



Tt TETRA TECH

Rockland County Hazard Mitigation Plan 2024 Update

Planning Partnership Mitigation Action Workshop
December 13, 2023 | 11:00 am

Leading with Science®

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Today's Agenda

1. Identifying and Developing Mitigation Strategies
2. Review Previous Actions
3. Developing New Potential Actions
4. Workshop to Review Previous Actions, Identify New Actions, Complete Municipal Annexes
5. **Check in with Tetra Tech staff before leaving**

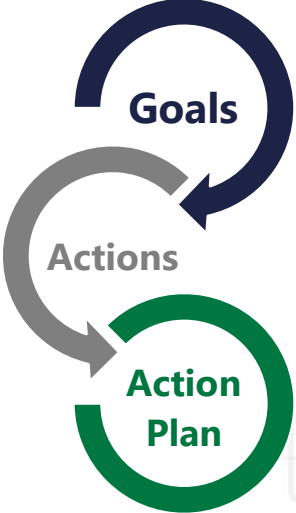



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Purpose of the Mitigation Strategy



- The **Mitigation Strategy** is the County's roadmap to reduce the risk of hazards identified in the HMP. The strategy is based on hazard impacts, asset vulnerability, and the County's capabilities.
- **Mitigation Actions** are specific activities, such as policies, projects, and studies, that stakeholders identify to reduce risk.
- Need to think about the following...
 - Goals - What outcomes do you want to achieve?
 - Actions - What actions will be taken to reduce risk?
 - Action Plan - How will the action be prioritized and implemented?


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How do you reduce risk?

- How do you reduce risk for a hazard?
 - **Manipulate the Hazard**
 - Structural flood control (e.g., flood walls, levees)
 - **Reduce/Eliminate Exposure**
 - Acquire floodprone properties
 - **Reduce Vulnerability**
 - Retrofit (e.g., floodproofing structures)
 - **Increase Capability**
 - \$, preparation, technical assistance, planning enforcement



Mitigation Ideas

A Resource for Reducing Risk to Natural Hazards




BUILDING COMMUNITY RESILIENCE WITH NATURE-BASED SOLUTIONS


A GUIDE FOR LOCAL COMMUNITIES

JUNE 2023

RiskMAP



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Using Your Mitigation Strategy to Reduce Risk



- What is a **Mitigation Strategy**?
 - A group of projects or actions to reduce the impacts of the hazards of concern on your community
 - Plans and Regulations
 - Structure and Infrastructure Studies and Projects
 - Natural Systems Protection Studies and Projects
 - Education and Awareness Programs
- Terms to describe the Mitigation Strategy include:
 - **Mitigation Action Plan** or **Action Plan**
 - **Mitigation Projects** or **Initiatives** or **Actions**

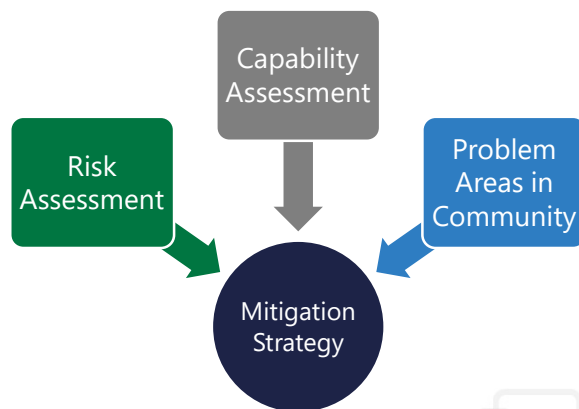
Your Mitigation Strategy table is included in your annex. We will use online forms to collect details on the actions you will include in the 2024 Update.




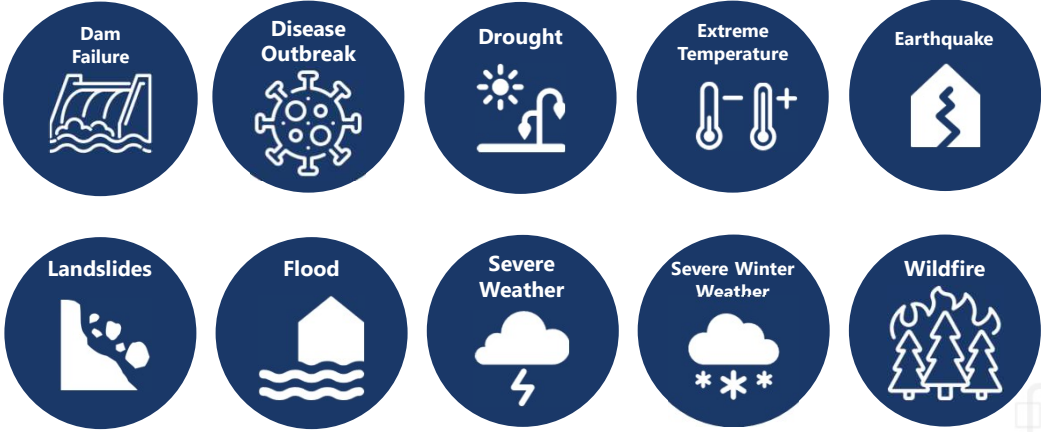
Connecting to the Mitigation Strategy





- Need a clear connection between vulnerabilities identified in the risk assessment and proposed mitigation actions.
- The capability assessment can provide insight into challenges and opportunities for the mitigation strategy.
- All actions proposed in the mitigation strategy must have a factual basis tied to hazards (*this shouldn't be a wish list!*)




Hazards of Concern



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Where do you need to focus?




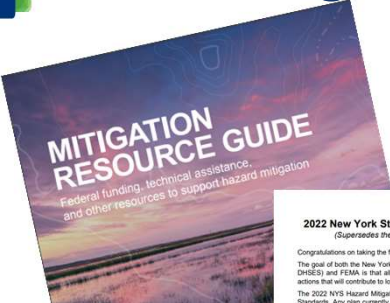
- **Quality not quantity** each action needs detailed information on the why, who, what, and when of the action.
- **Stronger connection** between the risk assessment and mitigation strategy
- **More specific, achievable actions**
 - Specific projects, in specific locations, in a specific timeframe
 - Focus on socially vulnerable populations and underserved communities
- **2019 Projects**
 - If a project is not finished and still a priority, include in 2024 HMP
 - Remove general projects or make more specific
 - Remove ongoing capabilities like maintenance or annual outreach
- **Diverse actions**
 - You need at least **one action per hazard of concern**. Think about actions that can cover multiple hazards.
 - If you have critical facilities in the floodplain, need an action addressing the facility
 - If you have RL/SRL properties, need an action to mitigate those properties
 - Include a variety of action types (e.g., plans, floodproof critical facilities, outreach programs, etc.)

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Other Mitigation Actions to Consider





MITIGATION RESOURCE GUIDE
Federal funding, technical assistance, and other resources to support hazard mitigation

2022 New York State Hazard Mitigation Planning Standards
(Supersedes the 2017 NYS Hazard Mitigation Planning Standards)

Congratulations on taking the first steps to update a multi-hazard mitigation plan for your community! The goal of both the New York State Division of Homeland Security and Emergency Services (NYS DHEES) and FEMA is that all jurisdictions develop robust mitigation plans and tangible mitigation actions that will contribute to long-term risk reduction.


The 2022 NYS Hazard Mitigation Planning Standards reduce the 2017 Hazard Mitigation Planning Standards. Any plan currently in development, regardless of date funded, will be held only to these reduced standards.

PLEASE NOTE:
On April 19, 2023, FEMA's new Local Mitigation Planning Policy will take effect. Plans approved on or after this date **must meet requirements** as outlined in the linked [linked Policy Guide](https://www.fema.gov/sites/default/files/documents/fema_local-mitigation-planning-policy_042023.pdf).
https://www.fema.gov/sites/default/files/documents/fema_local-mitigation-planning-policy_042023.pdf

The additional state requirements detailed below are intended to improve the quality of hazard mitigation plans and encourage the development of the most appropriate and effective mitigation projects for your community. It is recognized that many jurisdictions have inherent constraints and certain information may be difficult to provide. NYS DHEES and FEMA will work with you throughout the entire planning process to ensure the successful development of your community's hazard mitigation plan.


There are a multitude of resources that exist to provide guidance and support throughout the planning process, developed by Federal and State agencies, as well as private and research-based groups. We urge you to contact us so that we may direct you to additional resources and provide you with the most comprehensive technical assistance possible.

For questions and comments, please call our offices at 518-202-2304.
Additional contact information will be provided to sub-recipients for more direct assistance.




Mitigation Ideas
A Resource for Reducing Risk to Natural Hazards

- Local Disaster Debris Management Plans
- Substantial Damage Management Plan
- Actions to address high-hazard or significant-hazard dams
- Public education and outreach programs
- Generators at critical facilities and community lifelines
- Floodproofing critical facilities and community lifelines
- Addressing repetitive and severe repetitive loss properties



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Mitigation Strategy Online Form



- We will be collecting input on mitigation actions through on online form
- Complete one form per action (<https://forms.office.com/r/j7qdFnc8mA>)
- We will be providing additional information to help with the actions
- Any questions, reach out!
- All forms are **due January 10th**

Rockland County HMP - Mitigation Strategies

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Please use this form to develop your mitigation strategy. One form is needed for each strategy/action and FEMA requires one action per hazard of concern. However, one action can address multiple hazards. If you need assistance, please reach out to Heather Appar (heather.appar@tetratech.com).

Section 1


Contact Information
Complete this section with your contact information.

1. Name *

2. Title *



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Project Schedule and Next Steps


Upcoming meetings and key milestones throughout the HMP update process

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Next Steps



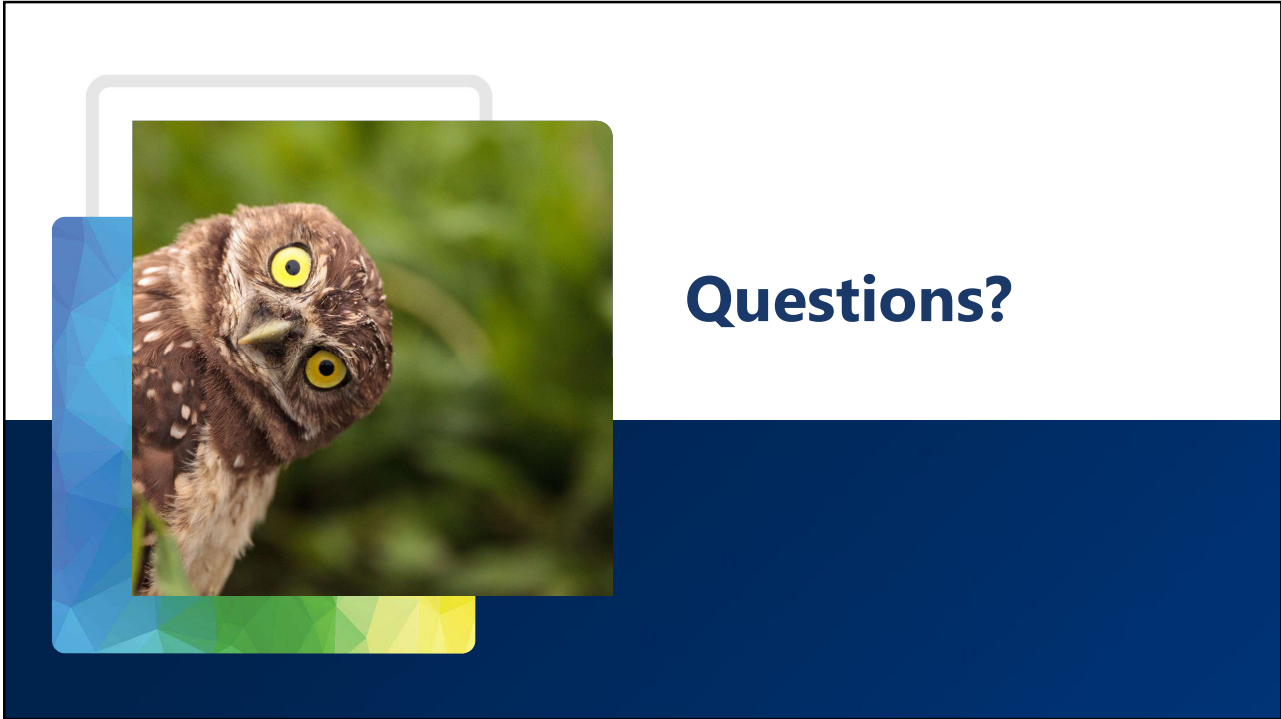
Item	Due Date
Risk assessment/mitigation workshop (in-person)	TODAY!
Hazard ranking input	Wednesday, January 3rd
Mitigation actions	Wednesday, January 10th
Finalize annexes	Friday, January 26th
Draft plan presentation (virtual)	Late January/Early February
Adopt HMP	February-March 2024



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