

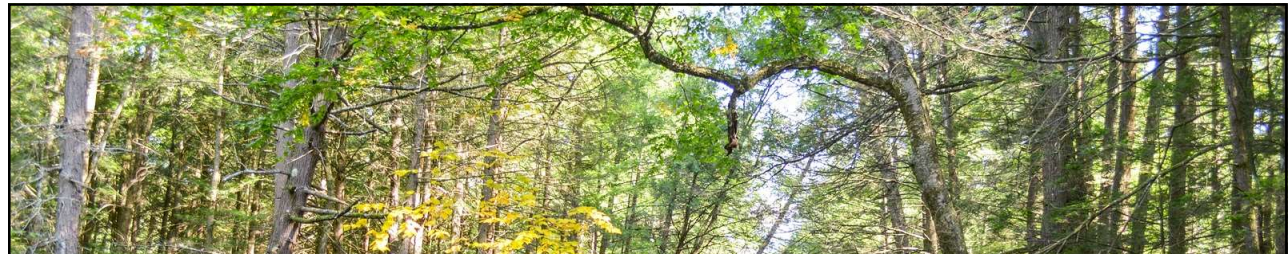


# Sussex County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

Steering Committee Kick-Off Meeting  
March 15, 2023 | 10:00 am

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

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## Today's Agenda

1. Welcome and Introductions
2. Hazard Mitigation Planning Overview
3. Project Organization
4. Steering Committee Responsibilities
5. Planning Process Overview
6. Schedule
7. Questions/Next Steps/Wrap Up




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## Hazard Mitigation Overview

Mitigation planning happens before a disaster strikes. It results in safer, more resilient communities – reducing risk for the residents, businesses, and critical services in Sussex County.

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## What is Hazard Mitigation?

Mitigation is a sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event



-or-

Any action taken to reduce future disaster losses




“provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and local ability...” (CFR).

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## Hazard Mitigation Planning Overview

- What is hazard mitigation?
- How does this support resiliency and recovery?
- Why update the plan?
- What is the process?


- ✓ Authorized by the Disaster Mitigation Act of 2000
- ✓ Provides an overview of the impacts of natural hazards on communities
- ✓ Provides a roadmap to reducing the impact of these hazards
- ✓ Requires a FEMA-approved natural hazard mitigation plan to be eligible for Pre-Disaster Mitigation Funding
- ✓ 5-year updates required to maintain eligibility



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## Why Update?



- The mitigation plan update will:
  - Help prepare for and mitigate hazards
  - Eligibility for pre- and post-disaster mitigation funding
- What is at risk in Sussex County?
- Which hazard do you think occurred the most since 2021?
  - **Scan this code to vote!**



January 2021 – December 2022	
Hazard	Occurrences
Blizzard	0
Extreme Cold, Cold/Wind Chill	0
Drought	0
Heat, Excessive Heat	0
Flood/Flash Flood	1
Hail	1
Heavy Rain	0
Hurricane/ Tropical Storm/ Tropical Depression	1
Lightning/ Thunderstorm	28
Tornado/Funnel Cloud	0
Wind	0
Winter Weather	24
Wildfire	0
TOTAL	55

Source: NOAA NCEI Severe Weather Inventory 2022

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## Project Organization

Working with individuals, agencies, neighboring jurisdictions, businesses, and other partners for a successful mitigation planning process.

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## Project Organization



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**Core Planning Team**

Sussex County  
Division of  
Emergency  
Management  
Tetra Tech
- 

**Steering Committee**
- Planning Partnership**


- 

**Stakeholders**
- 

**New Jersey  
Office of  
Emergency  
Management  
(NJOEM)**

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# Steering Committee Role and Responsibilities



Provide Guidance and Leadership



Oversee the Planning Process




Act as Points of Contact for Planning Partners and Stakeholders

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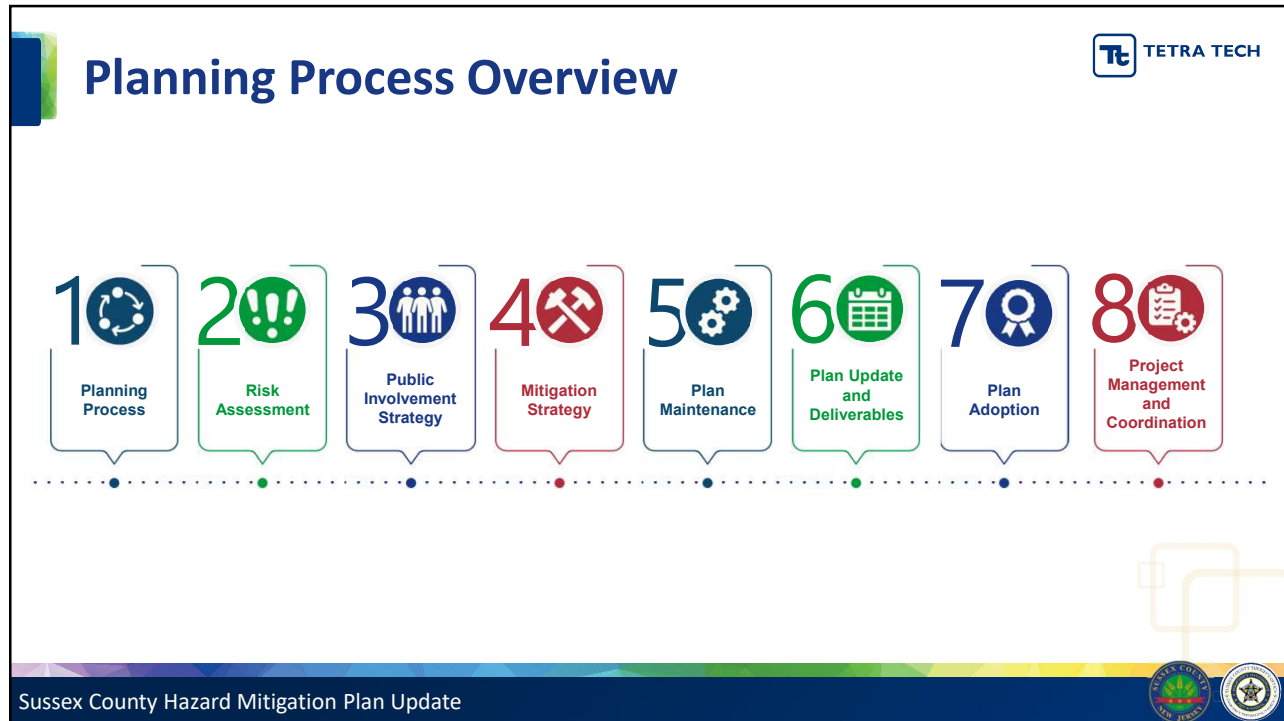
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## Planning Process Overview

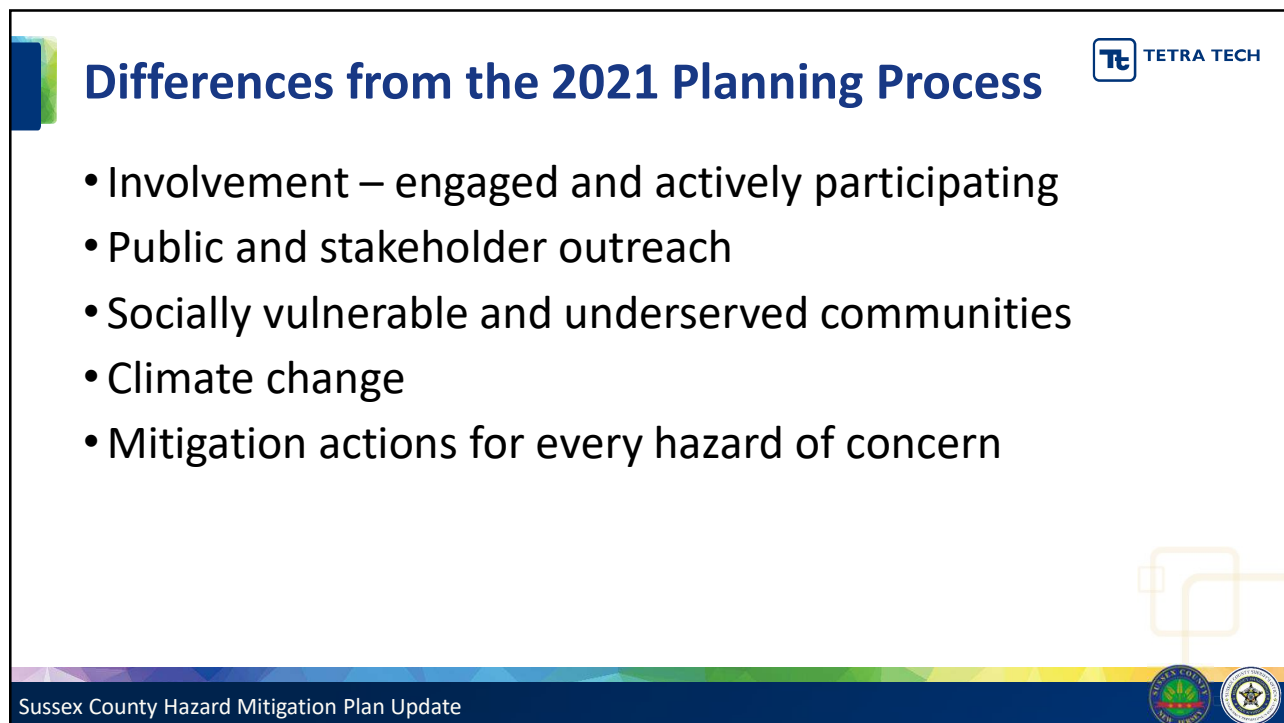


A well-defined planning process is essential to the success of Sussex County's HMP Update.

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# Update Risk Assessment

**HAZARDS**

- Location
- Extent
- Previous Occurrences
- Future Probability
- Climate Change

**ASSETS**

- Population
- Building Stock
- Critical Facilities
- Community Lifelines
- Economy
- Future Development

RISK

- Update Assets
- Examine Previous Impacts
- Analyze Risks
- Review with Steering Committee
- Risk Assessment Meeting

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# Hazards of Concern

- Dam Failure
- Disease Outbreak
- Drought
- Earthquake
- Extreme Temperature
- Flood
- Geologic Hazards
- Hurricane & Tropical Storm
- Infestation & Invasive Species
- Nor'Easter
- Severe Weather
- Severe Winter Weather
- Wildfire

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## EXERCISE Confirming Hazards of Concern

- **Looking at the hazards included in the 2021 plan...**
  - Have additional hazards impacted the County since 2021?
  - Have hazards been mitigated and no longer cause damage?
  - Should hazards be regrouped to align with the current NJ State HMP?
  - Should additional hazards be included?
- **How have hazards impacted the county?**
- **Where are your problem areas?**
- **Input needed!**
  - Use the link in the chat (or scan the QR code) to complete a survey for the hazards of concern.



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## Critical Facilities and Community Lifelines



- **Critical Facilities** provide essential services to the community, especially before, during, and after a disaster.
- **Community Lifelines** provide services that allow continuity of operations of critical business and government functions, and crucial to health and safety of residents.




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## Critical Facilities and Community Lifelines




 <p><b>Safety and Security</b></p>	 <p><b>Food, Water, Shelter</b></p>	 <p><b>Health and Medical</b></p>	 <p><b>Energy</b></p>
<ul style="list-style-type: none"> <li>• Correctional</li> <li>• Dam</li> <li>• DPW</li> <li>• EOC</li> <li>• Fire/EMS</li> <li>• Government / Municipal Hall</li> <li>• Police</li> <li>• School</li> </ul>	<ul style="list-style-type: none"> <li>• Potable Pump Station</li> <li>• Shelter</li> <li>• Wastewater Pump</li> <li>• Potable Well</li> </ul>	<ul style="list-style-type: none"> <li>• EMS</li> <li>• Medical</li> <li>• Public Health</li> <li>• Senior Care Facilities</li> </ul>	<ul style="list-style-type: none"> <li>• Electric Substation</li> </ul>




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## Critical Facilities and Community Lifelines



 <p><b>Communications</b></p>	 <p><b>Transportation</b></p>	 <p><b>Hazardous Materials</b></p>
<ul style="list-style-type: none"> <li>• Communication</li> </ul>	<ul style="list-style-type: none"> <li>• Airport</li> </ul>	<ul style="list-style-type: none"> <li>• None Identified</li> </ul>

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• **What additional facilities and lifelines should we add? Types to consider:**

- Food pantries, grocery stores, senior nutrition
- Organizations that provide services to populations in need
- Others?

## EXERCISE

### Review and Update Critical Facilities

What critical facilities and lifelines should we include in the 2024 Sussex County HMP?

Click on the Sticky Note icon

Type here!

Select 'save' to post the Sticky Note!

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## Mitigation Strategy



• **Goals**

- What outcomes do you want to achieve?

• **Actions**

- What specific actions will be taken to reduce hazard risk?


• **Action Plan**

- How will the actions be prioritized and implemented?

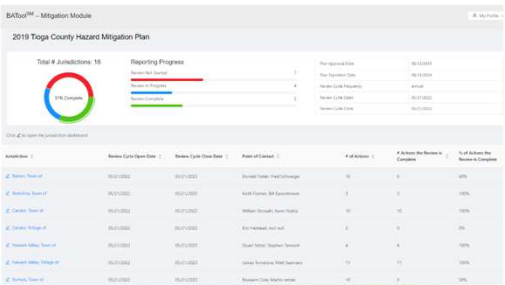


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## Review Your Previous Mitigation Strategy BATool<sup>SM</sup> Program




- Update the 2021 mitigation actions through the BATool<sup>SM</sup> – less paperwork!
- Refresher training for planning partners
- Populate 2024 mitigation actions





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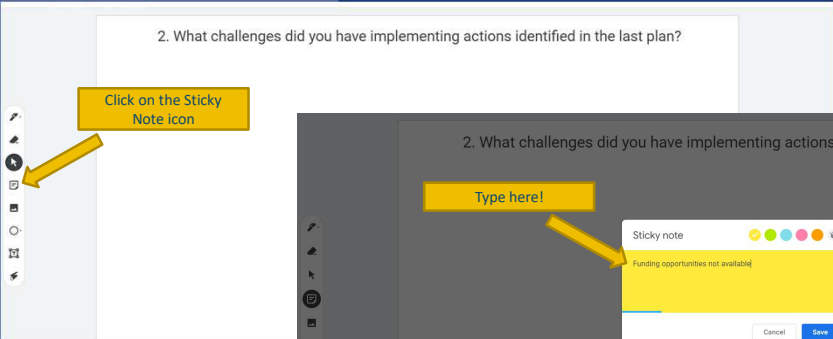

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## EXERCISE

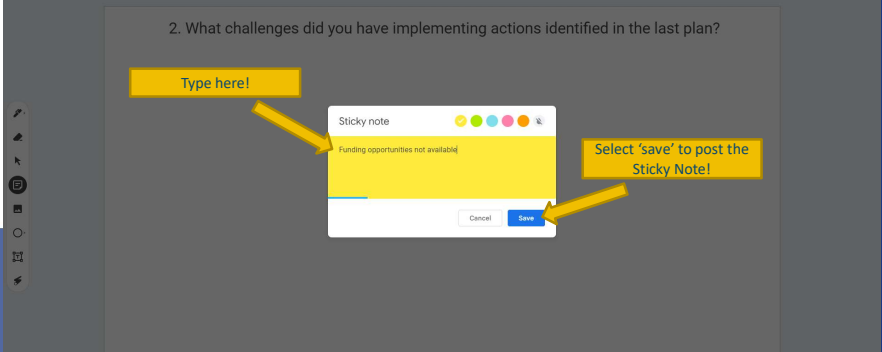
### Implementing 2021 Actions

- Looking at the actions included in the 2021 plan...
  - What challenges did you have implementing these projects?






Click on the Sticky Note icon



Type here!

Select 'save' to post the Sticky Note!

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## Goals and Objectives – Review and Update

Goal Number	Goal	Modify, Add, or Remove?
G-1	Protect Life	
G-2	Protect Property	
G-3	Increase Preparedness and Awareness	
G-4	Develop and Maintain an Understanding of Risks from Hazards	
G-5	Enhance Mitigation Capabilities to Reduce Hazard Vulnerabilities	
G-6	Support Continuity of Operations Pre-, During, and Post- Hazard Events	
G-7	Address Long-Term Vulnerabilities from High Hazard Dams	

Additional Goals?

Goal


Minimize new development in hazard-prone areas

Objectives

Reduce the number of vulnerable structures in flood hazard areas.

Actions

Amend zoning ordinance to permit only open space and uses within floodplains.



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## Public Outreach Strategy

- Public Outreach Toolkit
  - Social media templates and posts
  - Press release templates
  - Printable materials
- Surveys
  - Stakeholders
  - Neighboring communities
  - Public
- County Website
- StoryMap









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# Project Schedule

Upcoming meetings and key milestones throughout the HMP update process

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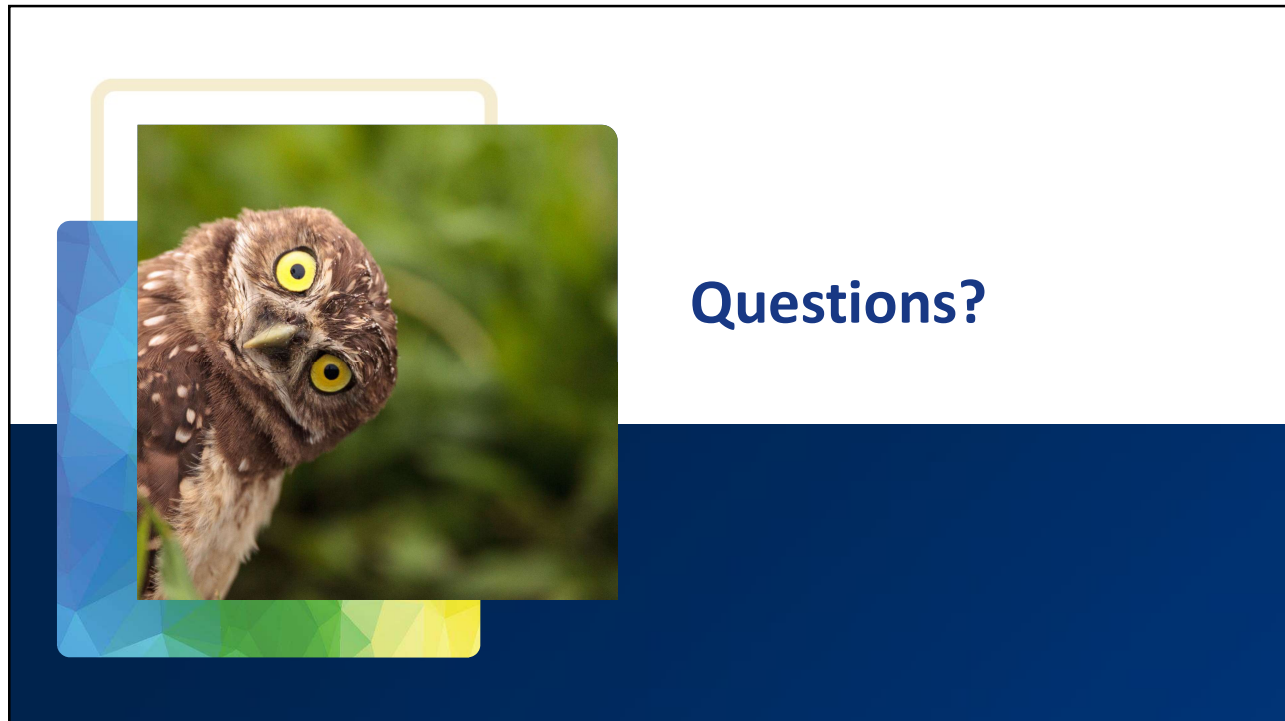
## Schedule

TETRA TECH

- 1 Planning Process**  
Kick-Off Meetings – TODAY!
- 2 Risk Assessment**  
• Goals and finalize hazards – mid-summer  
• Risk Assessment – late-summer
- 3 Public Involvement Strategy**
- 4 Mitigation Strategy**  
Identify Actions – mid-late fall
- 5 Plan Maintenance**  
Finalize by end of 2023
- 6 Plan Update and Deliverables**  
• Draft by February 2024  
• Draft to NJOEM by May 2024  
• Draft to FEMA by August 2024
- 7 Plan Adoption**
- 8 Project Management and Coordination**

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