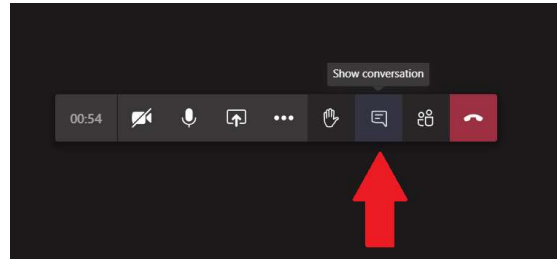


Welcome!



• If you are attending the webinar on your computer, please add your name, title, and organization(s) to the chat box.

- Bring your mouse to the lower part of the screen until a set of buttons appears. They may also be at the top of your screen.
- Click "Show Conversation."



Broome County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

Steering Committee – Goals,
Objectives, and Hazards of Concern

September 14, 2023





Agenda

- Participation Status
- Project Schedule and Status
- Review/Finalize Hazards of Concern Review
- Review Goals and Objectives
- Public and Stakeholder Outreach
- Next Steps/Questions

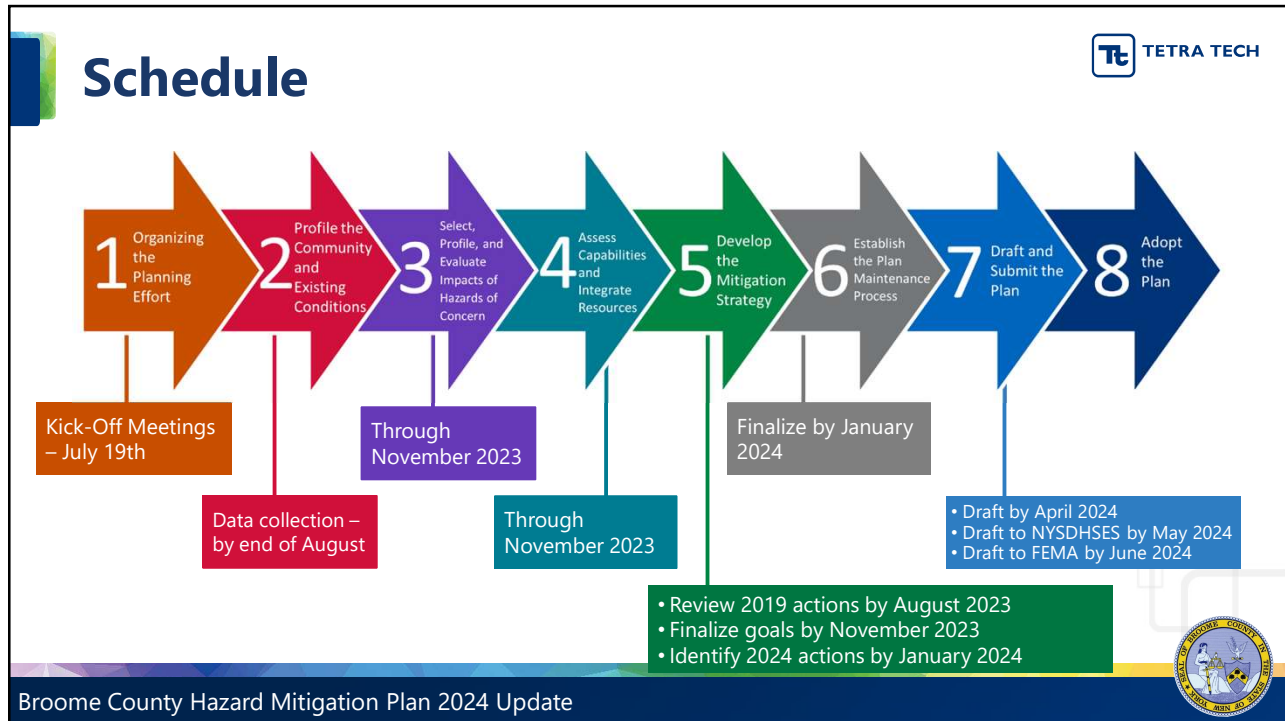
3

Participation Status

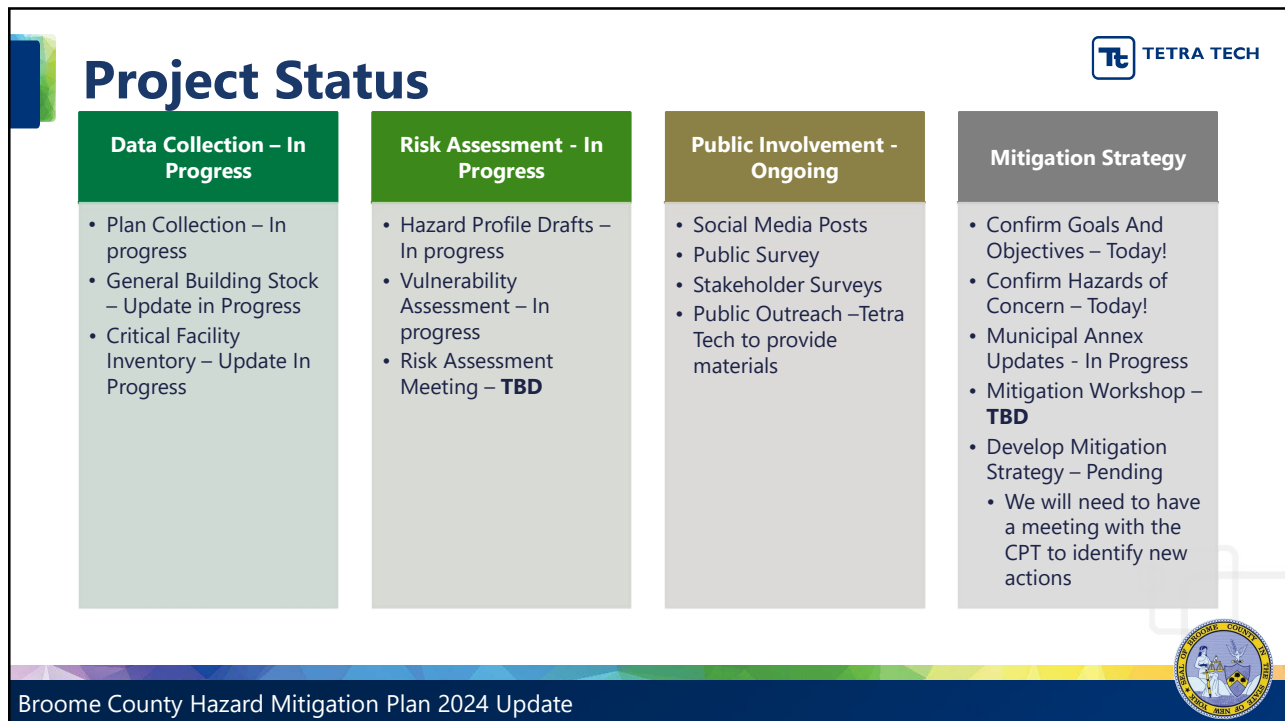
- Annex updates are in progress
- Worksheets were sent out to all participating jurisdictions – Tetra Tech is following up with each to help complete the worksheets
- Status of Previous Mitigation Actions –
 - Tetra Tech will work with the jurisdictions to get updates; only two jurisdictions utilized the BATool to update
- Critical Facilities
 - Some input received

Broome County Hazard Mitigation Plan 2024 Update

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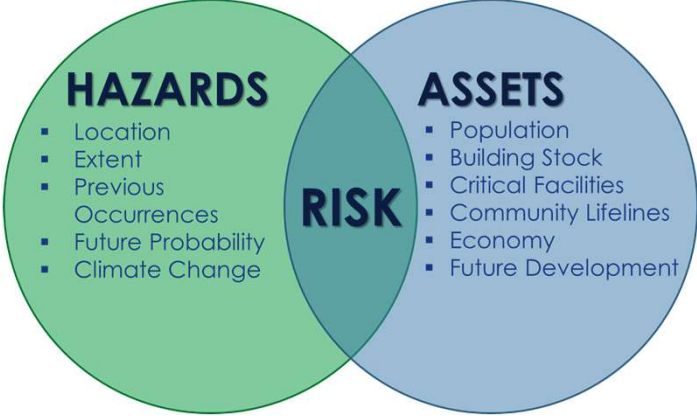
5



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Risk Assessment





HAZARDS


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

ASSETS

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

RISK


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




Broome County Hazard Mitigation Plan 2024 Update

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Hazards of Concern



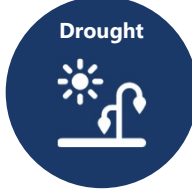
Dam/Levee Failure




Disease Outbreak



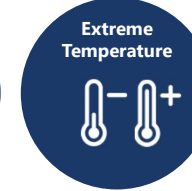
Drought



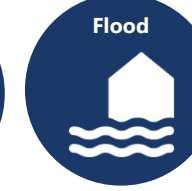
Earthquake




Extreme Temperature




Flood




Infestation & Invasive Species




Severe Weather




Severe Winter Weather



Wildfire





Broome County Hazard Mitigation Plan 2024 Update

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Hazards of Concern



- **Dam/Levee Failure (new to 2024)**
 - 100% voted to include in the 2024 HMP update
- **Disease Outbreak (new to 2024)**
 - 89% voted to include in the 2024 HMP update
 - 11% voted to not separate into its own hazard
- **Drought**
 - 11.1% voted increase in frequency/severity/location
- **Earthquake**
 - 55.6% voted no change
 - 11.1% voted to remove from update
- **Extreme Temperature**
 - 11.1% voted increase in frequency/severity/location
- **Flooding (inland, flash, urban/stormwater, ice jam)**
 - 11.1% voted increase in frequency/severity/location
- **Invasive Species**
 - 22.2% voted increase in frequency/severity/location
- **Severe Storms**
 - 22.2% voted increase in frequency/severity/location
- **Severe Winter Weather**
 - 11.1% voted increase in frequency/severity/location
- **Wildfire**
 - 55.6% voted no change

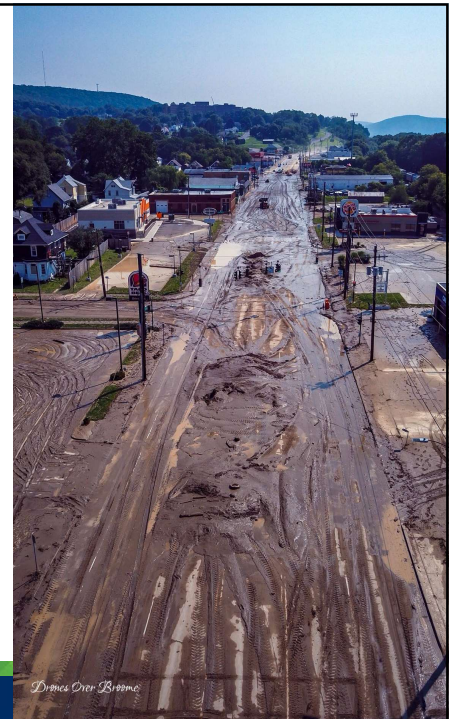
Broome County Hazard Mitigation Plan 2024 Update



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Hazards of Concern


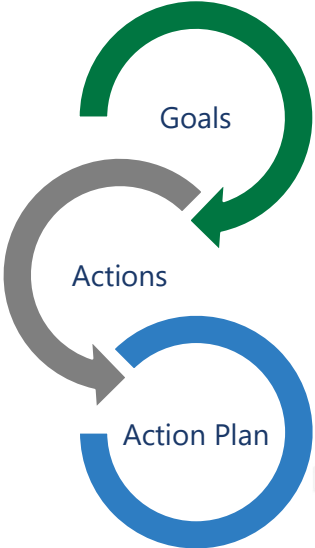
- Are there any new or additional natural hazards that should be considered for the plan update?
The following topics came from the survey:
 - Wildfire Smoke- will be addressed in the wildfire hazard profile
 - Little Snake Creek Flash Flooding- will be addressed in the flood hazard profile and in actions developed for relevant municipalities and the County
- Anything else?
 - Utility outages
 - Stormwater flooding




Broome County Hazard Mitigation Plan 2024 Update

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Mitigation Strategy


- Goals
 - What outcomes do you want to achieve?
- Actions
 - What specific actions will be taken to reduce risk from hazards?
- Action Plan
 - How will the actions be prioritized and implemented?



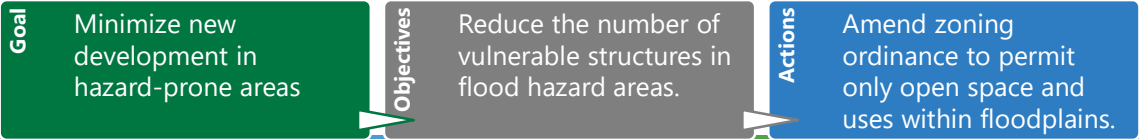
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Goals and Objectives – Review and Update




Goal Number	Goal	Modify, Keep, or Remove?
1	Protect Life, Property, and Economy	
2	Increase Public Awareness and Preparedness.	
3	Strengthen Partnerships	
4	Provide for Enhanced Emergency Services.	
5	Improve the resilience and strength of the built environment and communities to reduce impacts of natural hazard events.	
6 - NEW	Address Long-Term Vulnerabilities from High Hazard Dams	



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.




Broome County Hazard Mitigation Plan 2024 Update

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Goals and Objectives – Review and Update




Objectives	Modify, Keep, or Remove?
Objective 1-1: Work with all levels of government to implement publicly led mitigation projects to protect lives and property by making homes, businesses, infrastructure, and critical facilities more resistant to hazards.	
Objective 1-2: Educate and encourage private property owners to take preventive mitigation actions in areas that are especially vulnerable to hazards.	
Objective 1-3: Better characterize flood hazard events by conducting additional hazard studies, improved flood hazard mapping and creating flood and dam inundation models.	
Objective 1-4: Review existing local laws and ordinances, building codes, safety inspection procedures, and applicable rules to ensure that they employ best practices for the protection of buildings and environmental resources.	
Objective 1-5: Ensure that public and private facilities and infrastructure meet established building codes and rigorously enforce the codes to address any identified deficiencies.	
Objective 1-6: Encourage homeowners, renters, and businesses to purchase insurance coverage for damages caused by hazards.	
Objective 1-7: Fully integrate the recommendations of this plan into existing local and county laws, plans, ordinances, natural resource management activities and programs to encourage resilient and sustainable efforts throughout the county.	
Objective 1-8: Implement mitigation activities that encourage environmental stewardship and protection of the environment.	
Objective 1-9: Minimize new development within hazard prone areas.	
Objective 1-10: Incorporate hazard mitigation planning into post disaster recovery projects and operations.	
Objective 1-11: Mitigate impacts of natural hazards to businesses, communities and local economies.	
Objective 2-1: Develop and implement additional education and outreach programs to increase public awareness of the hazard risks and educate the public on specific, individual preparedness activities. Specifically target residents, businesses, realtors, insurance agents, and mortgage lenders.	
Objective 2-2: Inform government officials, school districts, and non-profits about tools, partnership opportunities, funding resources, and government initiatives to assist in implementing mitigation activities.	
Objective 2-3: Enhance the technological capabilities of the jurisdictions and agencies in the county to better profile and assess exposure of hazards.	
Objective 2-4: Provide comprehensive information online for local emergency service providers, municipalities, the media and the public during and immediately following disaster and hazard events including emergency traffic routes, restrictions and road closures, evacuations, shelter locations, and others	
Objective 2-5: Increase public awareness of existing warning systems	
Objective 2-6: Establish consistent message for "State of Emergency" declarations and educate the public on the meaning of those declarations.	


Broome County Hazard Mitigation Plan 2024 Update


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Goals and Objectives – Review and Update



Objectives	Modify, Keep, or Remove?
Objective 3-1: Strengthen inter-jurisdiction and inter-agency communication, coordination, and partnerships to inform agencies of local project priorities and to foster hazard mitigation strategies and/or projects designed to benefit multiple jurisdictions.	
Objective 3-2: Identify and implement ways to engage public agencies with individual citizens, non-profit organizations, business, and industry to implement mitigation activities more effectively.	
Objective 3-3: Encourage shared services in acquiring, maintaining, and providing emergency services and equipment, and planning and executing mitigation projects.	
Objective 3-4: Implement tools to enhance capability to collect, analyze and share data amongst partners.	
Objective 4-1: Where appropriate, coordinate and integrate hazard mitigation activities with existing local emergency operations plans.	
Objective 4-2: Identify the need for, and acquire, any special emergency services, training, and equipment to enhance response capabilities for specific hazards.	
Objective 4-3: Review and improve, if necessary, emergency traffic routes; communicate such routes to the public and communities.	
Objective 4-4: Ensure continuity of governmental operations, emergency services, and essential facilities at the county and local level during and immediately after disaster and hazard events.	
Objective 4-5: Improve communications to residents and businesses during and after disasters.	
Objective 4-6: Improve warnings prior to disasters.	
Objective 4-7: Encourage NIMS training for all appropriate personnel including elected officials.	
Objective 5-1: Improve or protect vital infrastructure and critical facilities to reduce the disruption of activities after a natural hazard event.	
Objective 5-2: Promote sustainable land development practices.	
Objective 5-3: Decrease the potential local economic loss and maintain local and government business continuity after a natural hazard event.	
Objective 5-4: Encourage the establishment of policies at the local level to ensure the prioritization and implementation of mitigation projects that benefit essential facilities, services, and infrastructure.	
Objective 5-6: Encourage the establishment of policies that reflect the best available information regarding current and future hazard risk.	
Objective 5-6: Identify technological solutions that may help to improve the resiliency and redundancy of our infrastructure and enhance our ability to inform the public during a disaster.	

Broome County Hazard Mitigation Plan 2024 Update


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Goals for the 2024 HMP



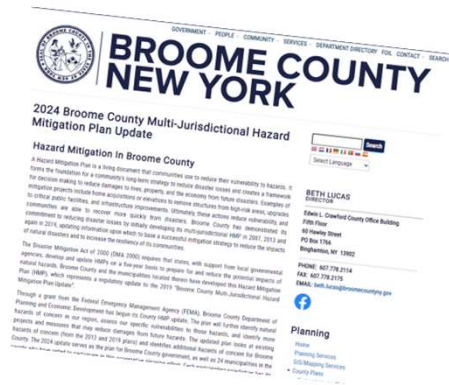
- To provide input on the goals and objectives, we will be using an online form.
- Scan the QR code or use the link in the chat to access.

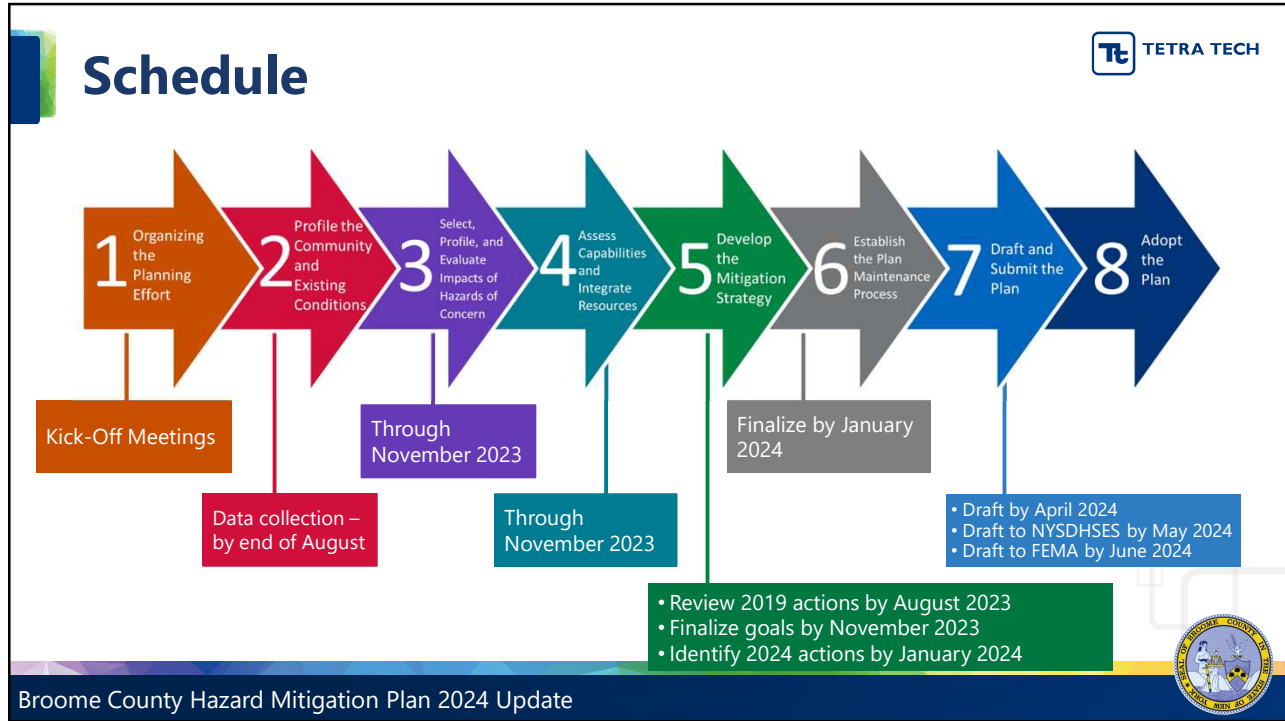


Public and Stakeholder Outreach

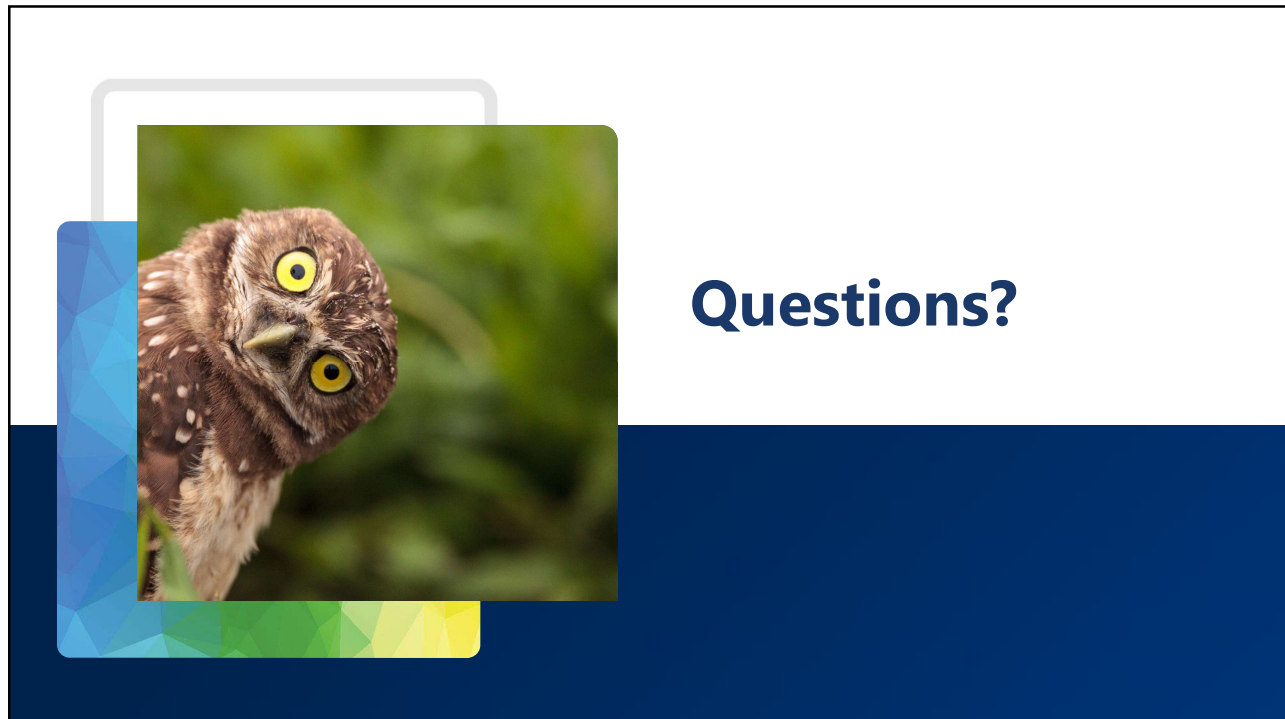


- Social Media Posts
- StoryMap
- Press Release
- HMP website – <https://www.gobroomecounty.com/planning/hazardmitigation/2024HazardMitigationPlanUpdate>
- All meetings open to the public and stakeholders
- Stakeholder Survey
- Public Survey
- Neighboring County Outreach





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Thank
You!