



Sussex County Multi-Jurisdictional Hazard Mitigation Plan 2025 Update

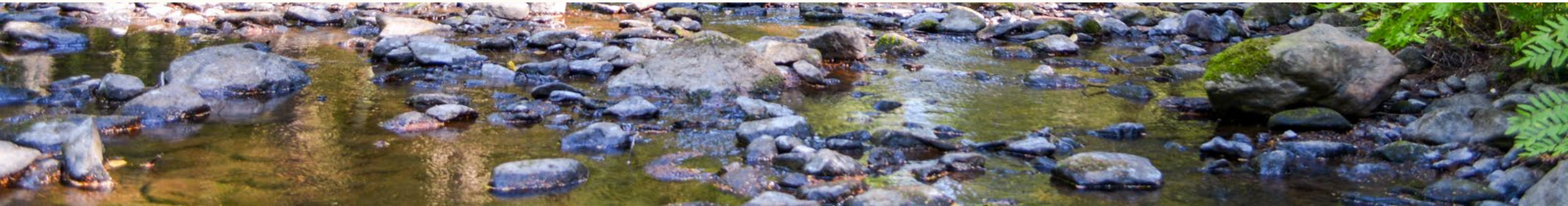
Draft Plan Review Meeting
November 21, 2024 | 7:00 pm

While waiting for the meeting to start, please place your name, title, and jurisdiction in the chat!



Today's Agenda

1. Welcome and Introductions
2. In Kind Tracking
3. Public and Stakeholder Outreach
4. HMP Draft Review
 - What's New?
 - 2025 Framework
 - Review Process
5. Next Steps
6. Questions/Wrap Up



Public Outreach and Engagement

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

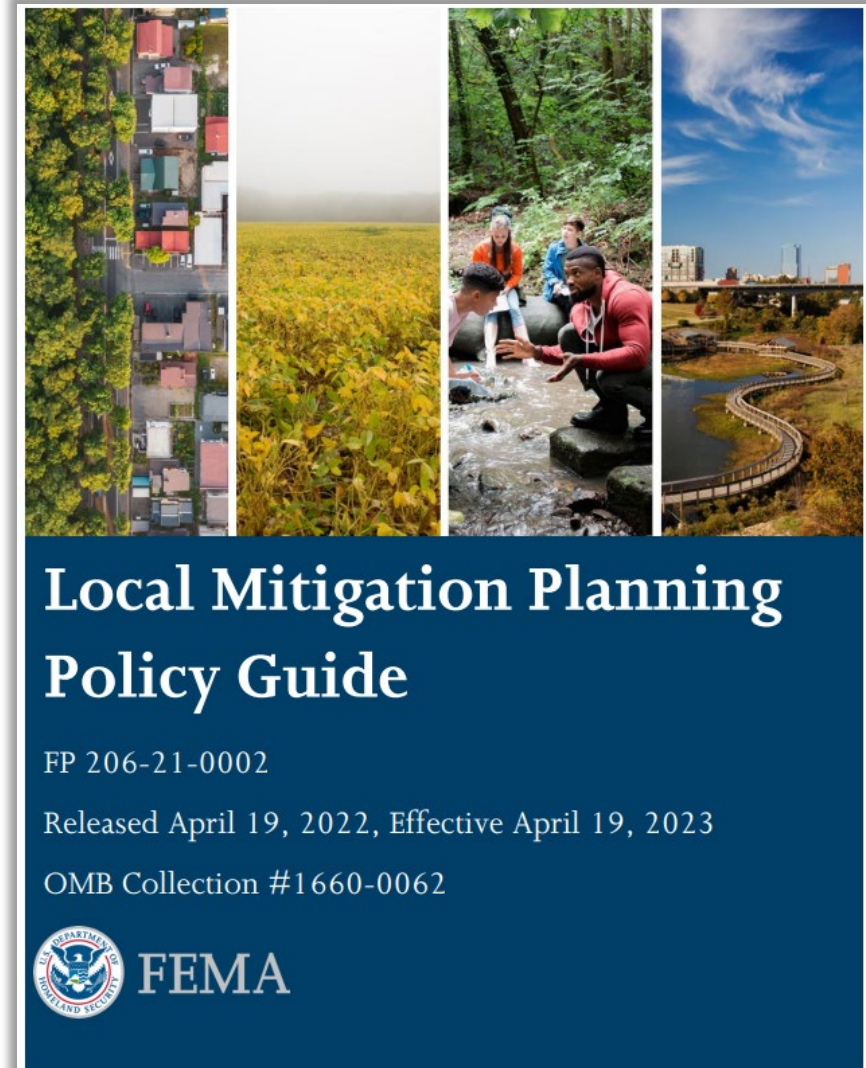




HMP Draft Review

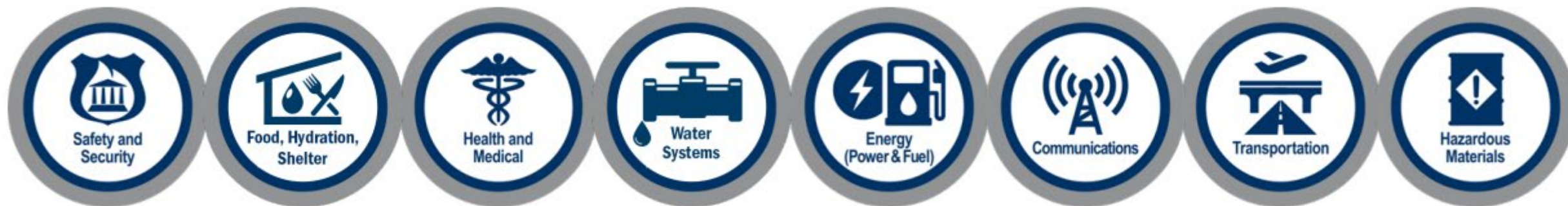
What's New in the 2025 Update?

- 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



What's New in the 2025 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 2025 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 2025 Update?

- **Jurisdictional Annexes**

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



2025 HMP Framework

Volume I

- Executive Summary
- Chapter 1. Introduction
- Chapter 2. Planning Process
- Chapter 3. County Profile
- Chapter 4. Risk Assessment Methodology
- Chapter 5. Hazards of Concern ID
- Chapters 6-18. Hazard Profiles
 - Dam Failure, Disease Outbreak, Drought, Earthquake, Flood, Geological Hazards, Hazardous Materials, Hurricane, Infestation, Nor'easter, Severe Weather, Severe Winter Weather, Wildfire
- Chapter 19. Hazard Ranking
- Chapter 20. Capability Assessment
- Chapter 21. Mitigation Strategy
- Chapter 22. Plan Maintenance



2025 HMP Framework

Volume II

- Chapter 1. Planning Partnership
- Chapters 2-26. Jurisdictional Annexes

Appendices

- Appendix A. Adoptions
- Appendix B. Participation
- Appendix C. Meeting Documentation
- Appendix D. Outreach
- Appendix E. Action Worksheet
- Appendix F. Plan Maintenance
- Appendix G. Critical Facilities
- Appendix H. Risk Assessment Supplement
- Appendix I: Mitigation Strategy Supplement
- Appendix J: NJOEM Guidance
- Appendix K: Linkage Procedures

Volume I

Executive Summary

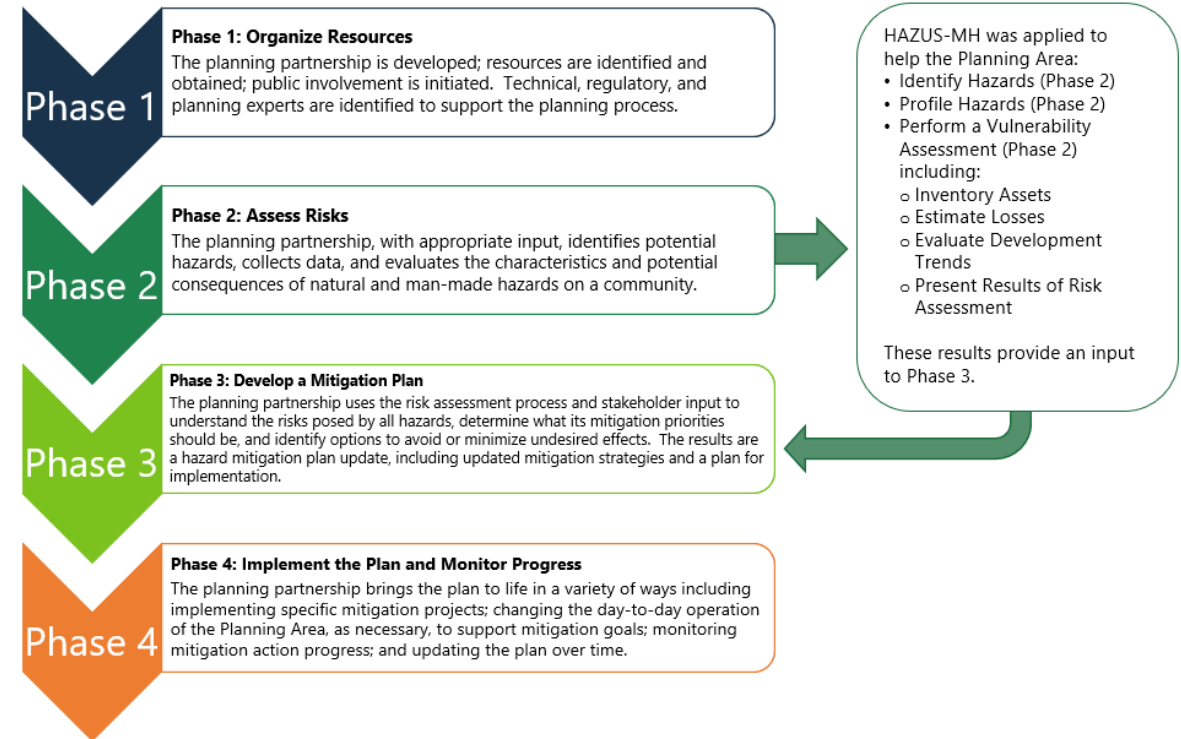
- Provides an overview of how the plan is laid out by describing the various chapters within the plan
 - Light summaries of key components of the HMP
 - Hazard Mitigation Overview
 - Planning Process
 - Involvement by Stakeholders and the Public
 - Risk Assessment for Local Hazards of Concern
 - Capability Assessment and Plan Integration
 - Mitigation Strategy



Volume I

1. Introduction

- Plan Purpose
- Background of the plan
- Plan Organization
- Planning Differences – 2021 HMP vs. 2025 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



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



4. Risk Assessment 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
 - Assess the vulnerability of exposed population/buildings/economy



5. Hazard of Concern Identification

- Describes the process to review all potential hazards and identify the hazards that have the potential to impact the Planning Area
 - Input from all participating jurisdictions
 - Review of the New Jersey State Hazard Mitigation Plan
 - Review of the 2021 Sussex County HMP
 - Research on the frequency, magnitude, and costs associated with hazards that have previously or could feasibly impact the region
 - Qualitative information regarding natural (not human-caused) hazards and the perceived vulnerability of the study area's assets to them.



- Created individual chapters for each hazard of concern.
- Each chapter 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, future changes that may impact vulnerability, impacts to natural, historical, and cultural resources, and changes in vulnerability since the last plan



- Provides a preliminary ranking (high, medium, low) of each hazard to show the Planning Area's hazards of greatest risk
- Provides information on the methodology used to determine the preliminary hazard rankings



Volume I

20. Capability Assessment

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



Volume I

21. Mitigation Strategy

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

Goal Number	2025 Goals
1	Protect Life
2	Protect Property
3	Increase public preparedness and awareness
4	Develop and maintain an understanding of increased risk from 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
8	Address long-term vulnerabilities from High Hazard Dams.

Volume I

22. 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 II

- **Chapter 1 – Introduction**
 - Participating jurisdictions
 - Introduction to jurisdictional annexes
- **Chapters 2-26 – 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. Adoptions
- Appendix B. Participation
- Appendix C. Meeting Documentation
- Appendix D. Outreach
- Appendix E. Action Worksheet
- Appendix F. Plan Maintenance
- Appendix G. Critical Facilities
- Appendix H. Risk Assessment Supplement
- Appendix I: Mitigation Strategy Supplement
- Appendix J: NJOEM Guidance
- Appendix K: 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 Sussex County HMP website for a 30-day review period (starting today, November 21, 2024)
 - Review 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!
- Public Review Period (30 days) – November 21 through December 21
- Submit Draft Plan for NJOEM Review by end of December 2024
- Submit Draft Plan for FEMA Review by mid-February; begin adoption
- FEMA approves plan (early April); continue adoption
- Implement Projects and Maintain the Plan  Increase Resilience!





Questions?

Sussex County Project Contacts

Steven Sugar, Deputy Coordinator
ssugar@sussexcountysheriff.com

Eric Muller, Deputy Coordinator
emuller@sussexcountysheriff.com

Tetra Tech Project Contacts

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

Grace Altenburg | Lead Planner
(352) 455-1822 | grace.altenburg@tetrattech.com



**Thank
You!**