



Burlington County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

Steering Committee Draft Plan Review Meeting

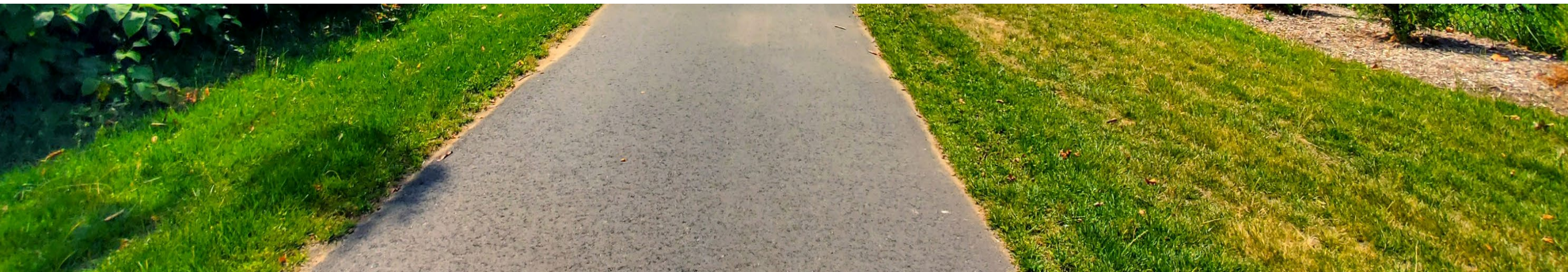
February 15, 2024

While waiting for the meeting to start, please enter your name and department/agency in the chat.



Today's Agenda

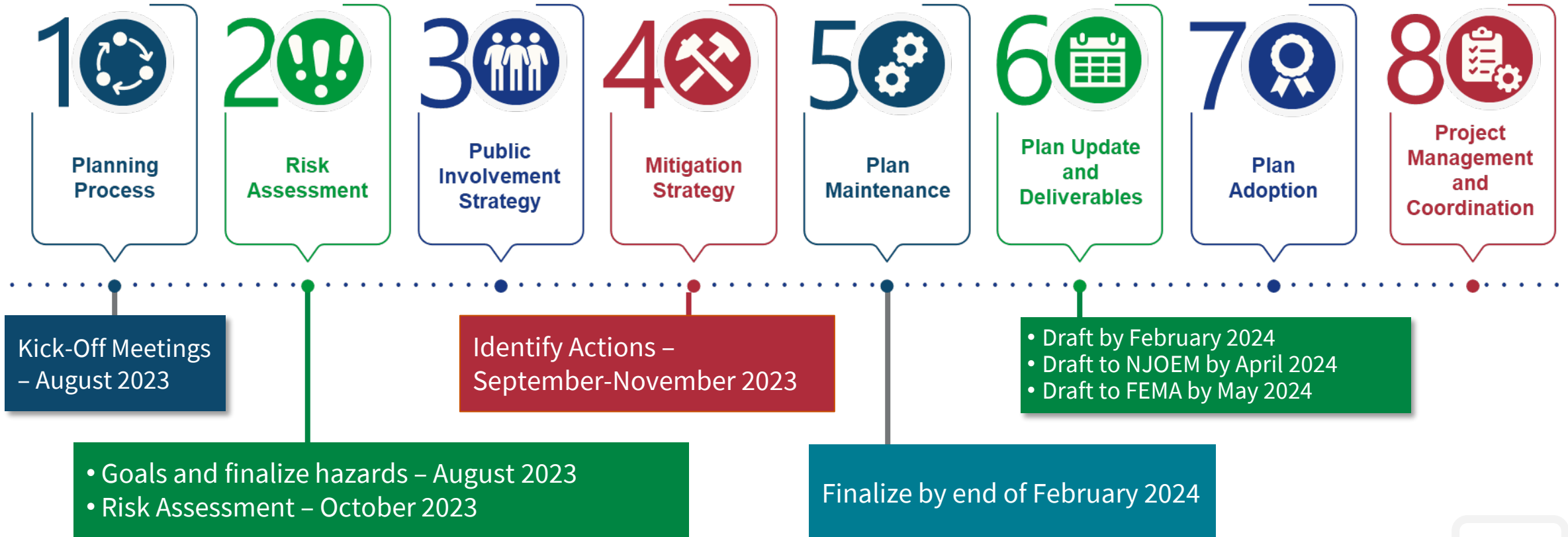
1. Welcome and Introductions
2. Project Status
3. Plan Maintenance Procedures
4. HMP Draft Review
5. Feedback and Input
6. Next Steps
7. Questions/Wrap Up





Project Status

Schedule





Public Outreach and Engagement

- Public Outreach Toolkit –
 - Social media templates and posts
 - Printable materials
- Surveys
 - Input on draft plan
- HMP website
<https://www.burlingtoncountynjhmp.com/>
- Make efforts to reach out to:
 - General Public
 - Stakeholders
 - Neighbors
 - Socially Vulnerable Populations

Burlington County Hazard Mitigation Plan Update - Public Survey

Natural Hazard Information

In this section, we are looking for your input on the types of natural hazards that impact Burlington County and its residents. Please answer the following questions to help us understand the concerns throughout the counties.

OK

1. In the last five years, how many times have you experienced in the last five years...

Dam Failure

Disease/F

BURLINGTON COUNTY

HAZARD MITIGATION PLAN SURVEY

Burlington County is seeking input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, drought, winter storms) and identify specific strategies to help reduce or eliminate risks.

TAKE THE SURVEY

[HTTP://BIT.LY/4SC7GOL](http://bit.ly/4sc7gol)

Annex Progress



Jurisdiction	Status
Bass River (Twp)	Incomplete
Beverly (C)	Incomplete
Bordentown (C)	Incomplete
Bordentown (Twp)	Complete
Burlington (C)	Complete
Burlington (Twp)	Incomplete
Chesterfield (Twp)	Complete
Cinnaminson (Twp)	Complete
Delanco (Twp)	Incomplete
Delran (Twp)	Incomplete

Jurisdiction	Status
Eastampton (Twp)	Incomplete
Edgewater Park (Twp)	Incomplete
Evesham (Twp)	Incomplete
Fieldsboro (B)	Incomplete
Florence (Twp)	Incomplete
Hainesport (Twp)	Incomplete
Lumberton (Twp)	Incomplete
Mansfield (Twp)	Incomplete
Maple Shade (Twp)	Complete
Medford (Twp)	Complete

Annex Progress



Jurisdiction	Status
Medford Lakes (B)	Incomplete
Moorestown (Twp)	Complete
Mt. Holly (Twp)	Incomplete
Mt. Laurel (Twp)	Incomplete
New Hanover (Twp)	Incomplete
North Hanover (Twp)	Incomplete
Palmyra (B)	Incomplete
Pemberton (B)	Incomplete
Pemberton (Twp)	Complete
Riverside (Twp)	Complete

Jurisdiction	Status
Riverton (B)	Incomplete
Shamong (Twp)	Incomplete
Southampton (Twp)	Incomplete
Springfield (Twp)	Incomplete
Tabernacle (Twp)	Incomplete
Washington (Twp)	Complete
Westampton (Twp)	Incomplete
Willingboro (Twp)	Incomplete
Woodland (Twp)	Incomplete
Wrightstown (B)	Incomplete




HMP Draft Review

What's New in the 2024 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




**Local Mitigation Planning
Policy Guide**

FP 206-21-0002

Released April 19, 2022, Effective April 19, 2023

OMB Collection #1660-0062

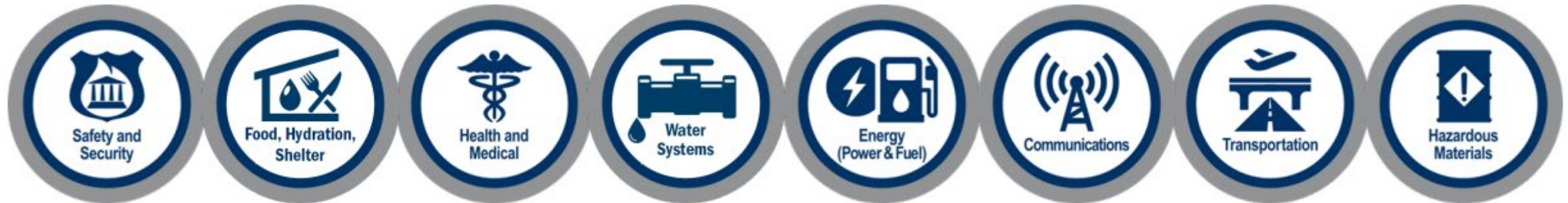


FEMA

The complex block contains a collage of four images: an aerial view of a residential neighborhood, a field of yellow flowers, a group of people sitting on a stream bank, and a winding path through a park. Below the collage is a dark blue banner with white text for the FEMA Local Mitigation Planning Policy Guide, including the document number, release and effective dates, OMB collection number, and the FEMA logo.

What's New in the 2024 Update?

- **Critical facilities reorganized as Lifeline facilities –**
 - This includes – airports, bridges, cell towers, correctional facilities, dams, schools/daycares, EMS, fire, hazmat, hospitals/health care, police, utilities, tornado sirens, wastewater
 - Inventory has been updated





What's New in the 2024 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 2024 Update?

- **Jurisdictional Annexes**

- Enhanced capability assessment including how hazard mitigation is integrated
- One mitigation action for every hazard of concern



2024 HMP Framework



Volume I

- Section 1. Introduction
- Section 2. Planning Process
- Section 3. County Profile
- Section 4. Risk Assessment
- Section 5. Capability Assessment
- Section 6. Mitigation Strategy
- Section 7. Plan Maintenance

Volume II

- Section 8. Planning Partnership
- Section 9. Jurisdictional Annexes

Appendices

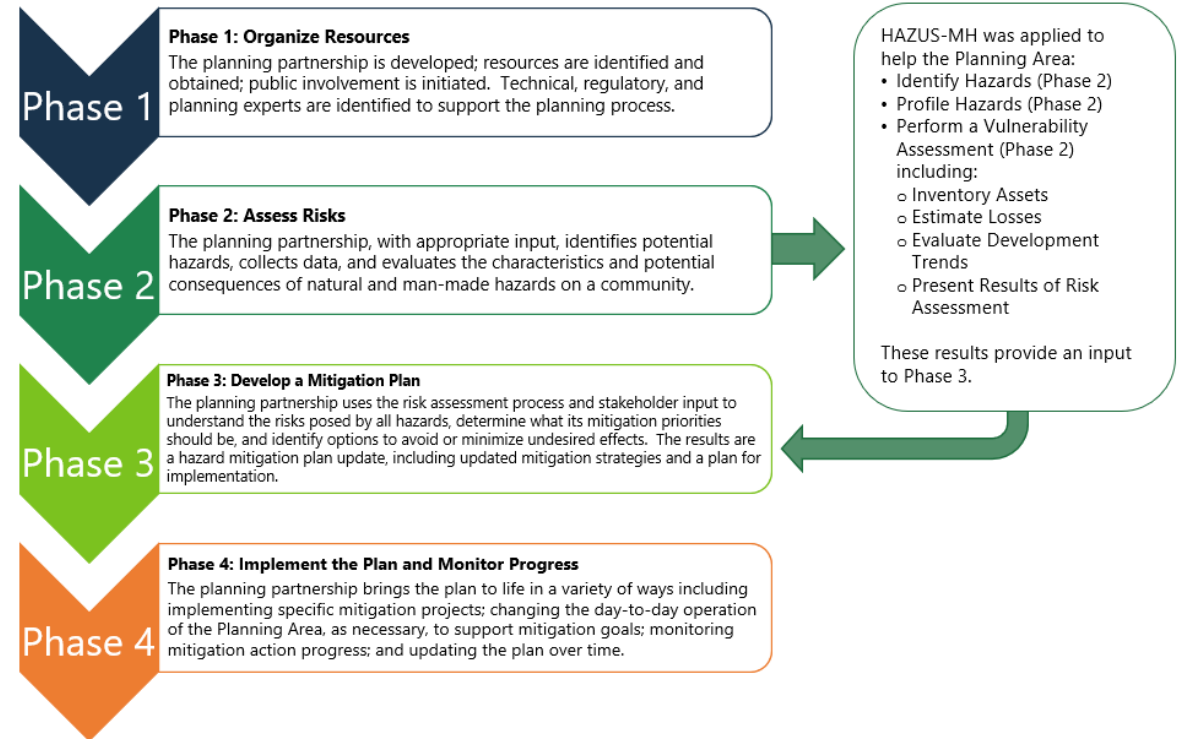
- Appendix A. Adoptions
- Appendix B. Participation
- Appendix C. Meeting Documentation
- Appendix D. Outreach
- Appendix E. Mitigation Strategies
- Appendix F. Plan Maintenance
- Appendix G. Critical Facilities
- Appendix H. Linkage Processes

Volume I

1. Introduction



- Plan Purpose
- Background of the plan
- Plan Organization
- Planning Differences – 2019 HMP vs. 2024 HMP



Volume I

2. Planning Process



- Introduction
- Organization of the Planning Process
 - Organization of the Planning Partnership
 - Planning Activities
- Stakeholder Outreach and Involvement
 - Federal, State, and County Agencies
 - Regional and Local Stakeholders
 - Stakeholder and Neighbor Survey Summaries
- Public Participation – Public Involvement
 - Public Survey Summary
- Plan Integration
- Integration with Planning Mechanisms and Programs
- Continued Public Involvement

Date	DMA 2000 Requirement	Description of Activity	Participants
June 20, 2023	2	<u>Pre-Kick Off Meeting with Burlington County:</u> Plan timing and administration, data needs and sharing, hazards of concern, dates, and next steps	Burlington County, Tetra Tech
August 22, 2023	2	<u>Steering Committee Meeting #1:</u> The purpose of the meeting was to introduce the Steering Committee members and contract consultant, provide an overview of the hazard mitigation planning process, identify the 2024 hazards of concern, discuss potential changes to the plan's goals and objectives, and to begin the information gathering processes.	Burlington County Division of Emergency Management, Burlington County Administration, Burlington County Department of Health, Burlington County Department of Public Information, Burlington County Department of Public Works, Burlington County Department of Resource Conservation, Burlington County Division of GIS, Burlington County Division of Solid Waste, Burlington County Department of Information Technology, Eastampton (Twp), Mansfield (Twp), Maple Shade (Twp), Moorestown (Twp), Springfield (Twp), American Water, Bordentown Regional School District, Burlington City Public Schools, Burlington Township School District, Holy Cross Preparatory Academy, Northern Burlington County Regular School District, Rowan College Burlington County Public Safety, NJOEM, Tetra Tech
August 29, 2023	2, 3c, 4a	<u>Planning Partnership Meeting #1:</u> The purpose of the meeting was to introduce the Planning	Burlington County Division of Emergency Management, Burlington County Administration,

Volume I

3. County Profile



- General Information
- Major Past Hazard Events
- Physical Setting
 - Location
 - Hydrography and Hydrology
 - Topography and Geography
 - Climate
 - Land Use and Land Cover
- Population and Demographics
 - General Population Characteristics
 - Vulnerable Populations
 - Population Trends
- General Building Stock
 - Development Trends and New Development
- Lifeline Facilities
 - Formerly discussed as Critical Facilities



Volume I

4. Risk Assessment



- 4.1 Hazard of Concern Identification
 - Process to review all potential hazards and identify the hazards that have the potential to impact the Planning Area
- 4.2 Methodology
 - 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

Volume I

4. Risk Assessment



- 4.3 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

- 4.4 Hazard Ranking

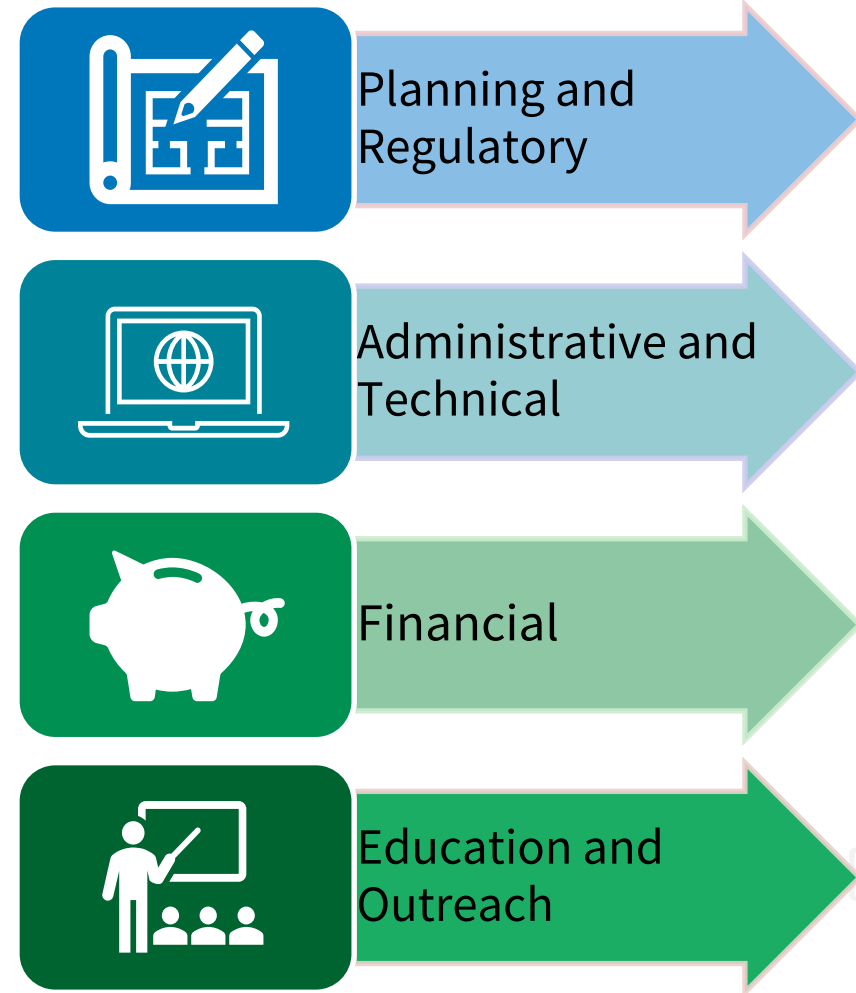
- Provides a preliminary ranking (high, medium, low) of each hazard to show the Planning Area’s hazards of greatest risk



Volume I

5. Capability Assessment

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



Volume I

6. Mitigation Strategy



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

2024 HMP Update Goals	
1	Protect Life
2	Protect Property
3	Increase public preparedness and awareness
4	Develop and maintain an understanding of increased risk from hazards climate change impacts to natural hazards
5	Enhance mitigation capabilities to reduce hazard vulnerabilities
6	Support continuity of operations pre-, during, and post-hazard events
7	Reduce the risk of natural hazards for socially vulnerable populations

Volume I

7. Plan Maintenance



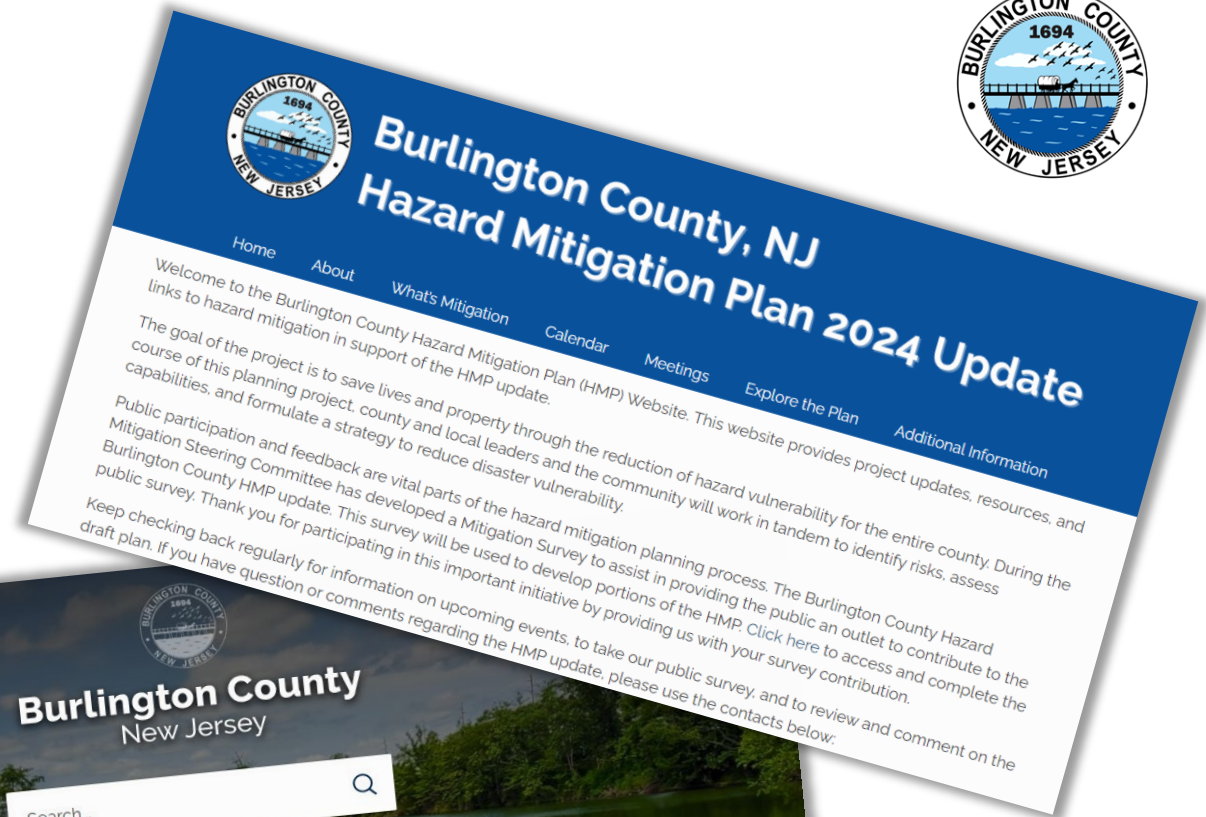
- Ongoing Planning Partnership – meet annually to discuss HMP
- Monitoring
- Continuous evaluation and progress reports
- Updating
- Integrating the HMP with existing and future programs
- Continued public involvement



Volume I

7. Plan Maintenance

- Share updates on County website or HMP site?
- Who will be responsible for receiving, tracking, and filing public comments?



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





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





FEMA Approval Process

- The plan is made available for public review.
- The second draft will be submitted to NJOEM and FEMA for review and approval.
- The third draft will be submitted to FEMA for review and approval
 - Once approved, FEMA will grant the plan 'Approvable Pending Adoption' status, meaning FEMA will approve the plan once it has been locally adopted.
- The County and municipalities will formally adopt the plan.
 - Resolution is submitted to FEMA and FEMA grants final approval.




Review the Draft Plan



- The entire plan will be posted on the Burlington County HMP [website](#) for a 30-day review period (starting February 20, 2024)
 - 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
- NJOEM will begin their review after the public review period
- Public feedback to be incorporated as appropriate prior to submittal to NJOEM/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 **March 21**
- Public Review Period (30 days) – February 20
- Submit Draft Plan for NJOEM Review by mid April
- Submit Draft Plan for FEMA Review by mid May; begin adoption
- FEMA approves plan (early summer); continue adoption
- Implement Projects and Maintain the Plan  Increase Resilience!





Questions?

Burlington County Project Contact

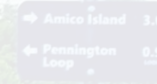
Kristen Carr, Office of Emergency Management
(609) 738-5139 | KrCarr@co.burlington.nj.us

Tetra Tech Project Manager

Chris Huch, CFM
(973) 630-8357 | chris.huch@tetrattech.com

Tetra Tech Lead Planner

Jessica Stokes, MSEM, NJCEM
(973) 630-8017 | jessica.stokes@tetrattech.com



Thank
You!