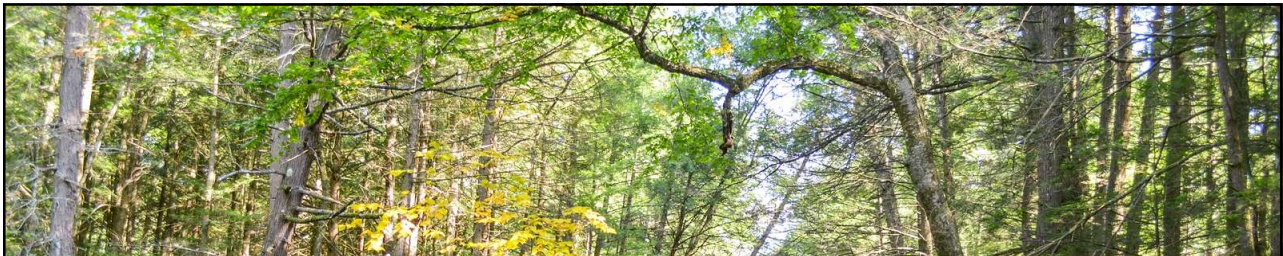




# Broome County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

Steering Committee Kick-Off Meeting  
July 19, 2023 | 11:00 am

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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 Broome County.

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## Hazard Mitigation Planning Overview



**Tt TETRA TECH**

- ✓ 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


- 1) What is hazard mitigation?
- 2) Why update the plan?
- 3) What's new for the 2024 HMP?
- 4) What is the process?

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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)**






# Why Update?




- The mitigation plan update will:
  - Help prepare for and mitigate hazards
  - Eligibility for pre- and post-disaster mitigation funding
    - Since 2005, Broome County received over \$32 million in FEMA funding
  - Incorporate new FEMA requirements
  - Support CRS participation/rating
- What is at risk in Broome County?
- Which hazard do you think occurred the most since 2019?
  - **Scan this code to vote!** 






January 2019 – July 2023	
Hazard	Occurrences
Drought Conditions	41
Earthquake	0
Extreme Temperature (heat/cold)	2
Flood	35
Severe Weather	213
Severe Winter Weather	12
Wildfire	9
TOTAL	312

Sources: NOAA NCEI 2023; NYSDEC 2023; USGS 2023; USDM 2023




## Differences from the 2019 Planning Process

 TETRA TECH

-  Involvement – engaged and actively participating
-  Public and stakeholder outreach
-  Socially vulnerable and underserved communities
-  Climate change
-  Mitigation actions for every hazard of concern

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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





**Core Planning Team**  
Broome County  
Planning  
Tetra Tech



**Steering Committee**

**Planning Partnership**





**Stakeholders**



**FEMA**  
Homeland Security & Emergency Services




**NYSDHSES and FEMA**



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# Steering Committee Roles and Responsibilities




**Guide the Planning Partnership**



**Actively Participate**




**Oversee the Planning Process**




**Review, Update, and Provide Input**





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## Planning Process Overview

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

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## Planning Process Overview

**Tt TETRA TECH**

- 1 Organizing the Planning Effort
- 2 Profile the Community and Existing Conditions
- 3 Select, Profile, and Evaluate Impacts of Hazards of Concern
- 4 Assess Capabilities and Integrate Resources
- 5 Develop the Mitigation Strategy
- 6 Establish the Plan Maintenance Process
- 7 Draft and Submit the Plan
- 8 Adopt the Plan

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# Phase 1 – Organizing Planning Effort





**Core Planning Team**  
Broome County  
Planning  
Tetra Tech



**Steering Committee**

**Planning Partnership**





**Stakeholders**


**NYS DHSES and FEMA**




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# Public Involvement Strategy

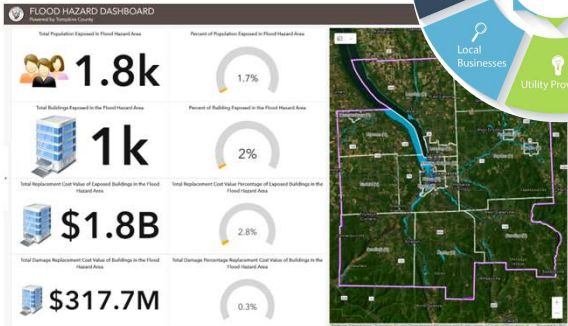


- **Public Outreach Toolkit**
  - Social media templates and posts
  - Press release templates
  - Printable materials
- **Surveys**
  - Stakeholders
  - Neighboring communities
  - Public
- **County Website**
- **StoryMap**




**Stakeholders**

- Non-Profits
- Senior Services
- Emergency Responders
- Chambers of Commerce
- Utility Providers
- Local Businesses
- Neighboring Communities
- Colleges and Universities



FLOOD HAZARD DASHBOARD	
Presented by Tetra Tech	
Total Replacements Reported in Flood Hazard Area	Percent of Replacements Reported in Flood Hazard Area
<b>1.8k</b>	1.7%
Total Buildings Reported in the Flood Hazard Area	Percent of Buildings Reported in the Flood Hazard Area
<b>1k</b>	2%
Total Replacement Cost Value of Exposed Buildings in the Flood Hazard Area	Total Replacement Cost Value Percentage of Exposed Buildings in the Flood Hazard Area
<b>\$1.8B</b>	2.8%
Total Damage Replacement Cost Value of Buildings in the Flood Hazard Area	Total Damage Percentage Replacement Cost Value of Buildings in the Flood Hazard Area
<b>\$317.7M</b>	0.3%



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## Phase 2 - Profile the Community and Existing Conditions



- **Data collection and inventory assets**
- **Update critical facility/community lifeline inventory**
  - 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.



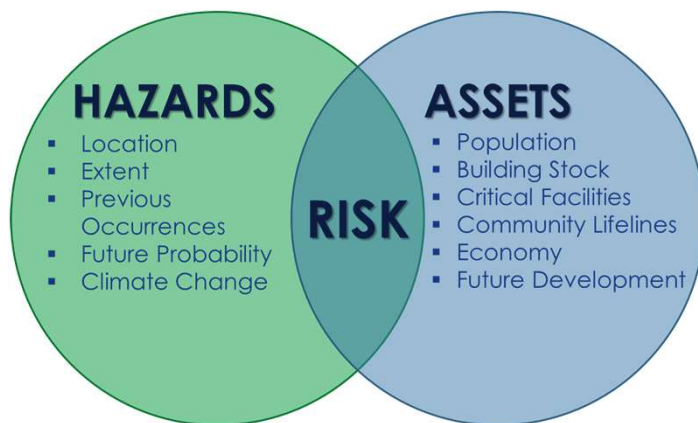
A lifeline enables the continuous operation of **critical government** and **business functions** and is essential to **human health** and **safety** or **economic security**.

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## Phase 3 - Risk Assessment



- Review and update list of hazards of concern
- Update hazard profiles
- Complete risk assessment
- Review risk assessment results with Steering Committee and Planning Partnership






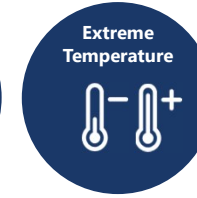
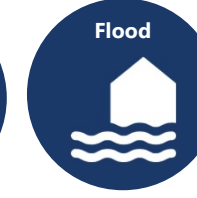





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# Hazards of Concern















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## EXERCISE Confirming Hazards of Concern

- **Looking at the hazards included in the 2019 plan...**
  - Have additional hazards impacted the County since 2019?
  - Have hazards been mitigated and no longer cause damage?
  - Should hazards be regrouped to align with the current NYS HMP?
  - Should additional hazards be included?
- **How have hazards affected the county?**
- **Where are your problem areas?**
- **Input needed!**
  - Refer to the worksheet we provided at the start of the meeting. Complete the worksheet or the online form.w



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## Phase 4 – Capabilities and Integration



- Review existing capabilities and identify how each reduces risk and if it incorporates elements of the HMP
- Describe current and future integration process for the County and each jurisdiction

### Regulatory

- Current ordinances that integrate mitigation (e.g., local flood damage prevention ordinance, stormwater management, wetlands protection, etc.).

### Operational and Administrative

- County/community boards/departments that integrate mitigation in their current processes and how.

### Funding

- Funding sources at the local level that may be used to fund mitigation projects.

### Education/Outreach

- Current action the County/community is taking to integrate mitigation in their outreach and notifications to residents.

### Adaptive Capacity

- Review the County and municipalities' adaptive capacity to deal with the potential impacts of climate change.



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## Phase 5 – Mitigation Strategy



- Review 2019 mitigation actions
- Review and update goals/objectives
- Problem statements and potential solutions
  - What specific actions will be taken to reduce hazard risk?
- Develop an action plan
  - How will the actions be prioritized and implemented?
  - One mitigation action for every hazard of concern!



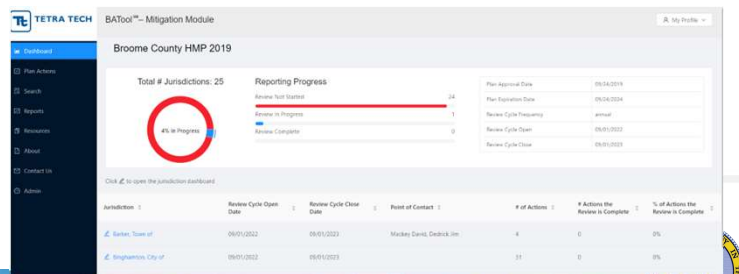
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## Review Your Previous Mitigation Strategy BATool<sup>SM</sup> Program



- Update the 2019 mitigation actions through the BATool<sup>SM</sup> – less paperwork!
- Refresher training for planning partners
- Populate 2024 mitigation actions



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## Phase 6 – Plan Maintenance




- Develop a game plan for maintaining the 2024 HMP over the next 5 years
  - How often will you meet to discuss progress on the HMP?
  - How will the County and jurisdictions integrate the HMP?
  - How will you monitor progress on the 2024 mitigation actions?


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## Phase 7 – Draft and Submit the HMP




Volume I	AppendicesA	Volume II
Table of Contents	Sample Adoption Resolution	Planning Team
Executive Summary	Participation Matrix	Jurisdictional Annexes (25)
Introduction	Meeting Documentation	
Planning Process	Public and Stakeholder Outreach	
County Profile	Risk Assessment Information	
Risk Assessment	Mitigation Strategy Support Documentation	
Capability Assessment	Plan Maintenance Tools	
Mitigation Strategies	Linkage Procedures (if applicable)	
Plan Maintenance	Critical Facilities	
Acronyms and Abbreviations	High Hazard Potential Dam (HHPD)	
Glossary		
References		


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## Phase 8 - Plan Adoption & Integration



- Once FEMA approves the HMP, the County and each jurisdiction will need to adopt the plan
- Begin plan implementation and integration



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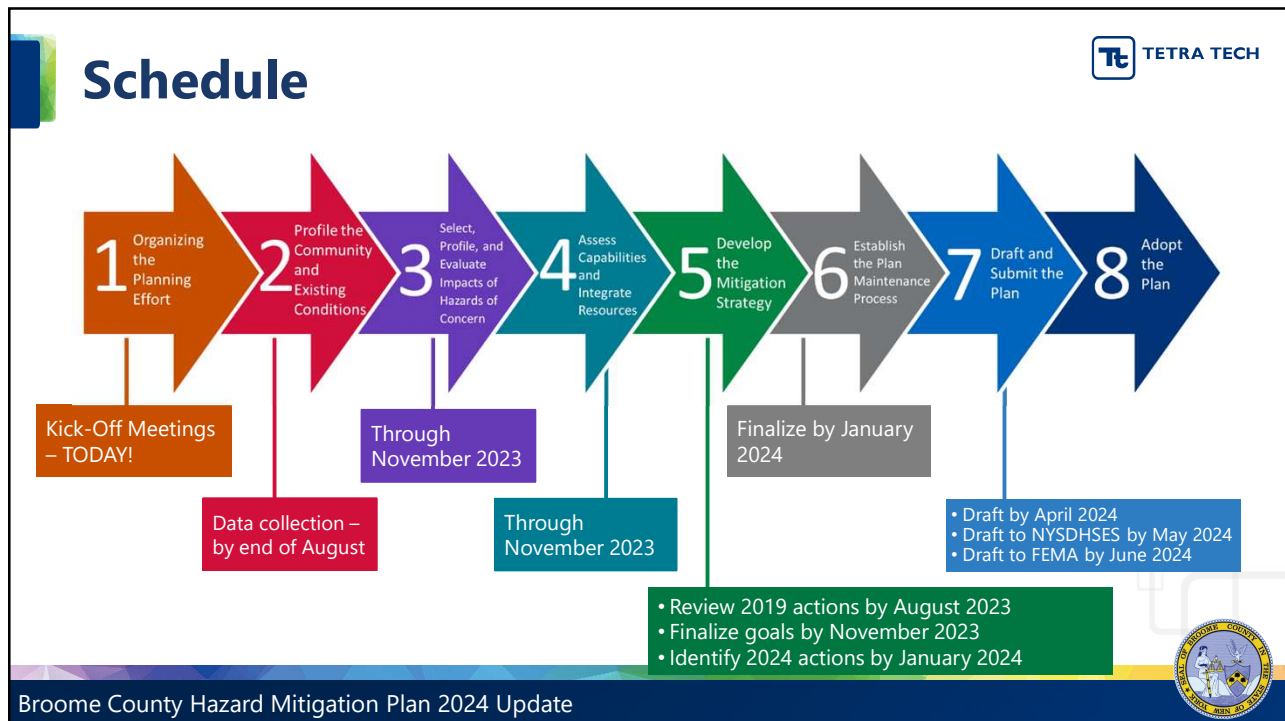
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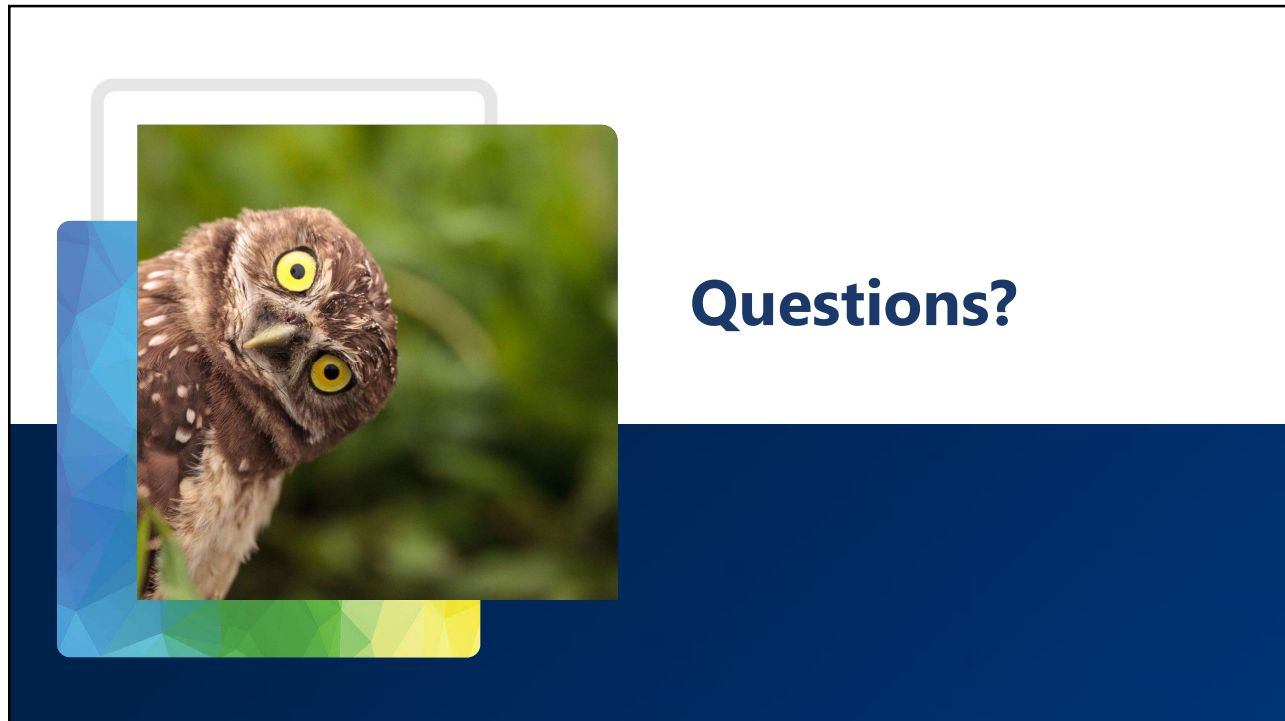
# Project Schedule

Upcoming meetings and key milestones throughout the HMP update process

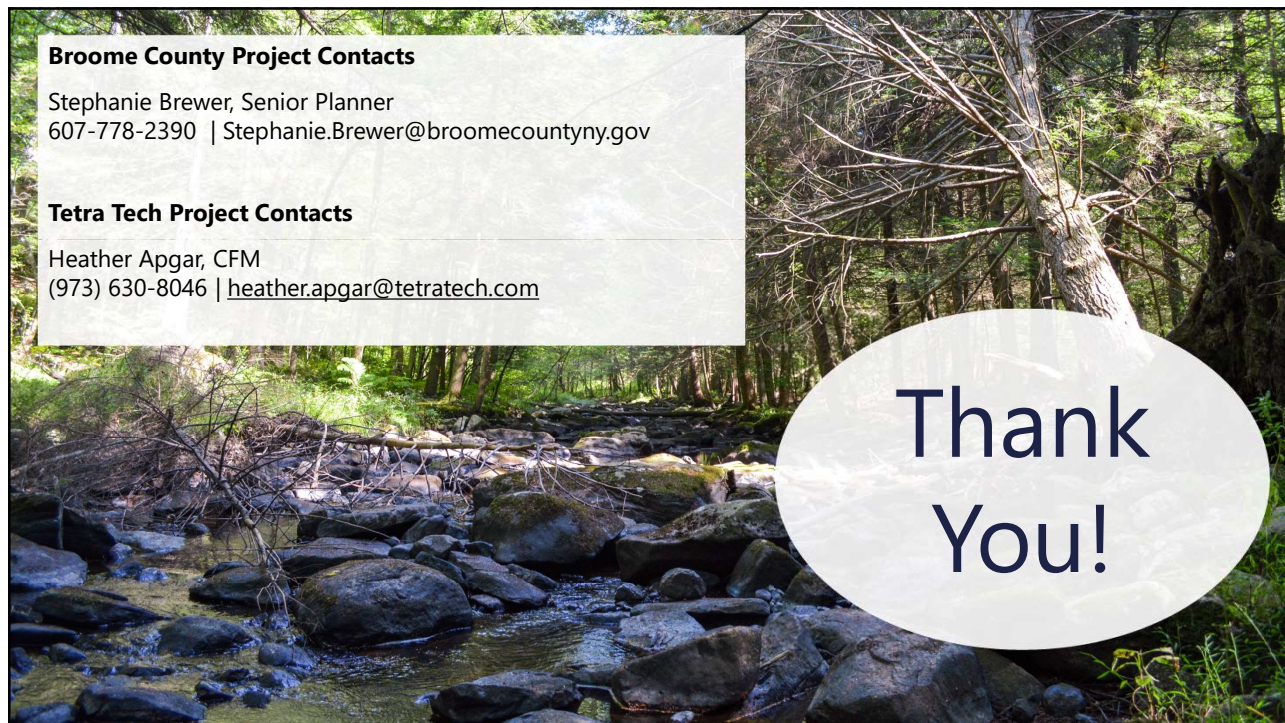
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