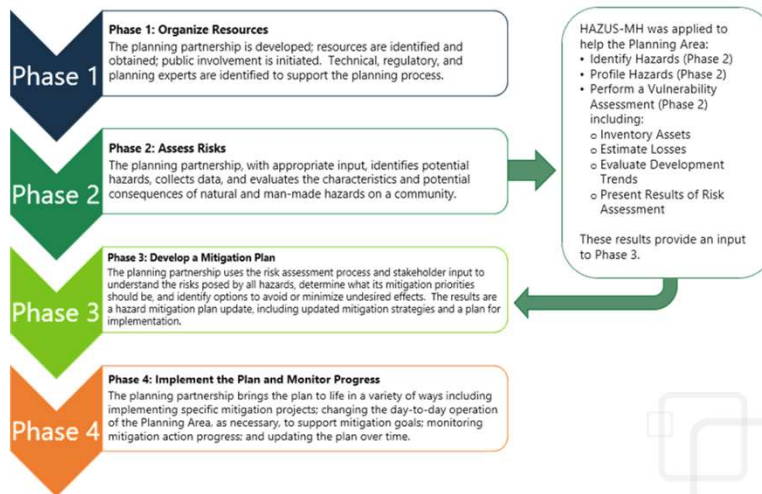
11

# Section Contents – Volume I




## • Section 1 – Introduction

- Mitigation planning overview
- Participating jurisdictions
- 2023 updates and summary of changes since last plan



12


# Section Contents




## Volume I

- **Section 2 – Planning Process**
  - Plan participants (committees, stakeholders, etc.)
  - Activities
  - Ongoing process


Date	DMA 2000 Requirement	Description of Activity	Participants
October 07, 2022	2	<b>Pre-Kick Off Meeting with Franklin County</b> Plan timing and administration, data needs and sharing, hazards of concern, dates, and next steps	Franklin County EM&HS, Tetra Tech
November 07, 2022	2	<b>Core Planning Team Meeting #1:</b> Welcome and Introductions, In-Kind Tracking, Project Organization, CPT Roles/Responsibilities, HMP Overview, Risk Assessment and Mitigation Strategy Overview, Data Collection, Public and Stakeholder Outreach Next Steps, and Schedule.	Franklin County EM&HS, Franklin County Economic Development & Planning, City of Dublin, City of Columbus, City of Grove, NAACP, MORPC, The Ohio State University, AEP Ohio, Sustainable Columbus, Tetra Tech
November 18, 2022	2, 3c, 4a	<b>Planning Team Meeting #1:</b> Welcome and Introductions, In-Kind Tracking, Benefits of Hazard Mitigation and Overview, Project Organization and Overview, Updating the Risk Assessment, Identifying Critical Facilities, Public and Stakeholder Outreach, Capability and Mitigation Strategies, Updating the Mitigation Strategy, Sections of Plan, Worksheet Review, Next Steps and Questions.	Franklin County EM&HS, City of Canal Winchester, City of Columbus, City of Dublin, Township of Franklin, City of Gahanna, City of Grandview Heights, Township of Jefferson, Village of Lockbourne, City of New Albany, Village of Obetz, Township of Plain, Township of Prairie, Township of Truro, City of Upper Arlington, Township of Washington, City of Westerville, City of Worthington, Tetra Tech



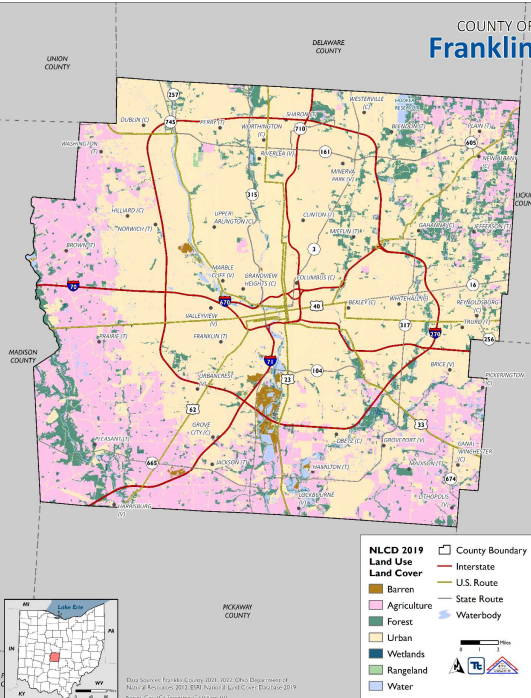

13


13

# Section Contents – Volume I



- **Section 3 – County Profile**
  - History & Physical Setting
  - Major Hazard Event History
  - Population and Demographics
  - General Building Stock
  - Land Use and Population Trends
  - Critical Facilities & Community Lifelines




14

14

## Section Contents – Volume I



### • Section 4 – Risk Assessment

- Identification of Hazards of Concern
  - Process to go through all potential hazards and identify the hazards that have the potential to impact the Planning Area
- Methodology and Tools
  - Describes the various procedures and tools used to complete the risk assessment
  - Steps to do so included identifying and profiling each hazard of concern; determine exposure to each hazard; and assess the vulnerability of exposed population/buildings/economy

## Section Contents – Volume I




### • Section 4 – Risk Assessment

- Hazard Profiles
  - Created individual sections for each hazard of concern.
  - Each section includes:
    - Hazard Profile – description, location, extent, worst-case scenario, previous occurrences, climate change projections, and probability of future events
    - Vulnerability Assessment – impact on life/health/safety, impact on building stock and critical facilities, impact on economy, impact on the environment, future changes that may impact vulnerability, and changes in vulnerability since the last plan
- Hazard Ranking
  - Provides a preliminary ranking (high, medium, low) of each hazard to show the Planning Area’s hazards of greatest risk




## Section Contents – Volume I




### Section 5 – Capability Assessment


- What is currently available at the federal, state, and county level to support mitigation in Franklin County
  - Available plans, programs, & resources
  - Administrative and technical capabilities
  - Fiscal capabilities
  - Education and outreach




Planning and Regulatory




Administrative and Technical




Financial



Education and Outreach


17


## Section Contents – Volume I



### Section 6 - Mitigation Strategies

- Past accomplishments
- Goals and Objectives
- Mitigation strategy development and update
  - Action identification
  - Evaluation and prioritization
  - Benefit/cost review

2023 HMP Update Goals	
1	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 equitably 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, particularly in vulnerable communities.
4	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.
5	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.


18

## Section Contents – Volume I



### • Section 7 – Plan Maintenance

- Ongoing Planning Partnership – meet annually to discuss HMP
- Monitoring
- Continuous evaluation and progress reports
- Updating
- Integrating the HMP with existing and future programs
- Continued public involvement



19

## BATool<sup>SM</sup>



- Online progress reporting for individual mitigation actions – pre-populated by Tetra Tech

Franklin County

Prev Action  Next Action

Review of this Action has not started

> View Update History

Please review and update this action by following the steps below and updating any/all fields (as needed).

Step 1: Enter your name as the "Reviewer" (then step 2 will be enabled for selection)

Reviewer:

Step 2: Update the "Action Status" field. Please continue to review and update all other fields, as needed.

Action Status:

Previous Action Status:

Project/Action Status Complete

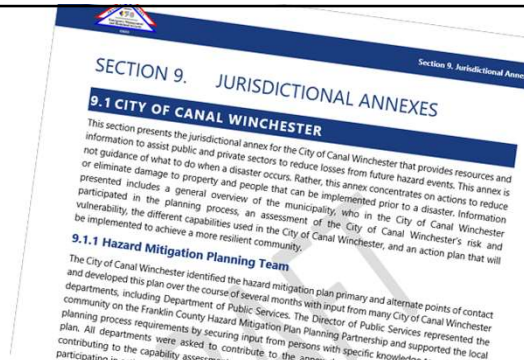
Description of the Action:

Specific Problem Mitigated:

20

## Section Contents – Volume II

- **Section 8 – Planning Partnership**
  - Participating jurisdictions
  - Introduction to jurisdictional annexes
- **Section 9 – Jurisdictional Annexes**
  - Points of Contact and Who Participated
  - Jurisdictional Profile
  - Capabilities
  - Risk Assessment
  - Status of Past Mitigation Actions
  - Current Mitigation Actions



Project Number	Mitigation Initiative Name	Description of Problem and Solution	New or Existing Asset?	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Integration	OS Category
2023-Canal Winchester-001	Generator Installation	<b>Problem:</b> There are three electrical water towers that do not have backup emergency power and communication. The water treatment plant and the communication towers are interrupted when severe weather causes local power outages. <b>Solution:</b> Provide generator for water tower to maintain control system communication.	Existing	Drought, Earthquake, Extreme Temp, Flood, Geologic, Severe Weather, Severe Winter Weather, Tornado	6	1 Year	Department of Public Service, Division of Water	City Budget, BRC, HMGP	City will maintain use of water for consumption and fire protection.	\$40,000	High	SIP	SP
2023-Canal Winchester-002	Installation of Emergency Sirens	<b>Problem:</b> The City does not have emergency hazard sirens in place that are able to alert all residents in the City. <b>Solution:</b> The City will seek funding for purchase and installation of	New	Dam/Levee, Disease Outbreak, Drought, Earthquake, Extreme Temp, Flood, Generator	4	1 Year	Department of Public Service	City Budget, HMGP	Residents in the City will have more time to shelter from tornado events.	>\$100,000	High	SIP	PR

## Section Contents - Appendices



- Appendix A Plan Adoption
- Appendix B Participation Documentation
- Appendix C Meeting Documentation
- Appendix D Public and Stakeholder Outreach Documentation
- Appendix E Mitigation Strategy Supplementary Data
- Appendix F Plan Maintenance Tools
- Appendix G Critical Facilities
- Appendix H Linkage Procedures

## Review the Draft Plan



- The entire plan will be posted on the Franklin County HMP website for a 30-day review period (starting Monday, June 25th)
  - You can review sections of the plan during the public review, and we will incorporate any applicable revisions into the final deliverable to the State and FEMA
- Ohio EMA will begin their review after the public review period
- Public feedback to be incorporated as appropriate prior to submittal to Ohio EMA/FEMA for their review
  - If needed, we will hold a brief meeting to discuss public comments and how to incorporate – date TBD

## Next Steps



- Draft Plan Review Meeting – TODAY!
- Any edits to sections of the plan are due **June 21, 2023**
  - This includes your jurisdictional annex! If we do not have any input by June 21st, your annex will be posted as-is for the public review period.
- Public Review Period (30 days) – June-July 2023 (starting June 26th)
- Submit Draft Plan for Ohio EMA/FEMA Review by August 1, 2023
- FEMA approves plan (~October 2023); begin adoption
- Implement Projects and Maintain the Plan → Increase Resilience!



25



26