

Appendix E

Stakeholder and Public Outreach Documentation



Chautauqua County Office of Emergency Services

2 Academy Street, Suite A, Room 106
Mayville, NY 14757
Phone: (716) 753-4341 • Fax: (716) 753-4363

Paul M. Wendel, Jr.
County Executive

Noel M. Guttman
Director, Emergency Services

May 31, 2022

Dear Mayor or Supervisor;

We invite your municipality to join the Chautauqua County Office of Emergency Services (OES) in kicking off the update to the Chautauqua County Hazard Mitigation Plan (HMP). Local jurisdictions are required to update the HMP every five years to remain eligible for the Federal Emergency Management Agency's (FEMA) pre-disaster and post-disaster mitigation grant programs. Chautauqua County OES received a grant from FEMA to complete this update and is requesting your participation in the planning process.

The Kick-off Meeting for Elected Officials is scheduled for:

Tuesday, June 14, 1:00-2:00pm
Chautauqua County Office of Emergency Services
2 Academy Street, Suite A
Mayville, New York 14757

A Zoom link will be made available if you are unable to participate in-person. We will also be attending the regularly scheduled meeting of the Chautauqua County Town & Village Highway Superintendents Association on Wednesday, June 15 at 11:00 am at the Falconer to promote engagement and encourage participation.

Chautauqua County OES has retained Barton & Loguidice to assist in the HMP update. Please RSVP to Jenny Loewenstein if you are able to join us on Tuesday, June 14: jloewenstein@bartonandloguidice.com or (585) 325-7190 x2227.

By participating and adopting the final HMP, your municipality may be eligible for mitigation funding that can reduce disaster losses and protect life and property from future disaster damages, such as:

- Engineering design and feasibility studies
- Evaluating facilities or areas to determine appropriate mitigation actions
- Conducting hydrologic and hydraulic studies

This is an exciting time to participate in mitigation planning, as efforts will integrate climate considerations and opportunities with the Climate Smart Communities Certification program. We look forward to working with your municipality on this important plan update process.

Sincerely,


Noel M. Guttman, Director
Chautauqua County Office of Emergency Services

Chautauqua County is updating its Hazard Mitigation Plan!



How can you Participate?

Contact your local municipality or Barton & Loguidice at astone@bartonandloguidice.com.

- Learn about the Plan
- Share ideas that can help reduce the risk of hazards

Contact the Office of Emergency Services for information about future public meetings



What is a Hazard Mitigation Plan?

A hazard mitigation plan identifies and evaluates risks and vulnerabilities associated with natural hazards and disasters. This process aims to reduce the loss of life and property by minimizing the impact of natural hazard events. Hazard mitigation planning leads to the development of short-term and long-term strategies to reduce and manage risk. Mitigation strategies identified in an updated hazard mitigation plan may be eligible for grant funding for implementation.

Benefits of Hazard Mitigation



Protects public safety & prevents loss of life and injury



Minimizes operational downtime & accelerates recovery



Prevents damage to your community's unique assets



Reduces the cost of disaster response & the risk of exposure



Reduces harm to existing & future development



Maintains community & strengthens social connections



Chautauqua County Hazard Mitigation Plan Update

Agenda

- Planning Committee Introduction
- What is Hazard Mitigation Planning?
- Hazard Mitigation Plan Update
- Past Hazard Profiles
- B&L Approach / Local Climate Impacts
- Jurisdiction Participation
- Why Participate?
- Jurisdiction Participation Milestones
- Project Schedule
- Next Steps



Planning Committee

Chautauqua County Office of Emergency Services

- Chris Wichlacz
- Noel Guttman
- Daniel Imfeld

Barton & Loguidice

- Jayme Breschard
- Jenny Loewenstein
- Dave Hanny

NYS DHSES Contact

Shannon Clarke



Hazard Mitigation Planning

- Hazard mitigation planning reduces loss of life and property by minimizing the impact of disasters and reduces or eliminate long-term risk
- The Disaster Mitigation Act of 2000 requires state, local, tribal and territorial governments have a FEMA-approved mitigation plan in order to be eligible for mitigation project funding:
 - The Plan needs to be updated every 5 years
 - Follow the 2017 NYS Hazard Mitigation Planning Standards
 - FEMA 2022 Policy Guidance



Hazard Mitigation Plan Update

Chautauqua County received a grant from FEMA to update the 2016 Multi-Jurisdictional Hazard Mitigation Plan

Plan Components:

- County Profile
- Planning Process
- Risk Assessment
- Hazard Profiles
- Hazard Vulnerability Assessment
- Mitigation Goals and Strategies
- Plan Implementation, Monitoring, and Maintenance
- Jurisdictional Annex for each municipality

Summary of Updates

- Right-size the scope of a plan update.
- Include representatives from a broad range of sectors. Include community lifelines and non-profits that support underserved communities.
- Consider the effects of climate change and other future conditions.
- Address existing mitigation plan requirements of the HHPD grant program to include all dam risks.
- Describe building codes and land use and development ordinances.
- Complete the planning process with plan adoption.

Past Hazard Profiles

In 2016, the County prioritized the following hazards:

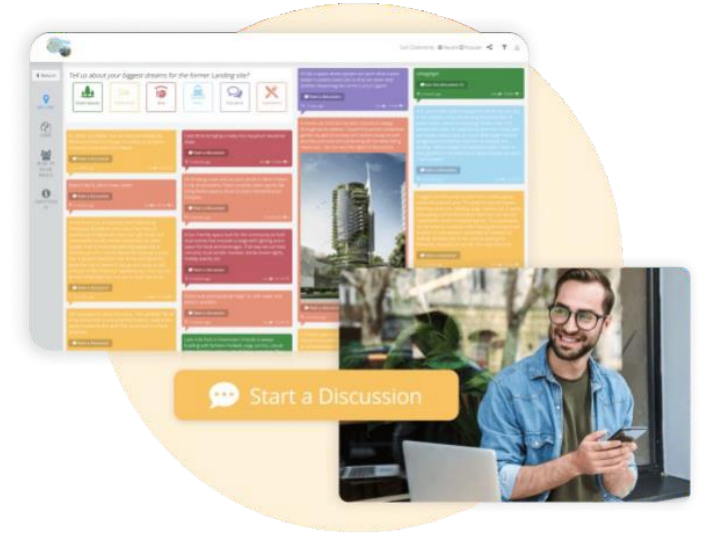
1. Hazardous materials (in transit)
2. Floods
3. Hazardous materials (fixed site)
4. Water supply contamination
5. Tornado
6. Severe storms (including ice storm, and severe winter storm)



Flooding at the Chautauqua Mall in Lakewood. Photo by the Lakewood-Busti Police Department.

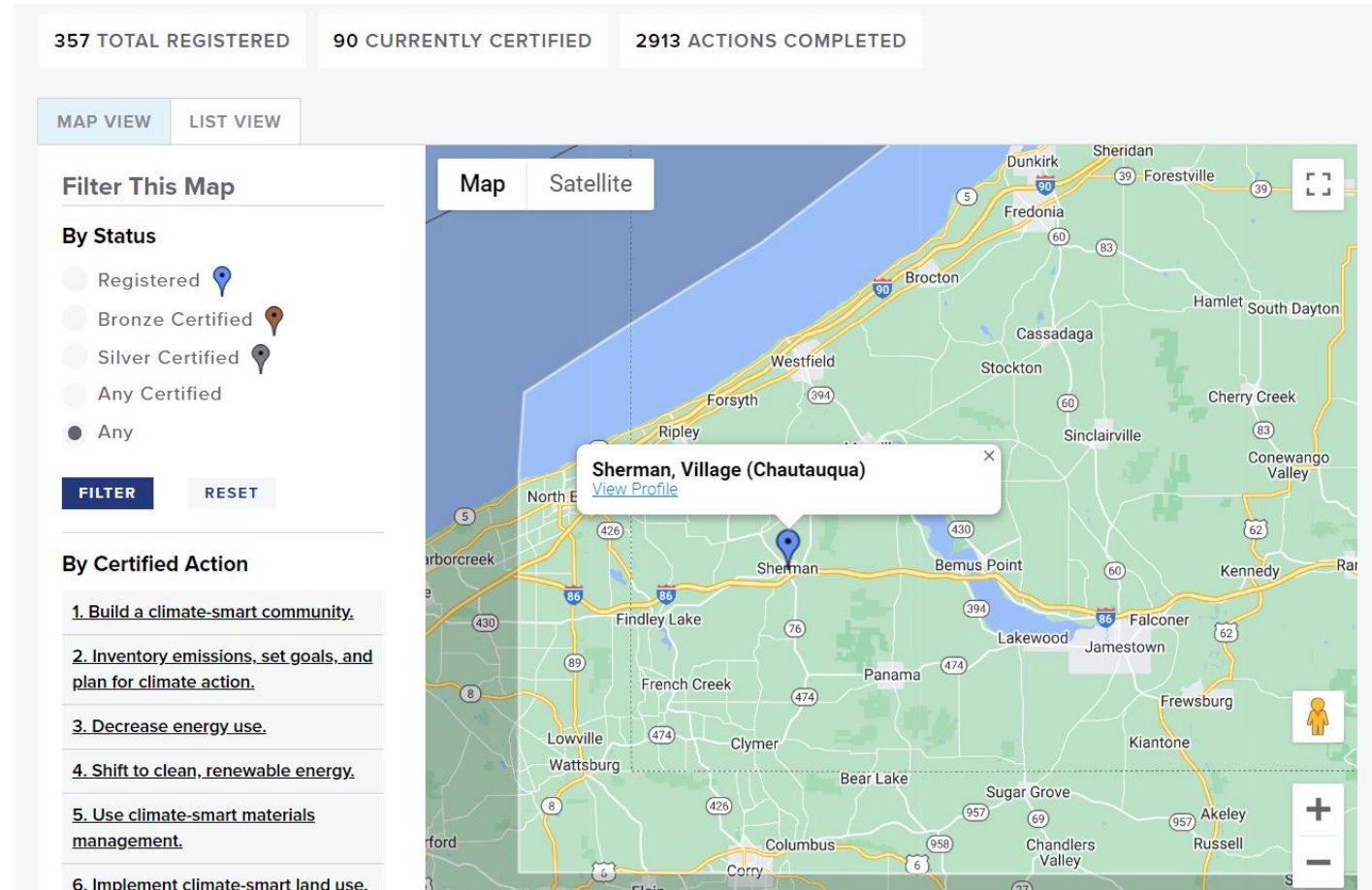
B&L Approach

- B&L will use a hybrid approach to community involvement and will provide a variety of engagement opportunities
- B&L will consider the needs and vulnerability of all Chautauqua County residents to provide mitigation strategies that are realistic and equitable in approach
- Mitigation Strategies can represent the following categories:
 - Local Plans and Regulations
 - Structure and Infrastructure Projects
 - Natural Systems Protection
 - Education and Awareness Programs



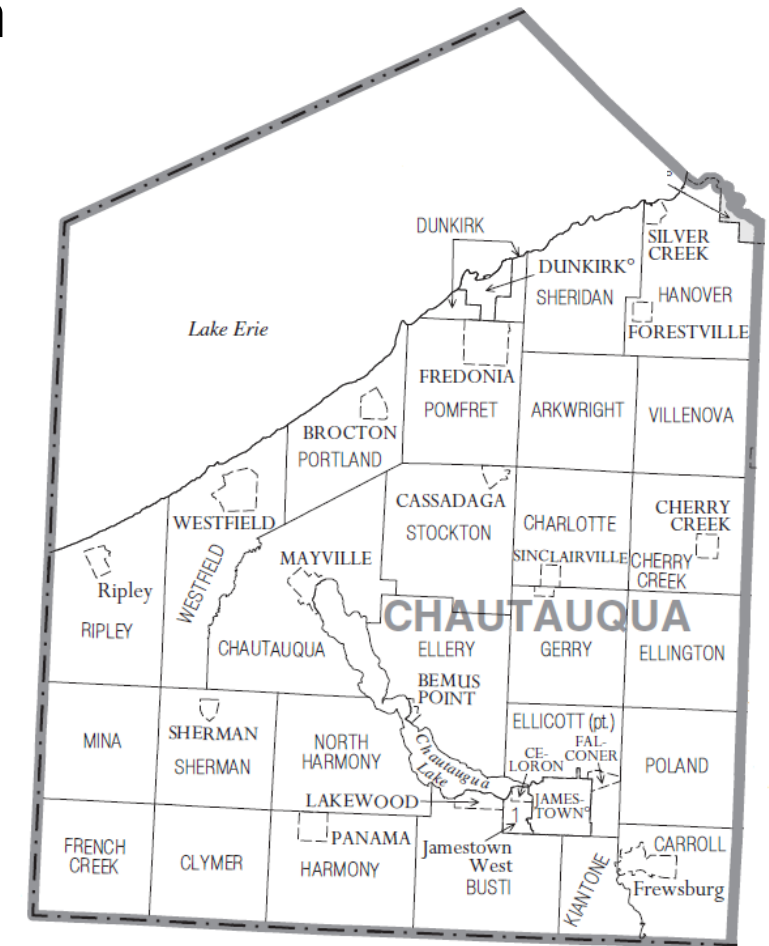
Local Climate Impacts

- Maintain the natural and beneficial functions of floodplains
- Invest in more resilient infrastructure
- Engage in mitigation planning to develop mitigation strategies that foster community resilience and smart growth
- Opportunities for Climate Smart Communities Certification Program



Jurisdiction Participation

- B&L will hold individual meetings with each jurisdiction
 - One primary meeting and follow-up, as needed
 - Virtual, in-person, or hybrid
 - Local planning team – consider including:
 - Local elected officials
 - Town/Village board members
 - Town/Village clerks
 - Planning board members
 - Highway/DPW superintendent
 - Water/sewer department staff
 - Floodplain administrator
 - Code enforcement
 - Local fire and police department officials
 - Health Department/Social Services



FEMA Assistance Programs

- Hazard Mitigation Grant Program (HMGP)
- Post Fire/Fire Management Assistance Grant
- Pre-Disaster Mitigation Grant (PDM)
- Building Resilient Infrastructure and Communities Program (BRIC)
- Flood Mitigation Assistance Grant (FMA)
- High Hazard Potential Dam Grant (HHPD)

Why Participate?

- Hazard mitigation planning reduces loss of life and property by minimizing the impact of disasters
- Mitigation plans are key to breaking the cycle of disaster damage and reconstruction
- By participating in and adopting the HMP, your community may be eligible for funding to reduce disaster losses and protect from future disaster damages:
 - Retrofit structures, utilities, and other infrastructure
 - Floodproofing and generators
 - Flood protection, diversion and floodplain restoration
 - Safe Room construction
 - Slope stabilization projects
 - Engineering design and feasibility studies

For every \$1 spend on mitigation, an average of \$6 is saved!!

Jurisdiction Participation Milestones

- ☒ Attend kick-off meeting
- ☐ Identify primary project contact(s)
 - ☐ Designate clerk/record-keeper that can assist with tracking volunteer hours
- ☐ Attend one meeting to update information and develop new mitigation actions
- ☐ Review and update your jurisdiction's annex
- ☐ Pass board resolution to adopt FEMA – Approvable Pending Adoption (December 2023)

Project Schedule



Monthly Meetings with Planning Committee as Necessary

Next Steps

- Sign-in to meeting attendance today
[Time Tracking Survey for Chautauqua County Hazard Mitigation Plan Update \(surveymonkey.com\)](#)
- Designate clerk/record-keeper that can assist with tracking volunteer hours
- Brainstorm local project team to participate in municipal meeting

Planning Committee will present tomorrow (June 15)
at the Town & Village Highway Superintendents Association
meeting in Falconer

Contact Us



Chris Wichlacz
Planning Technician
Chautauqua County Office of Emergency Services
(716) 753-4032
wichlacz@chautcofire.org

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Senior Managing Community Planner
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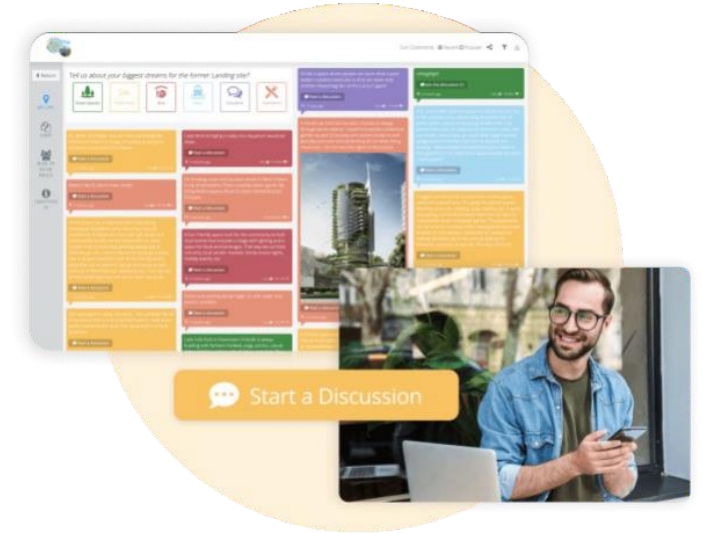
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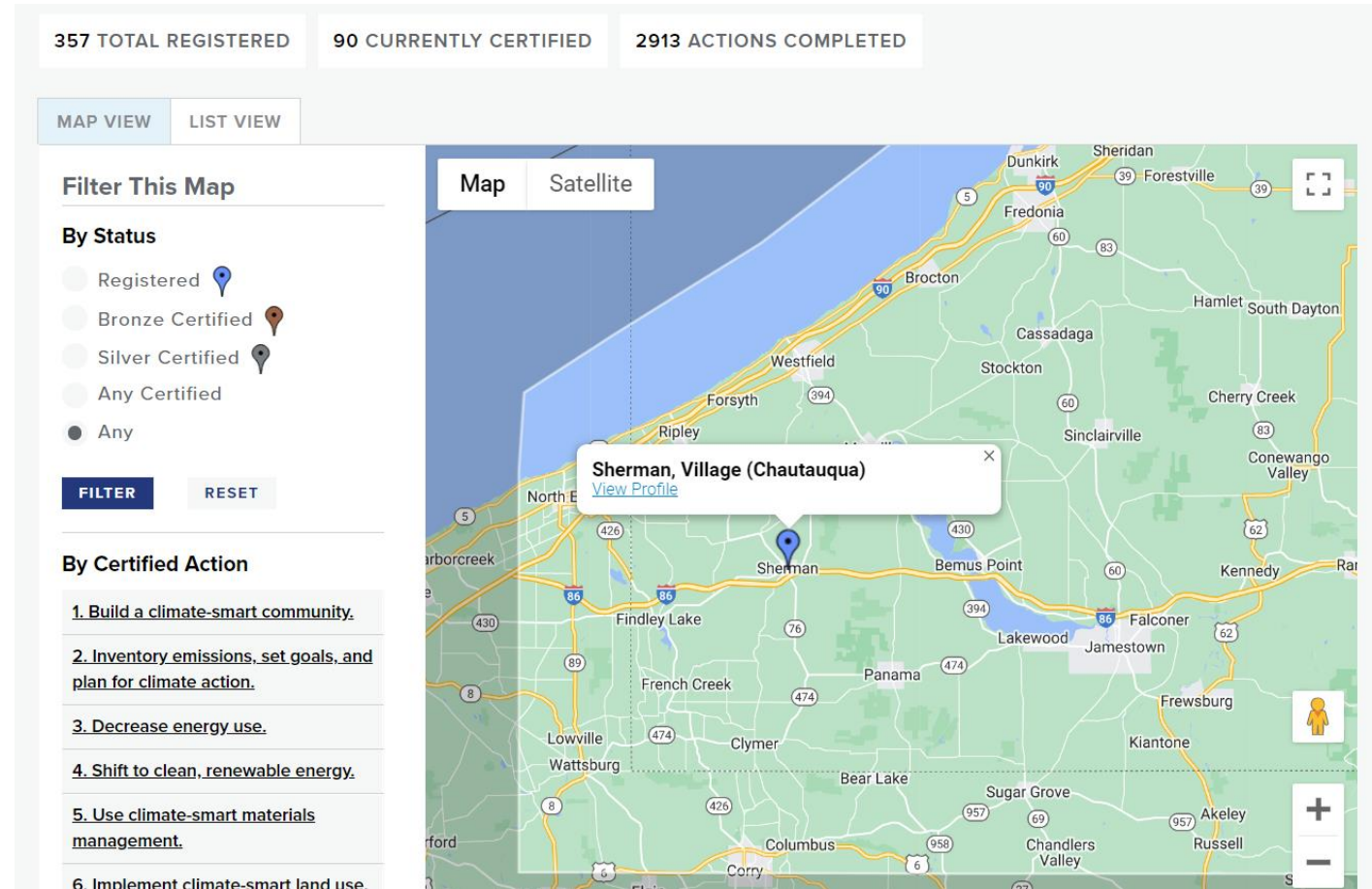
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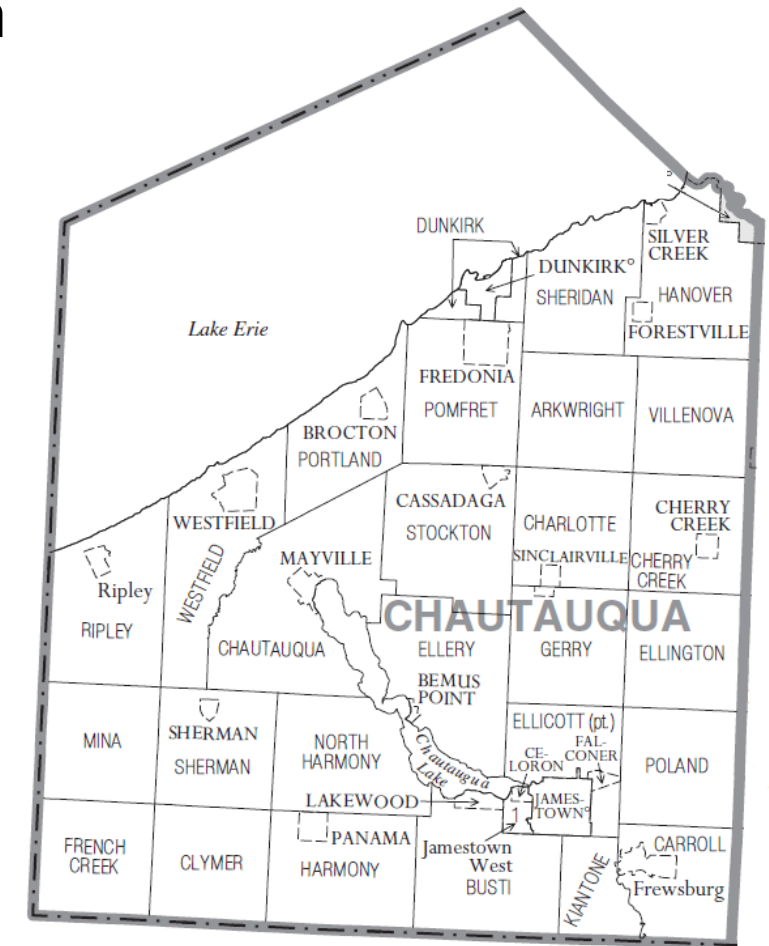
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Planning Committee presented to Elected Officials on June 14

Contact Us



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PAUL M. WENDEL, JR.
County Executive

**CHAUTAUQUA COUNTY
OFFICE OF THE COUNTY EXECUTIVE**

Gerace Office Building – 3 N. Erie St. – Mayville, NY 14757-1007
(716) 753-4211 – FAX (716) 753-4756 – wendelp@chqgov.com
<https://chqgov.com/>

August 15, 2022

Dear Local Leader,

As you may recall from the Elected Officials Kick-off Meeting back in June, the Chautauqua County Hazard Mitigation Plan (HMP) is currently being updated. Chautauqua County Office of Emergency Services (OES) is leading this effort and has retained Barton & Loguidice to assist in the HMP update. Local jurisdictions are required to update the HMP every five years to remain eligible for the Federal Emergency Management Agency's (FEMA) pre-disaster and post-disaster mitigation grant programs.

While two public meetings are being planned to provide an opportunity for participation in the planning process, please consider posting the following information on your municipality's website or printing copies for your municipal hall. OES encourages local stakeholders to provide feedback about hazards of concerns and strategies to reduce risk.

Thank you for your attention to this important topic.

Sincerely,

A handwritten signature in blue ink, which appears to read "Paul M. Wendel, Jr.", is written over a light blue circular stamp. The signature is fluid and cursive.

Paul M. Wendel, Jr.
Chautauqua County Executive

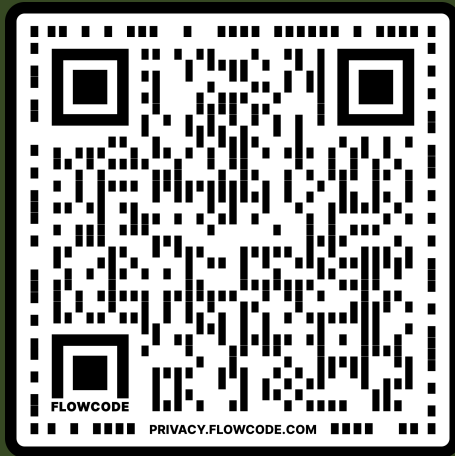


Chautauqua County

is updating its

Hazard Mitigation Plan

... and we need your participation!



VIRTUAL PUBLIC INFORMATIONAL MEETING

October 17, 2022 | 6:00 pm

Join via Zoom!

<https://bartonandloguidice.zoom.us/j/81185357865>

What is a Hazard Mitigation Plan?

A hazard mitigation plan identifies and evaluates risks and vulnerabilities associated with natural hazards and disasters. This process aims to reduce the loss of life and property by minimizing the impact of natural hazard events. Hazard mitigation planning leads to the development of short-term and long-term strategies to reduce and manage risk. Mitigation strategies identified in an updated hazard mitigation plan may be eligible for grant funding for implementation.



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[State of the County Addresses](#)

[Tentative Budget Presentations](#)

[Ethics Board](#)

Virtual Public Informational Meeting for the Chautauqua County Hazard Mitigation Plan Update

Submitted by gallagher on Fri, 10/07/2022 - 14:57

MAYVILLE, N.Y.---Chautauqua County received a Pre-Disaster Hazard Mitigation Grant from the Federal Emergency Management Agency (FEMA) to complete an update to the County's 2016 Multi-Jurisdictional Hazard Mitigation Plan (HMP). The purpose of hazard mitigation planning is to reduce damage to the environment and prevent the loss of life and number and severity of injuries that may result from natural hazard events. The HMP is developed to identify and implement short- and long-term mitigation strategies and actions that focus on execution at a pre-disaster level. Retaining an approved and updated HMP will enable the County and participating municipalities to remain eligible to apply for future hazard mitigation and resiliency funding from FEMA. The updated HMP provides the County and its jurisdictions with an additional tool to reference for disaster planning, land development, and funding initiatives.

A virtual Public Informational Meeting will be held on **October 17, 2022 at 6 p.m.** The purpose of the meeting is to solicit comments and questions regarding hazard mitigation planning concerns from County residents and stakeholders from local, state, and federal agencies. Please join the meeting via this link:
<https://bartonandloguidice.zoom.us/j/81185357865>

The meeting will also be livestreamed to YouTube: <https://youtu.be/LvYKV9P14V8>

For questions or assistance needs, please contact Noel Guttman at Guttman@chautocofire.org or 716-753-4341.

###

Contact Directory



Paul M. Wendel, Jr.
Chautauqua County Executive

[Send Email](#)

Contact Info

County Executive's Office

Physical Address

Gerace Office Building
3 N. Erie St.
Mayville, NY 14757

Mailing Address

Gerace Office Building
3 N. Erie St.
Mayville, NY 14757

Phone: 716-753-4211

North County Toll Free: 716-363-



Chautauqua County Hazard Mitigation Plan Update

STAKEHOLDER AND PUBLIC INFORMATION MEETING

Monday, October 17, 2022: 6 – 7pm

Agenda

1. What is Hazard Mitigation Planning?
2. Hazard Mitigation Plan Update
3. Example Mitigation Actions
4. Next Steps



What is Hazard Mitigation Planning?

Hazard Mitigation Planning

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Hazard Mitigation Plan Update

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Summary of Updates

- Right-size the scope of a plan update
- Include representatives from a broad range of sectors
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- Describe building codes and land use and development ordinances
- Complete the planning process with plan adoption

Planning Process



Office of Emergency
Services

Planning
Committee
NYS DHSES

- Soil & Water Conservation District
- Planning and Community Development
- Public Facilities
- Department of Health
- Office for the Aging
- Water & Sewer Districts

Barton &
Loguidice

Local Jurisdictions

Why Participate?

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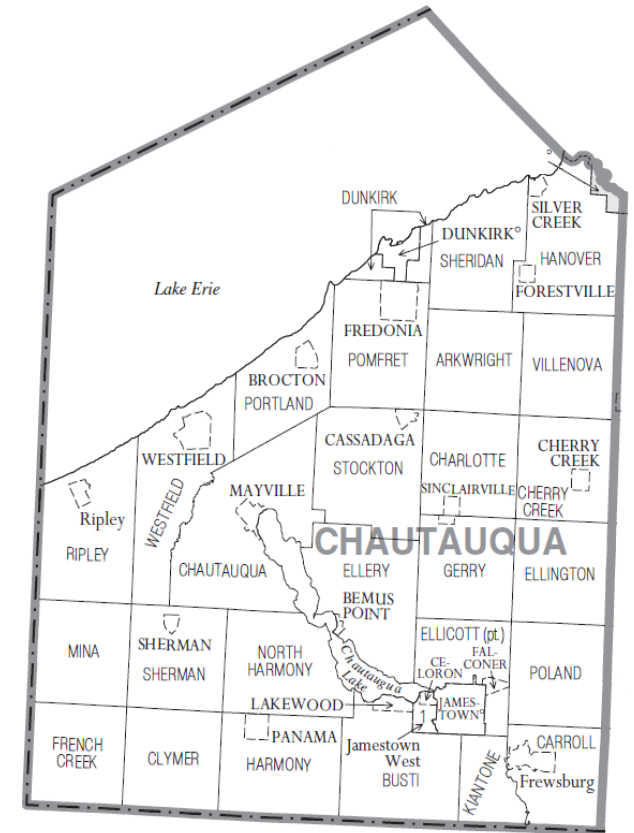
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- Flood Mitigation Assistance Grant (FMA)
- High Hazard Potential Dam Grant (HHPD)

Hazard Mitigation Plan Update

Plan Progress

- Monthly Meetings with County OES
- Elected Officials Kick-off Meeting held in June 2022
- Individual municipal meetings and data collection ongoing
 - 42 meetings completed to date (100% participation)
 - Chief Elected Officials and Highway/DPW superintendents
- Jurisdiction Annexes in progress



Hazard Analysis

Chautauqua County's 2022 hazard ranking:

1. Severe Winter Storm
2. Severe Thunderstorm/ Windstorm
3. Flood
4. Ice Storm
5. Tornado
6. Extreme Temperatures
7. Drought
8. Ice Jam
9. Landslide
10. Wildfire



Barn destroyed in the Town of Portland



Flooding in the Village of Bemus Point

Vulnerability Assessment

Existing Assets and Resources

- Critical infrastructure
- Emergency shelters
- Evacuation routes
- Communication systems

Vulnerability

- Hazard-prone locations (i.e., floodplains)
- Condition of critical infrastructure
- Areas of concentrated populations
- Isolated populations



Flood damage in Chautauqua County



Tornado Damage to Buildings in Chautauqua County

Mitigation Actions

Identify potential mitigation actions (one per hazard)

- Hazard Prevention
- Property Protection
- Structural Projects
- Natural Resource Protection
- Emergency Services
- Public Education and Awareness

Prepare an implementation plan for each action

- Estimate costs, potential funding sources, involved agencies, and implementation timeframes
- Useful for future funding applications

Example Mitigation Actions

Example Mitigation Actions

Flood Control Measures

- Clear gravel out of creeks to reduce flooding
- Repair/replace bridges that have damage from flooding and have reached their life expectancy
- Improve drainage infrastructure
- Install flood walls or small berms



Example Mitigation Actions



Hazardous Event Preparedness

- Educate community members about the dangers of severe winter storms, severe thunderstorms and extreme temperatures
- Identify steps the public can take to prepare for the events and protect themselves



Example Mitigation Actions

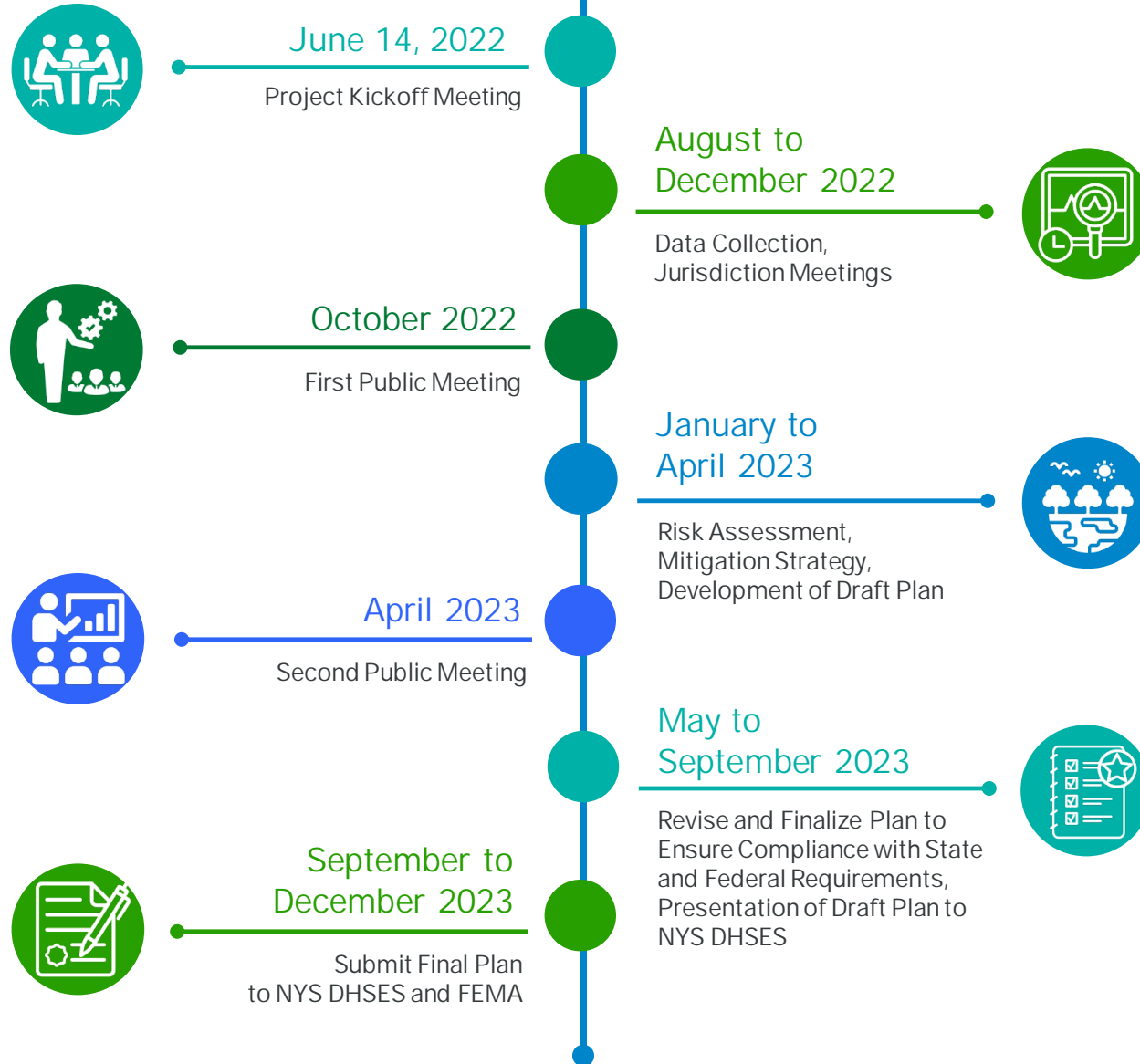
Assist Vulnerable Populations

- Establish accessible heating & cooling centers in the community
- Purchase backup generators for nursing homes/critical facilities



Next Steps

Project Schedule



Monthly Meetings with
Planning Committee as
Necessary

Municipal Milestones

- ☒ Attend kick-off meeting
- ☒ Identify primary project contact(s)
 - ☒ Designate clerk/record-keeper that can assist with tracking volunteer hours
- ☒ Attend one meeting to update information and develop new mitigation actions
- ☒ Review and update your jurisdiction's annex
- ☐ Pass board resolution to adopt FEMA – Approvable Pending Adoption (December 2023)

Next Steps

1. Continue to meet with municipalities as needed and finish annexes
2. Develop Draft Plan
3. Schedule second stakeholder and public information meeting (April 2023)
4. Submit any comments to OES, or contact B&L
5. Contact your local jurisdiction to encourage local adoption of the HMP Update

Contact Us



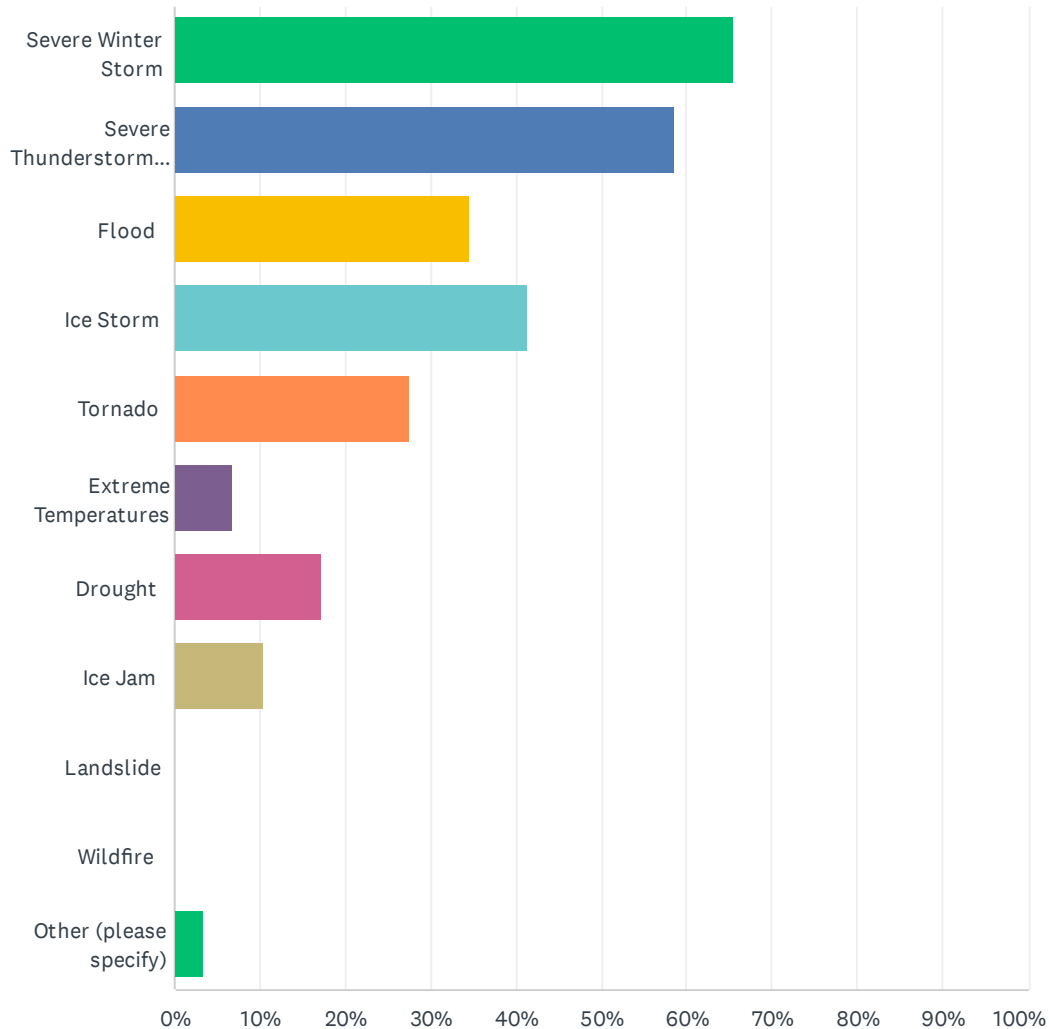
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Andrew Stone
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Q1 Which of the following hazards impacting Chautauqua County are you most concerned about? (Select all that apply)

Answered: 29 Skipped: 0



Chautauqua County Hazard Mitigation Plan Update Public Input Survey

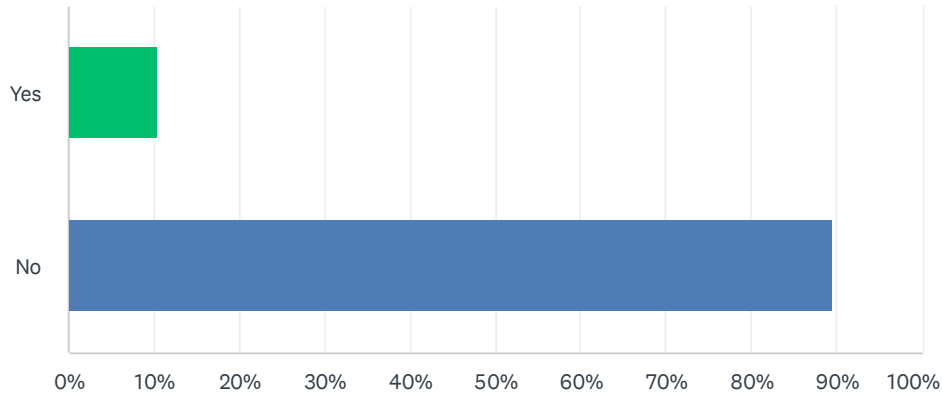
ANSWER CHOICES	RESPONSES	
Severe Winter Storm	65.52%	19
Severe Thunderstorm/ Windstorm	58.62%	17
Flood	34.48%	10
Ice Storm	41.38%	12
Tornado	27.59%	8
Extreme Temperatures	6.90%	2
Drought	17.24%	5
Ice Jam	10.34%	3
Landslide	0.00%	0
Wildfire	0.00%	0
Other (please specify)	3.45%	1
Total Respondents: 29		

"Other" answer:

- NYS Forcing us to electrify everything. Not having natural gas is a scary thought.

Q2 In the last 5 years, were you evacuated from your home as a result of a disaster (e.g. flooding)?

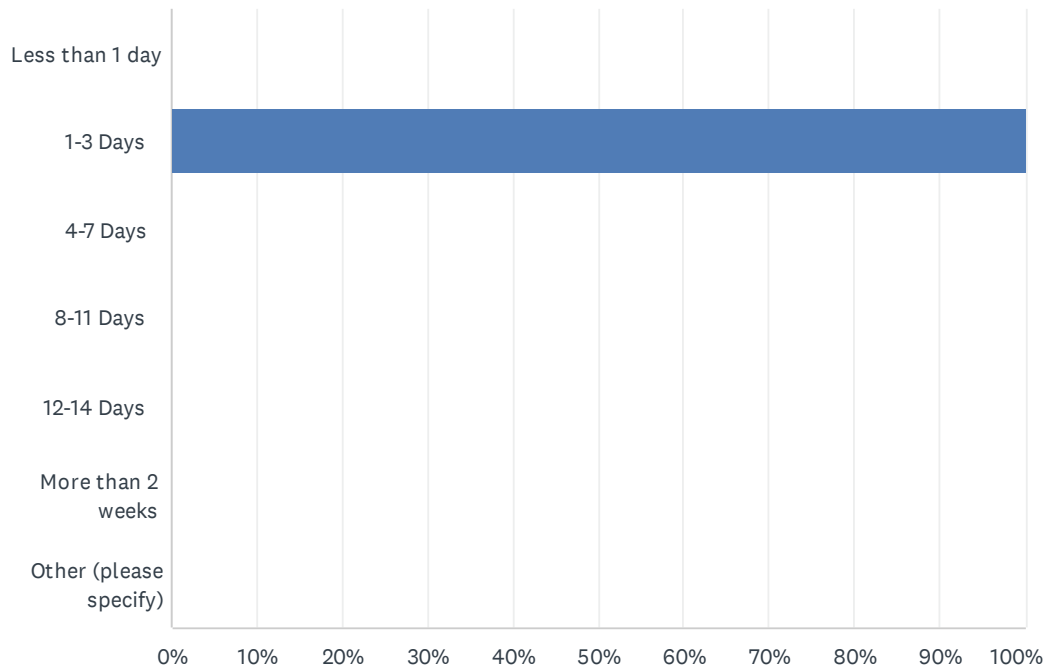
Answered: 29 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	10.34%	3
No	89.66%	26
TOTAL		29

Q3 If you answered yes to Question #2, how long were you displaced?

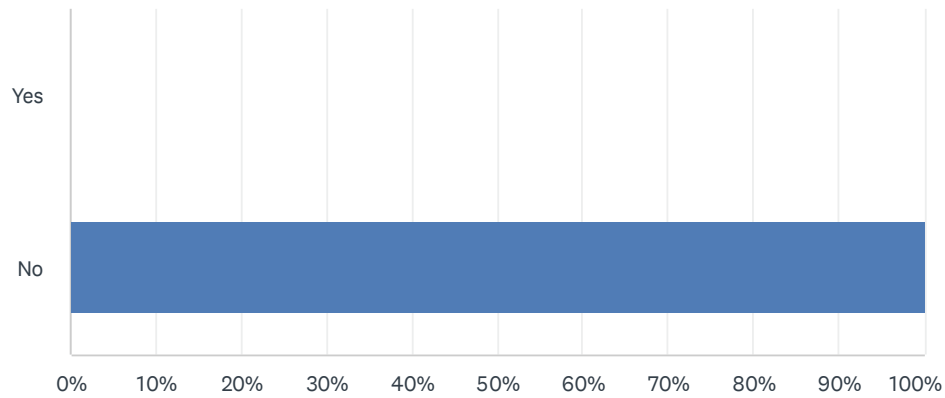
Answered: 3 Skipped: 26



ANSWER CHOICES	RESPONSES	
Less than 1 day	0.00%	0
1-3 Days	100.00%	3
4-7 Days	0.00%	0
8-11 Days	0.00%	0
12-14 Days	0.00%	0
More than 2 weeks	0.00%	0
Other (please specify)	0.00%	0
TOTAL		3

Q4 If you answered yes to Question #2, did you go to a shelter?

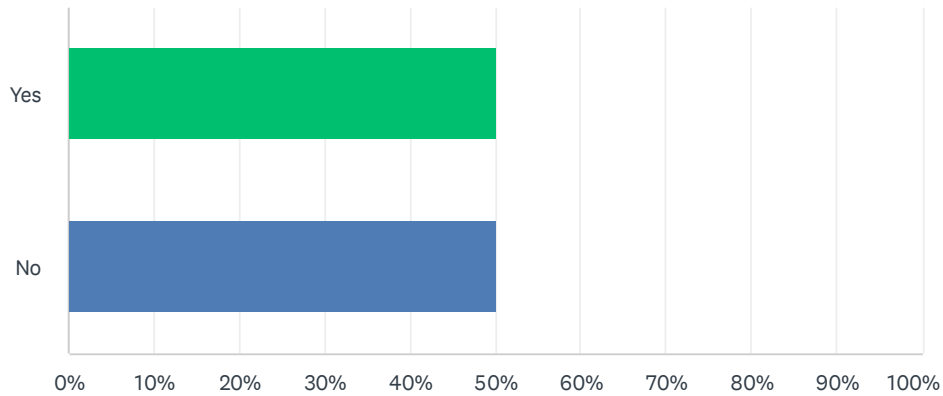
Answered: 4 Skipped: 25



ANSWER CHOICES	RESPONSES	
Yes	0.00%	0
No	100.00%	4
TOTAL		4

Q5 Do you think that local public education and awareness programs are effective at informing the public on what they should do to be prepared for and reduce their personal risk to natural disasters?

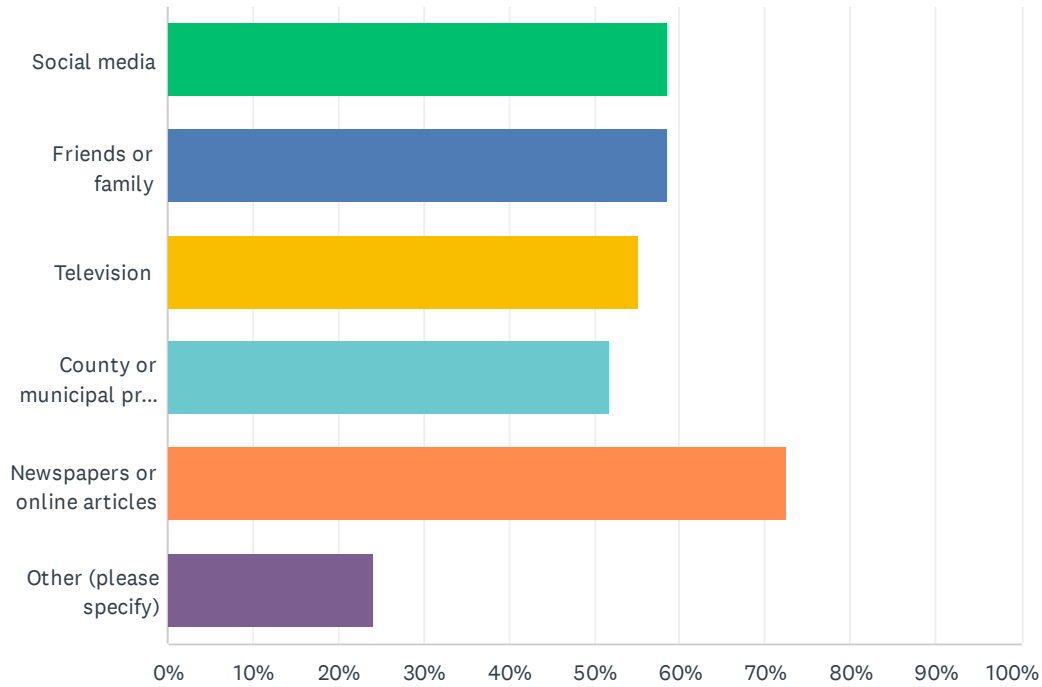
Answered: 28 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	50.00%	14
No	50.00%	14
TOTAL		28

Q6 How do you receive your information concerning a disaster? (Select all that apply)

Answered: 29 Skipped: 0



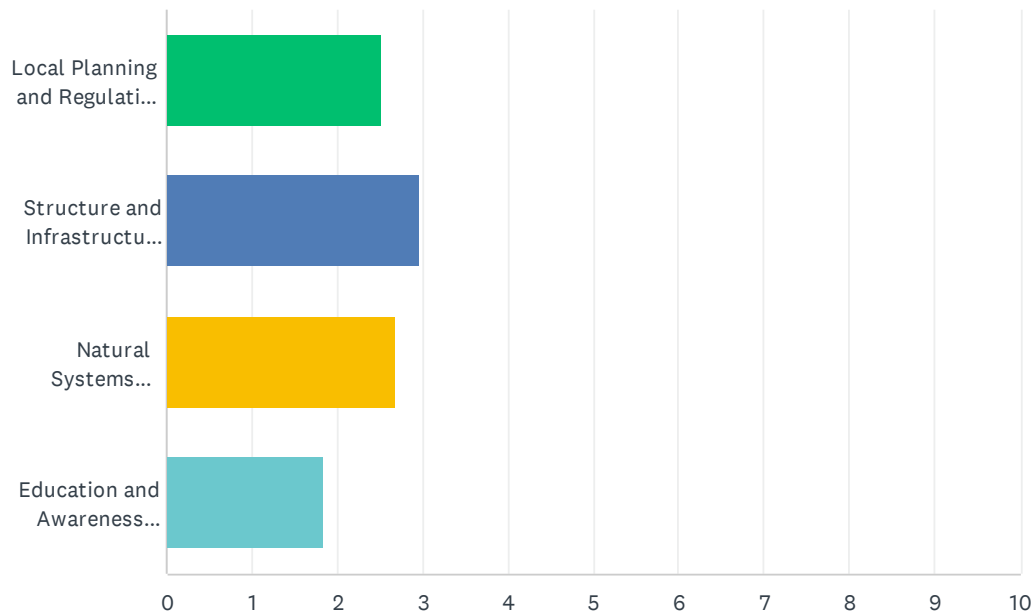
ANSWER CHOICES	RESPONSES	
Social media	58.62%	17
Friends or family	58.62%	17
Television	55.17%	16
County or municipal press releases / emails	51.72%	15
Newspapers or online articles	72.41%	21
Other (please specify)	24.14%	7
Total Respondents: 29		

"Other" answers:

- Emergency Text Messages
- radio
- radio
- Radio
- weather apps
- Radio
- radio

Q7 What types of projects do you think can best reduce the public's risk to natural hazards? Please rank the following options; 1 = best option for reducing risk; 4 = worst option for reducing risk. (e.g. flooding)

Answered: 29 Skipped: 0



	1	2	3	4	TOTAL	SCORE
Local Planning and Regulations (e.g. Prepare and adopt a stormwater drainage plan and ordinance.)	20.69% 6	34.48% 10	20.69% 6	24.14% 7	29	2.52
Structure and Infrastructure (e.g. Installing/upgrading stormwater pumping stations.)	37.93% 11	31.03% 9	20.69% 6	10.34% 3	29	2.97
Natural Systems Protection (e.g. Protect and enhance land-forms that serve as natural mitigation features such as riverbanks, wetlands, dunes.)	27.59% 8	31.03% 9	24.14% 7	17.24% 5	29	2.69
Education and Awareness Programs (e.g. Annually distribute flood protection safety pamphlets/brochures to owners of flood-prone property)	13.79% 4	3.45% 1	34.48% 10	48.28% 14	29	1.83

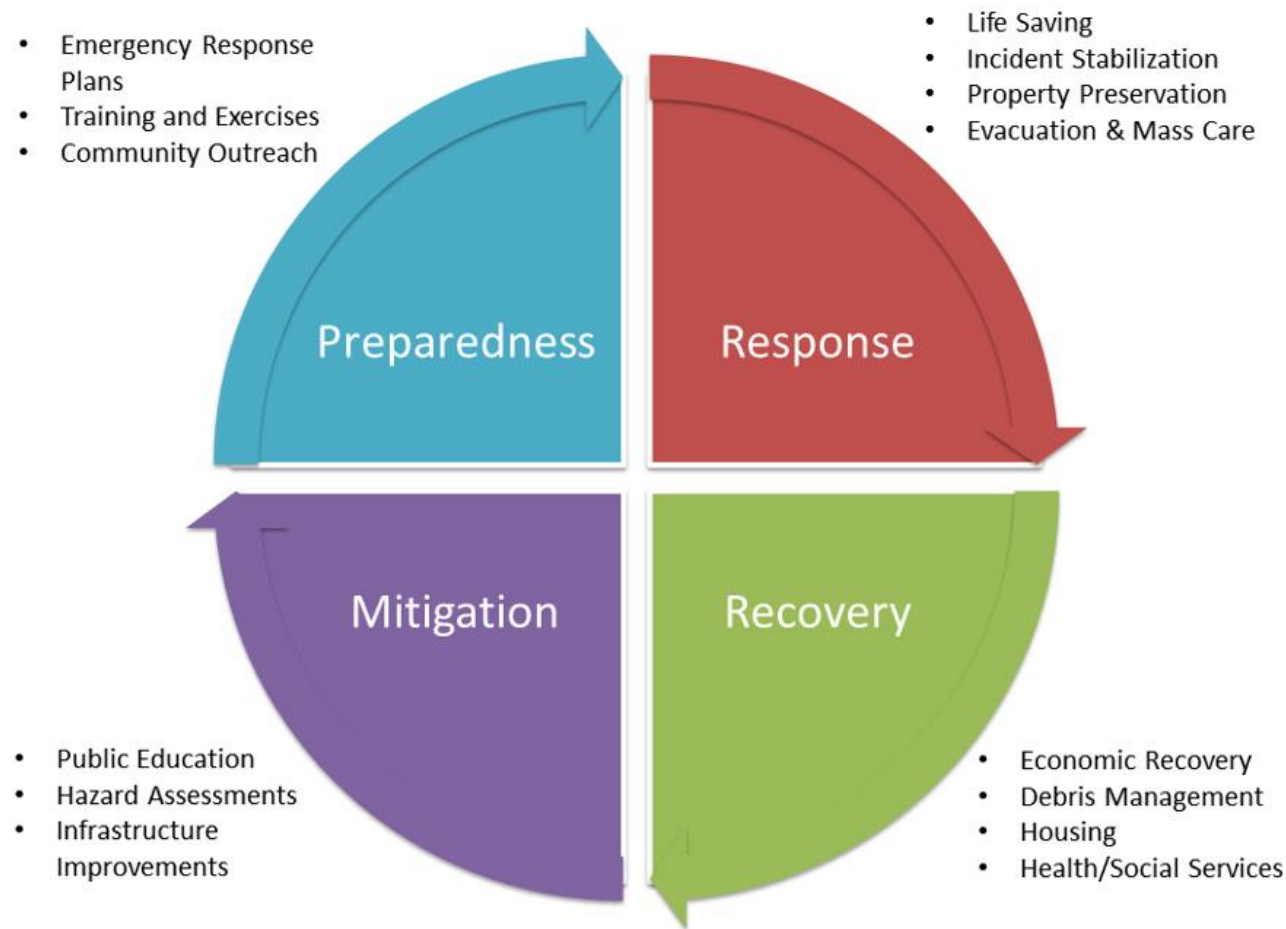


Chautauqua County Hazard Mitigation Plan Update

Introductions

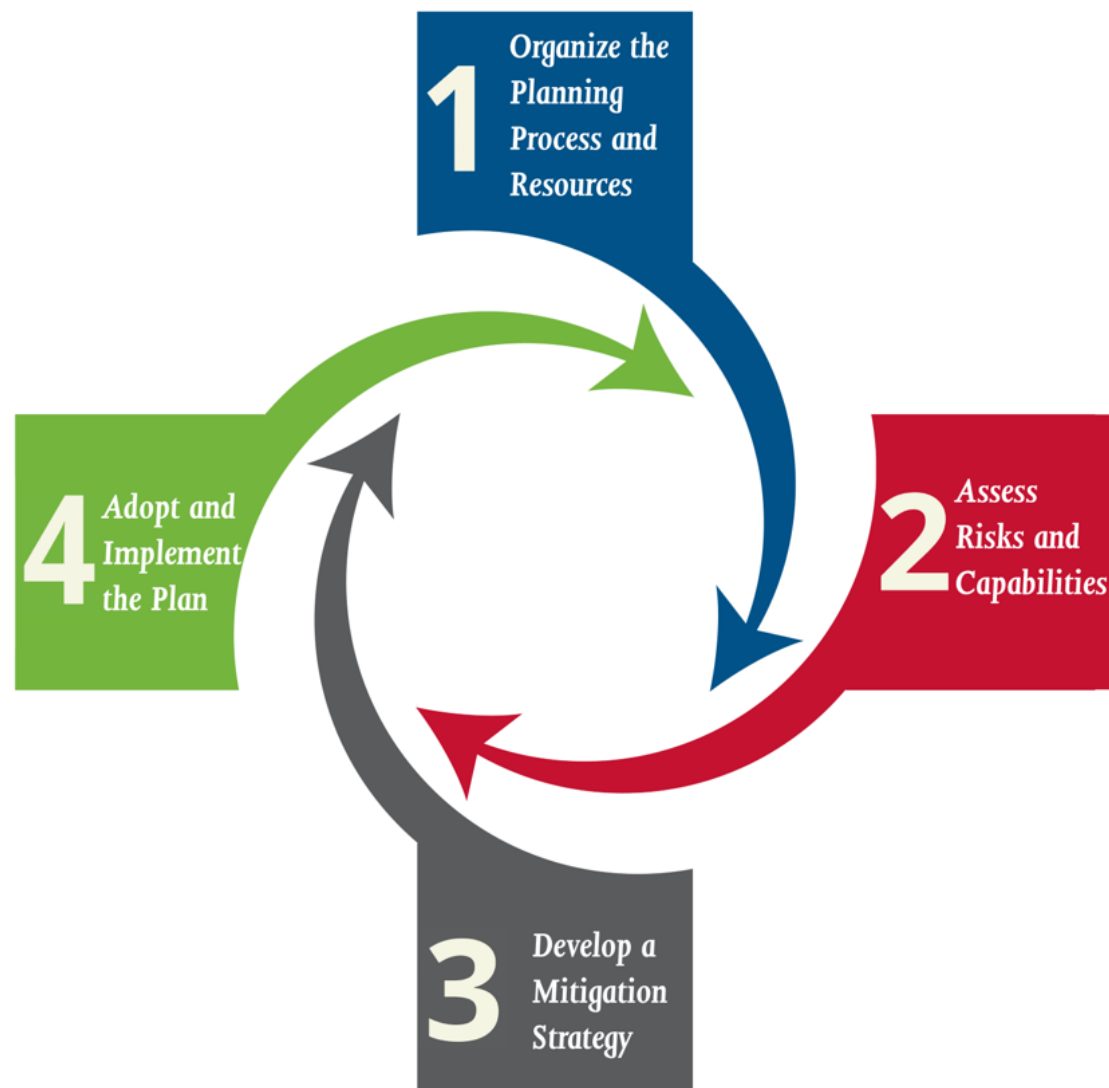
What is Hazard Mitigation?

- Hazard mitigation is one of the four phases of emergency management.
- It is known as a method for reducing or alleviating property loss, reducing damage to the environment, and reducing the number and severity of injuries that occur from hazard events through long and short-term strategies.



What Does Planning for Hazards Look Like?

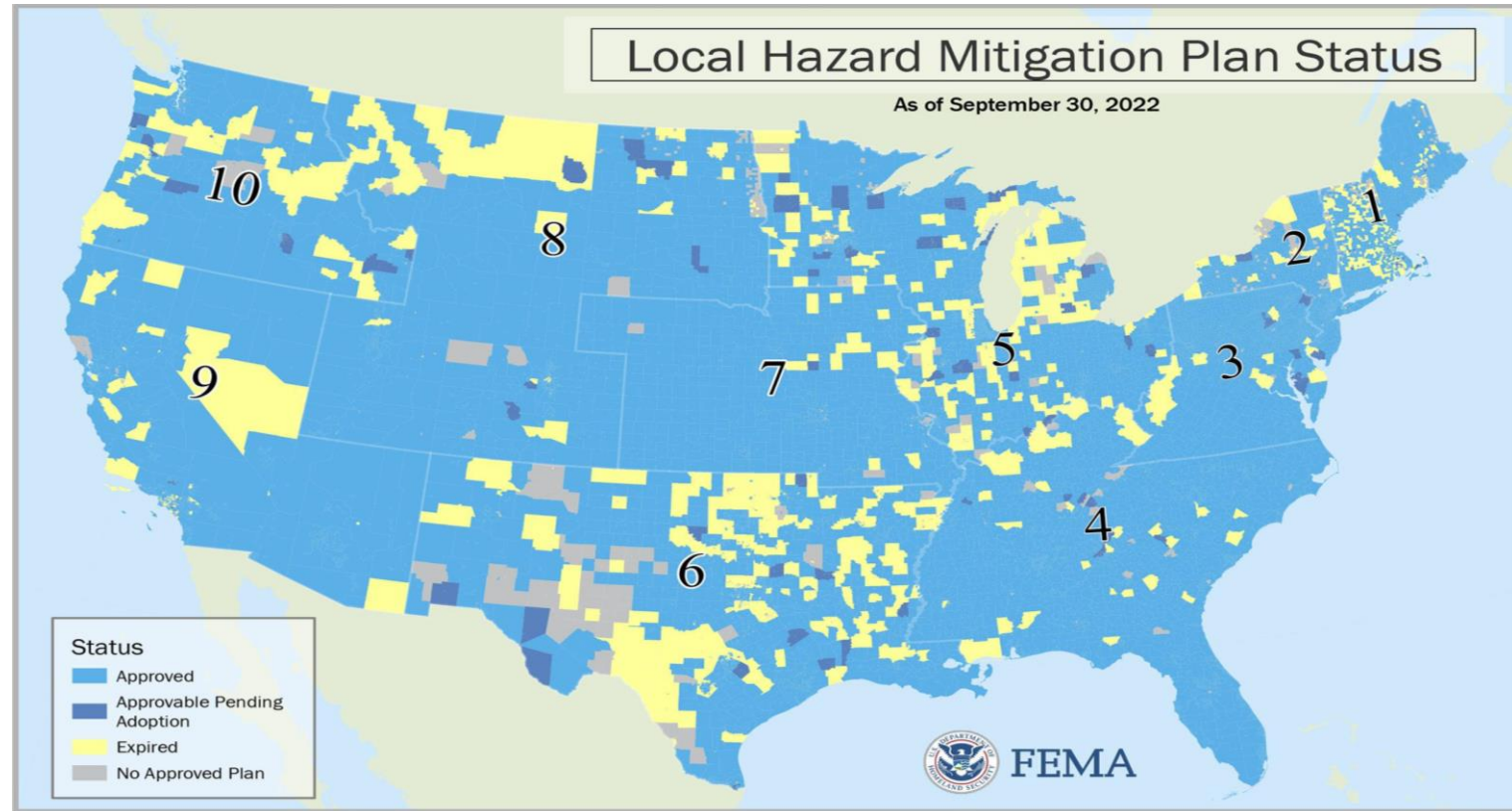
- There are four core steps in creating a hazard mitigation plan.
- The purpose of this plan is to document the natural hazards that affect Chautauqua County and outline practical mitigation strategies that can be implemented to reduce the effects of such hazard events.
- The update of the 2016 plan is currently on Step 3: Develop a Mitigation Strategy.



Purpose of Today's Meeting

Today we will accomplish the following:

1. Develop new goals and objectives
2. Update that status of the 2016 HMP actions
3. Create new mitigation actions



But First: How Does FEMA's New Policies Impact our Plan?

Per FEMA's new policy guide, the updated HMP must:

- Include effects of climate change and other future conditions in the risk assessment.
- Recognize the important role of adopting and enforcing building codes and land use ordinances in the ability of local government to improve mitigation capabilities.
- Facilitate stronger alignment with other FEMA mitigation programs (NFIP, CRS).
- Include existing mitigation plan requirements for the High Hazard Potential Dams (HHPD) grant program to include dam risks.



Local Mitigation Planning Policy Guide

FP 206-21-0002

Released April 19, 2022, Effective April 19, 2023

OMB Collection #1660-0062



FEMA

FEMA Mission Statement

Local hazard mitigation plans form the foundation of a community's long-term strategy to reduce disaster losses and break the cycle of disaster damage, reconstruction and repetitive damage. The Federal Emergency Management Agency (FEMA) supports local mitigation planning to achieve the following:

- Foster partnerships among all levels of government.
- Develop and strengthen non-governmental and private partnerships.
- Promote more disaster-resilient and sustainable communities.
- Reduce the costs associated with disaster response and recovery by promoting mitigation activities.





Goals v. Objectives

- Goal Defined: A short statement of the desired outcome to be accomplished over a long time frame, usually 3 to 5 years. It is a broad statement that focuses on the desired results.
 - Example From 2016 Plan: Reduce Vulnerability to Life-Safety Threats.
- Objective Defined: A specific, actionable target that needs to be achieved within a smaller time frame, such as a year or less, to reach a certain goal.
 - Example from 2016 Plan: Enhance and expand public alerting and notification means.

Creating Goals and Objectives

We will now use a digital app called Poll Everywhere that can be accessed with your phone or computer to review and update the 2016 goals and objectives:

 When poll is active, respond at **Pollev.com/gracedesantis875**
 Text **GRACEDESANTIS875** to **22333** once to join

Which of the 2016 HMP Goals do you agree with the most?

Reduce Vulnerability to Life-Safety Threats

Reduce Property and Economic Loss

Update and Maintain Current Emergency Plans

Maintain Readiness for an Effective and Safe
Response to Disaster

Promote an Efficient Response and Recovery
Process

Strive to be the Best Possible

Reduce the Impacts of Climate Change on
Vulnerability to Hazards

None

Which of the 2019 New York State Hazard Mitigation Plan Goals do you agree with the most?

Federal, State, and Local Coordination

Protect Existing Property

Increase awareness

Preserve or Restore Natural Systems

Build Stronger

None

What should an objective be for "Goal 7: Reduce the Impacts of Climate Change on Vulnerability to Hazards"?

What new goals should the updated HMP incorporate?

Which objective do you agree with the most? Goal 1: Reduce Vulnerability to Life Safety Threats

Objective 1-1: Increase public awareness by identifying ways to increase public knowledge of threats and preparedness measures.

Objective 1-2: Enhance and expand public alerting and notification means

Neither

Which objective do you agree with the most? Goal 2: Reduce Property and Economic Loss

Objective 2-1: Increase public awareness.

Objective 2-2: Enhance and expand public alerting and notification means

Objective 2-3: Identify appropriate insurance for vulnerabilities.

Objective 2-4: Identify protective measures.

None

Which objective do you agree with the most? Goal 3: Update and Maintain Current Emergency Plans

Objective 3-1: Plan Review for accuracy.

Objective 3-2: Maintain resource databases and contacts.

Objective 3-3: Acknowledge and practice cycles that satisfy regulatory requirements.

None

Which objective do you agree with the most? Goal 4: Maintain Readiness for an Effective and Safe Response to Disaster

Objective 4-1: Provide state-of-the-art training programs and equipment for public safety providers.

Objective 4-2: Identify voids in the public safety infrastructure.

Objective 4-3: Coordinate resources for effective and efficient response

Objective 4-4: Review and improve, if necessary, emergency traffic routes; communicate such routes to the public and communities

None

Which objective do you agree with the most? Goal 5: Promote an Efficient Response and Recovery Process

Objective 5-1: Identify and deploy
assistive resources.

Objective 5-2: Ensure accurate and
timely communication with the public.

Objective 5-3: Promote “neighbor
helping neighbor” concepts.

None

Which objective do you agree with the most? Goal 6: Strive to be the Best Possible

Objective 6-1: Seek professional accreditations.

Objective 6-2: Continue personal and professional development opportunities.

Objective 6-3: Seek additional community partnerships.

Objective 6-4: Inform municipal officials of activities and elicit their support.

Objective 6-5: Seek funding sources to assist program goals and objectives.

None

What should an objective be for "Goal 1: Reduce Vulnerability to Life Safety Threats"?

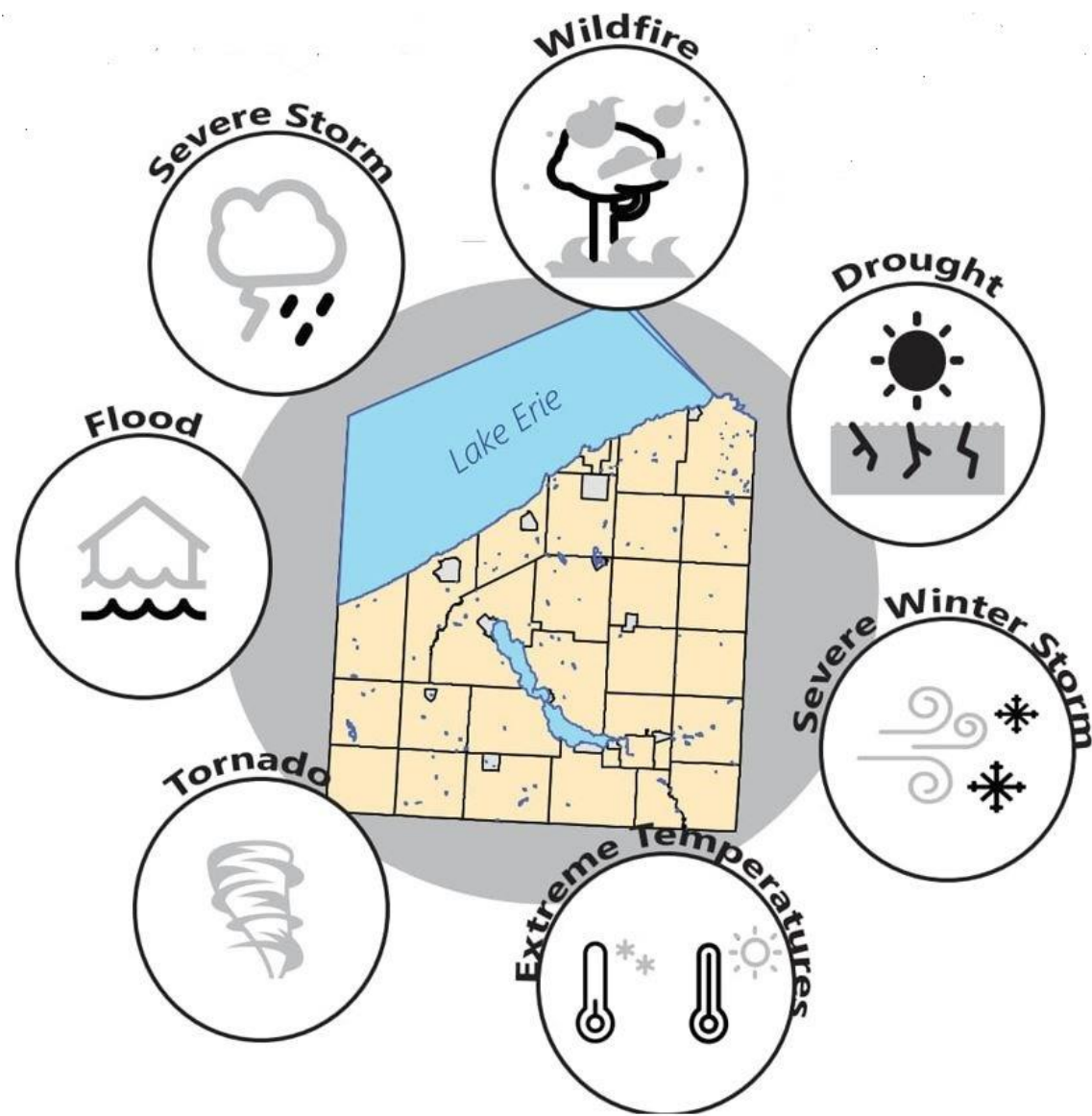
What should an objective be for "Goal 2: Reduce Property and Economic Loss"?

What should an objective be for "Goal 3: Update and Maintain Current Emergency Plans"?

What should an objective be for "Goal 4: Maintain Readiness for an Effective and Safe Response to Disaster"?

What should an objective be for "Goal 5: Promote an Efficient Response and Recovery Process"?

What should an objective be for "Goal 6: Strive to be the Best Possible"?



Updating the Status of the 2016 HMP Mitigation Actions

- We will now review the packet of 2016 HMP actions that you received via email prior to this meeting
- Each action will be marked as “Complete”, “In-Progress”, or “Incomplete”
- Actions that have not been completed may be included as actions in the updated plan

Creating New Mitigation Actions

We will now create new hazard mitigation actions!

- FEMA's new guidelines for 2023 require that each participating municipality create at least one action per hazard.
- Actions that can be considered include:
 - Local Plans and Regulations: (EX) Participate in Community rating System (CRS).
 - Structure and Infrastructure Projects: (EX) Remove existing structures from flood hazard areas.
 - Natural Systems Protection: (EX) Protect and enhance landforms that serve as natural mitigation features.
 - Education and Awareness: (EX) Outreach programs to provide education on mitigation actions that homeowners can take to reduce their risk of floods.

Table 4.5 – Hazard Vulnerability by Event for Chautauqua County

Hazard Event	Extent	Onset	Impact (Damages and Injuries)	Frequency	Overall Score and Vulnerability	Jurisdiction Rank
Severe Thunderstorm/ Windstorm/Hail	3	2	2	3	10 - High	1
Severe Winter Storm	2	3	2	3	10 - High	2
Flood	2	2	3	3	10 - High	3
Ice Jam	2	2	2	3	9 - High	4
Wildfire	3	3	2	1	9 - High	5
Extreme Temperatures	2	2	3	2	9 - High	6
Ice Storm	3	1	1	3	8 - Moderate	7
Tornado	3	1	2	2	8 - Moderate	8
Drought	3	1	2	2	8 - Moderate	9
Earthquake	2	1	1	3	7 - Moderate	10
Landslide	1	3	1	1	6 - Moderate	11

Creating New Mitigation Actions

Table 4.5 – Hazard Vulnerability by Event for Chautauqua County should be utilized to assess the risks posed by hazards and create mitigation actions

Creating New Mitigation Actions

Turning now to an Excel spreadsheet that we will work on together to develop new actions!

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Jurisdiction	Project #	Project Name	Action Worksheet (Yes/No)	Goal / Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to C?	EHP Issue	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Approvable?	Comments
County	EQ1	Earthquake Risk Awareness			Earthquake	Chautauqua County is highly vulnerable to an earthquake based on this hazard's high extent (a large area is affected at once), high onset (no warning), moderate potential for property damage/injuries, and low frequency (once every 5 or more years)	Since earthquakes occur with such low frequency in the county, the risk that earthquakes pose to life and property can be sufficiently reduced through the development of an outreach program about earthquake risk and mitigation activities in homes, schools, and	No	No	6-12 months	County office of Emergency Services	Low	The County can improve public safety by educating residents and business owners on effective ways for mitigating the dangerous impacts of earthquakes	County Budget	Medium		
County	SS1				Severe Thunderstorm/												
County	SS2				Windstorm/Hail												
County	W1				Wildfire												
County	W2				Wildfire												
County	IJ1				Ice Jam												
County	IJ2				Ice Jam												
County	F1				Flood												
County	F2				Flood												
County	EQ2				Earthquake												
County	T1				Tornado												
County	T2				Tornado												
County	ET1				Extreme Temperatures												
County	ET2				Extreme Temperatures												
County	IC1				Ice Storm												
County	IC2				Ice Storm												
County	SW1				Severe Winter Storm												
County	SW2				Severe Winter Storm												
County	L1				Landslide												
County	L2				Landslide												

Wrapping up: Time Tracking Survey

Before you leave today, please take five minutes to complete the Time Tracking Survey. Your attendance and participation will be used towards the in-kind match requirement for the FEMA grant secured by the Chautauqua County Office of Emergency Services.

The survey can be accessed here:

<https://www.surveymonkey.com/r/3DNSKSB>

Questions?

Untitled

Current run (last updated Mar 20, 2023 9:49am)

16

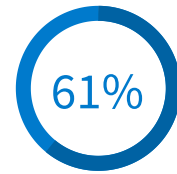
Activities

20

Participants

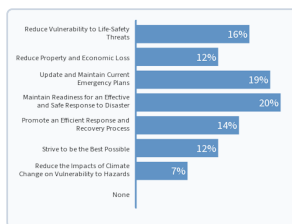
18

Average responses



Average engagement

Which of the 2016 HMP Goals do you agree with the most?



Response options

Count Percentage

Reduce Vulnerability to Life-Safety Threats

11 16%

Reduce Property and Economic Loss

8 12%

Update and Maintain Current Emergency Plans

13 19%

Maintain Readiness for an Effective and Safe Response to Disaster

14 20%

Promote an Efficient Response and Recovery Process

10 14%

Strive to be the Best Possible

8 12%

Reduce the Impacts of Climate Change on Vulnerability to Hazards

5 7%

None

0 0%

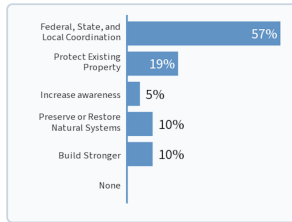


Engagement

69

Responses

Which of the 2019 New York State Hazard Mitigation Plan Goals do you agree with the most?



Response options

Count Percentage

Federal, State, and Local Coordination

12 57%

Protect Existing Property

4 19%

Increase awareness

1 5%

Preserve or Restore Natural Systems

2 10%

Build Stronger

2 10%

None

0 0%

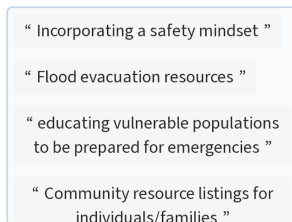


Engagement

21

Responses

What new goals should the updated HMP incorporate?



Responses

Incorporating a safety mindset

Flood evacuation resources

educating vulnerable populations to be prepared for emergencies

Community resource listings for individuals/families

Sustainability plans

None

More on climate change effects.

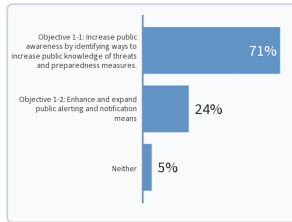


Engagement

7

Responses

Which objective do you agree with the most? Goal 1: Reduce Vulnerability to Life Safety Threats



Response options

Count Percentage

Objective 1-1: Increase public awareness by identifying ways to increase public knowledge of threats and preparedness measures.

15

71%



Engagement

Objective 1-2: Enhance and expand public alerting and notification means

5

24%

21

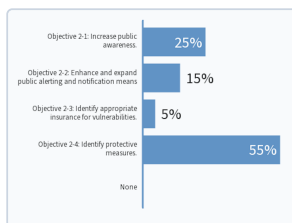
Responses

Neither

1

5%

Which objective do you agree with the most? Goal 2: Reduce Property and Economic Loss



Response options

Count Percentage

Objective 2-1: Increase public awareness.

5

25%



Engagement

Objective 2-2: Enhance and expand public alerting and notification means

3

15%

20

Responses

Objective 2-3: Identify appropriate insurance for vulnerabilities.

1

5%

Objective 2-4: Identify protective measures.

11

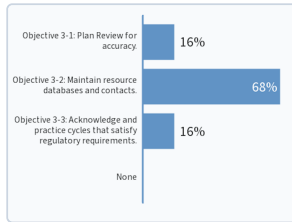
55%

None

0

0%

Which objective do you agree with the most? Goal 3: Update and Maintain Current Emergency Plans



Response options

Response options	Count	Percentage
------------------	-------	------------

Objective 3-1: Plan Review for accuracy.

3

16%

Objective 3-2: Maintain resource databases and contacts.

13

68%

Objective 3-3: Acknowledge and practice cycles that satisfy regulatory requirements.

3

16%

None

0

0%

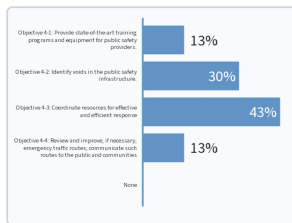


Engagement

19

Responses

Which objective do you agree with the most? Goal 4: Maintain Readiness for an Effective and Safe Response to Disaster



Response options

Response options	Count	Percentage
------------------	-------	------------

Objective 4-1: Provide state-of-the-art training programs and equipment for public safety providers.

3

13%

Objective 4-2: Identify voids in the public safety infrastructure.

7

30%

Objective 4-3: Coordinate resources for effective and efficient response

10

43%

Objective 4-4: Review and improve, if necessary, emergency traffic routes; communicate such routes to the public and communities

3

13%

None

0

0%

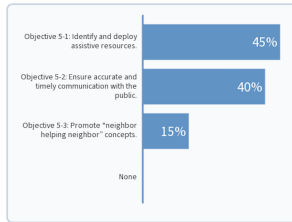


Engagement

23

Responses

Which objective do you agree with the most? Goal 5: Promote an Efficient Response and Recovery Process



Response options

Response options	Count	Percentage
------------------	-------	------------

Objective 5-1: Identify and deploy assistive resources.

9 45%

Objective 5-2: Ensure accurate and timely communication with the public.

8 40%

Objective 5-3: Promote "neighbor helping neighbor" concepts.

3 15%

None

0 0%

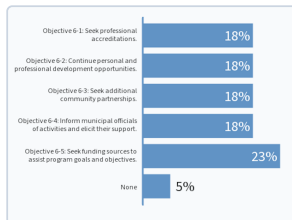


Engagement

20

Responses

Which objective do you agree with the most? Goal 6: Strive to be the Best Possible



Response options

Response options	Count	Percentage
------------------	-------	------------

Objective 6-1: Seek professional accreditations.

4 18%

Objective 6-2: Continue personal and professional development opportunities.

4 18%

Objective 6-3: Seek additional community partnerships.

4 18%

Objective 6-4: Inform municipal officials of activities and elicit their support.

4 18%

Objective 6-5: Seek funding sources to assist program goals and objectives.

5 23%

None

1 5%



Engagement

22

Responses

What should an objective be for "Goal 1: Reduce Vulnerability to Life Safety Threats"?

" Better understanding of our vulnerability to being isolated from major cities during storm events. Ability to move critica "

" Public Outreach "

" Pre-positioned response equipment "

Responses

Better understanding of our vulnerability to being isolated from major cities during storm events.
Ability to move critica

Public Outreach

Pre-positioned response equipment

Education

Increased/improved public alerts

Coordinate

Active preparation

Timely warnings

Education

Training

Communications



Engagement

11

Responses

What should an objective be for "Goal 2: Reduce Property and Economic Loss"?

" Understand outside resources fir mitigation "

" Enforcement current codes and standards "

" Asset management "

" Training "

Responses

Understand outside resources fir mitigation

Enforcement current codes and standards

Asset management

Training

Sustainability plan

Early alerts and preparedness

Enforce building codes more consistently across county



Engagement

7

Responses

What should an objective be for "Goal 3: Update and Maintain Current Emergency Plans"?

" Common archive for plans "

" identification of key partners and keeping updated contacts "

" Prioritizing "

" Provide mechanism for community to register needs with

Responses

Common archive for plans

identification of key partners and keeping updated contacts

Provide mechanism for community to register needs with emergency system

Prioritizing

Scheduled updates and meetings

Stakeholder involvement

Set review schedule

Ensure community involvement and departments integration

Top down approach

Training

45%

Engagement

10

Responses

What should an objective be for "Goal 4: Maintain Readiness for an Effective and Safe Response to Disaster"?

" Chain of command followed "

" training for responders and maotaining equipment "

" allow personnel the time needed to plan and attend exercises "

" Integration of other key

Responses

Chain of command followed

training for responders and maotaining equipment

allow personnel the time needed to plan and attend exercises

Integration of other key departments in planning like health and DPF

Communication

Training

Tabletop exercises

35%

Engagement

7

Responses

What should an objective be for "Goal 5: Promote an Efficient Response and Recovery Process"?

" Documentation "

" HOT WASH "

" Proactive communication "

" Access to recovery programs "

" Good communication and I go

Responses

HOT WASH Documentation

Proactive communication

Access to recovery programs

Good communication and I go from elected officials

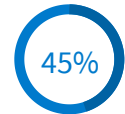
Communication

promote cross department training and response

Buy into it

Effective and accurate Damage assessments

Debrief



Engagement

10

Responses

What should an objective be for "Goal 6: Strive to be the Best Possible"?

" After action reviews "

" Be open to changing needs "

" Courage to do the right thing "

" Open communication and following chain of command and establishing IC during events "

Responses

After action reviews Be open to changing needs

Courage to do the right thing

Open communication and following chain of command and establishing IC during events

Community education Training

more exercises to identify weaknesses

Training opportunities Define this.....

Accreditation and certifications when available



Engagement

10

Responses

What should an objective be for "Goal 7: Reduce the Impacts of Climate Change on Vulnerability to Hazards"?

" Identify areas of concern to be prepared "

" Learn from our mistakes "

" Flood mitigation: Stream bank stabilization, storm water drainage improvement "

Responses

Identify areas of concern to be prepared

Learn from our mistakes

Flood mitigation: Stream bank stabilization, storm water drainage improvement

State and federal assistance to implement preventative measures

include climate change specifically as a part of all of our plans



Engagement

5

Responses



Chautauqua County Hazard Mitigation Plan Update



VIRTUAL PUBLIC INFORMATIONAL MEETING II

May 17, 2023 | 6:00 pm

Join via Zoom!

<https://bartonandloguidice.zoom.us/j/88414575576>

The Draft HMP for Chautauqua County can be accessed with this link: <http://www.chautcofire.org/2023MitigationPlan.html>

What is a Hazard Mitigation Plan?

A hazard mitigation plan identifies and evaluates risks and vulnerabilities associated with natural hazards and disasters. This process aims to reduce the loss of life and property by minimizing the impact of natural hazard events. Hazard mitigation planning leads to the development of short-term and long-term strategies to reduce and manage risk. Mitigation strategies identified in an updated hazard mitigation plan may be eligible for grant funding for implementation.





Chautauqua County Hazard Mitigation Plan Update

STAKEHOLDER AND PUBLIC INFORMATION MEETING

Wednesday, May 17, 2023: 6 – 7pm

Agenda

1. Hazard Mitigation Planning Overview
2. Planning Committee Introduction
3. Why Participate?
4. Potential Funding Sources
5. Hazard Mitigation Plan Update
6. Example Mitigation Actions
7. Polling Questions
8. Next Steps



Hazard Mitigation Planning

- Hazard mitigation planning reduces the risk that natural hazards pose to critical community assets. Through the implementation of long and short-term strategies hazard mitigation can limit the number and severity of injuries that occur from hazard events
- The Disaster Mitigation Act of 2000 requires state, local, tribal and territorial governments to have a FEMA-approved mitigation plan in order to be eligible for mitigation project funding:
 - Plan needs to be updated every 5 years
 - Plan must comply with 2022 NYS Hazard Mitigation Planning Standards and FEMA 2023 Policy Guidance



Hazard Mitigation Plan Update

Chautauqua County received a grant from FEMA to update the 2016 Multi-Jurisdictional Hazard Mitigation Plan. This plan expired on January 12, 2022.

Plan Components

- County Profile
- Planning Process
- Risk Assessment
- Hazard Profiles
- Hazard Vulnerability Assessment
- Mitigation Goals and Strategies
- Plan Implementation, Monitoring, and Maintenance
- Jurisdictional Annex for each jurisdiction

New Plan Elements

- Include representatives from a broad range of sectors, such as community lifelines and non-profits that support underserved communities.
- Consider the effects of climate change and other future conditions.
- Address existing mitigation plan requirements of the HHPD grant program to include all dam risks.
- Describe building codes and land use and development ordinances.

Planning Committee



Office of Emergency
Services

Planning
Committee
NYS DHSES

- Soil & Water Conservation District
- Planning and Community Development
- Public Facilities
- Department of Health
- Office for the Aging
- Water & Sewer Districts

Barton &
Loguidice

Local Jurisdictions

Why Participate?

Benefits of Participation

- Hazard mitigation planning reduces loss of life and property by minimizing the impact of disasters
- Mitigation plans are key to breaking the cycle of disaster damage and reconstruction, which is expected to intensify with climate change
- By participating in and adopting the HMP, your community may be eligible for funding to reduce disaster losses and protect from future disaster damages:

In 2022, the Village of Pulaski, NY received \$1,000,000 for stormwater flooding improvements through a Pre-Disaster Mitigation Grant!

**For every \$1
spend on
mitigation, an
average of \$6
is saved!!**

Potential Sources of Funding

FEMA Assistance Programs

- Hazard Mitigation Grant Program (HMGP)
- Post Fire/Fire Management Assistance Grant
- Pre-Disaster Mitigation Grant (PDMG)
- Building Resilient Infrastructure and Communities Program (BRIC)
- Flood Mitigation Assistance Grant (FMA)
- High Hazard Potential Dam Grant (HHPD)

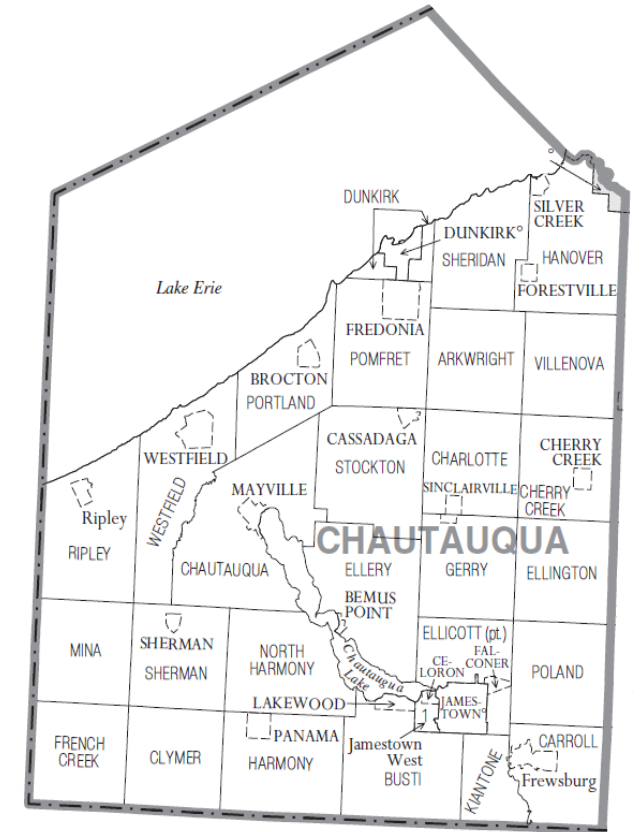
New York State Assistance Programs

- Water Quality Improvement Program (WQIP)
- Urban and Community Forestry Grants
- Bridge NY
- Consolidated Local Street and Highway Improvement Program (CHIPS)
- Clean Water State Revolving Fund (CWSRF)
- Drinking Water State Revolving Fund (DWSRF)
- Water Infrastructure Improvements Act (WIIA)
- Community Development Block Grant Program (CDBG) Program
- State and Municipal Facilities Program

Hazard Mitigation Plan Update

Plan Progress

- Planning Committee met monthly beginning in July, 2022
- Elected Officials Kick-off Meeting held in June 2022
- Individual municipal meetings and data collection completed
 - 42 municipalities updated annex information (100% participation)
 - Chief Elected Officials and Highway/DPW superintendents
- Draft of main plan, jurisdictional annexes, and appendices completed



Hazard Analysis

Chautauqua County's 2023 hazard ranking (Avg. of all jurisdictional rankings):

1. Severe Winter Storm
2. Severe Thunderstorm/ Windstorm/ Hail
3. Flood
4. Ice Storm
5. Tornado
6. Extreme Temperatures (Heat Wave, Cold Wave)
7. Drought
8. Ice Jam
9. Landslide
10. Wildfire



Barn destroyed in the Town of Portland



Flooding in the Village of Bemus Point

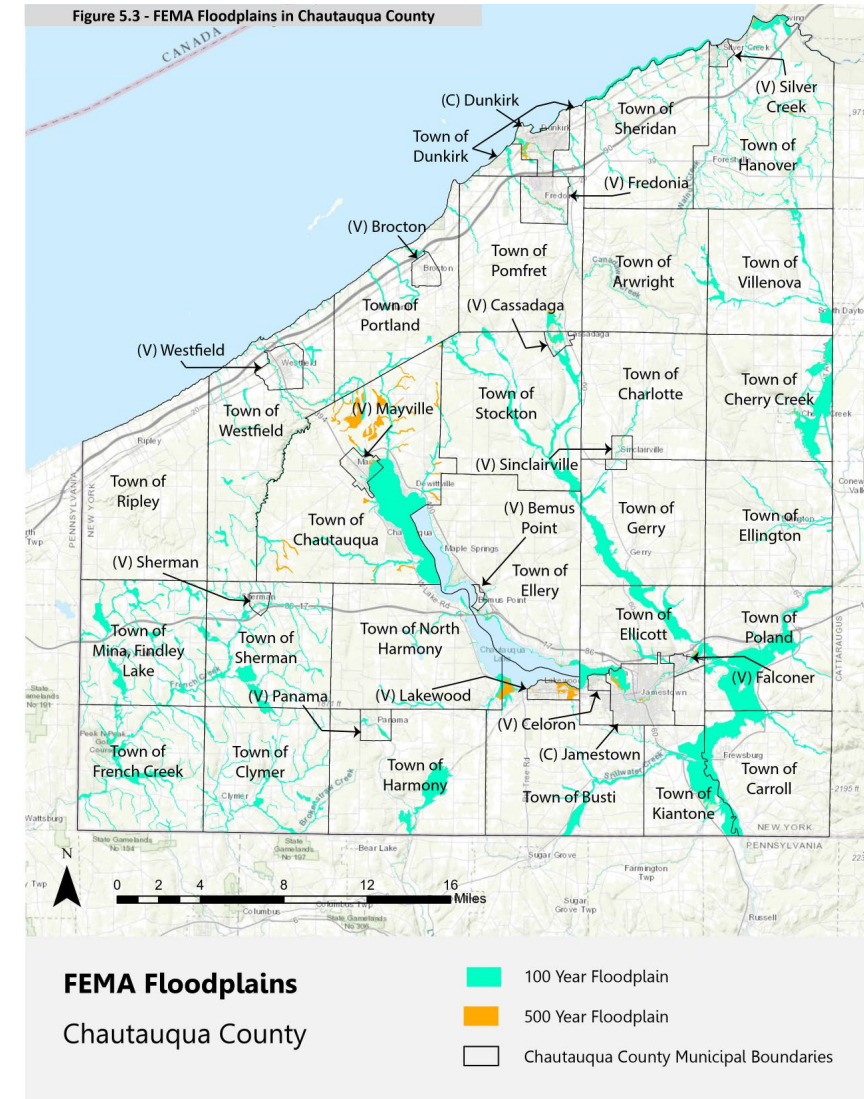
Vulnerability Assessment

Existing Assets and Resources

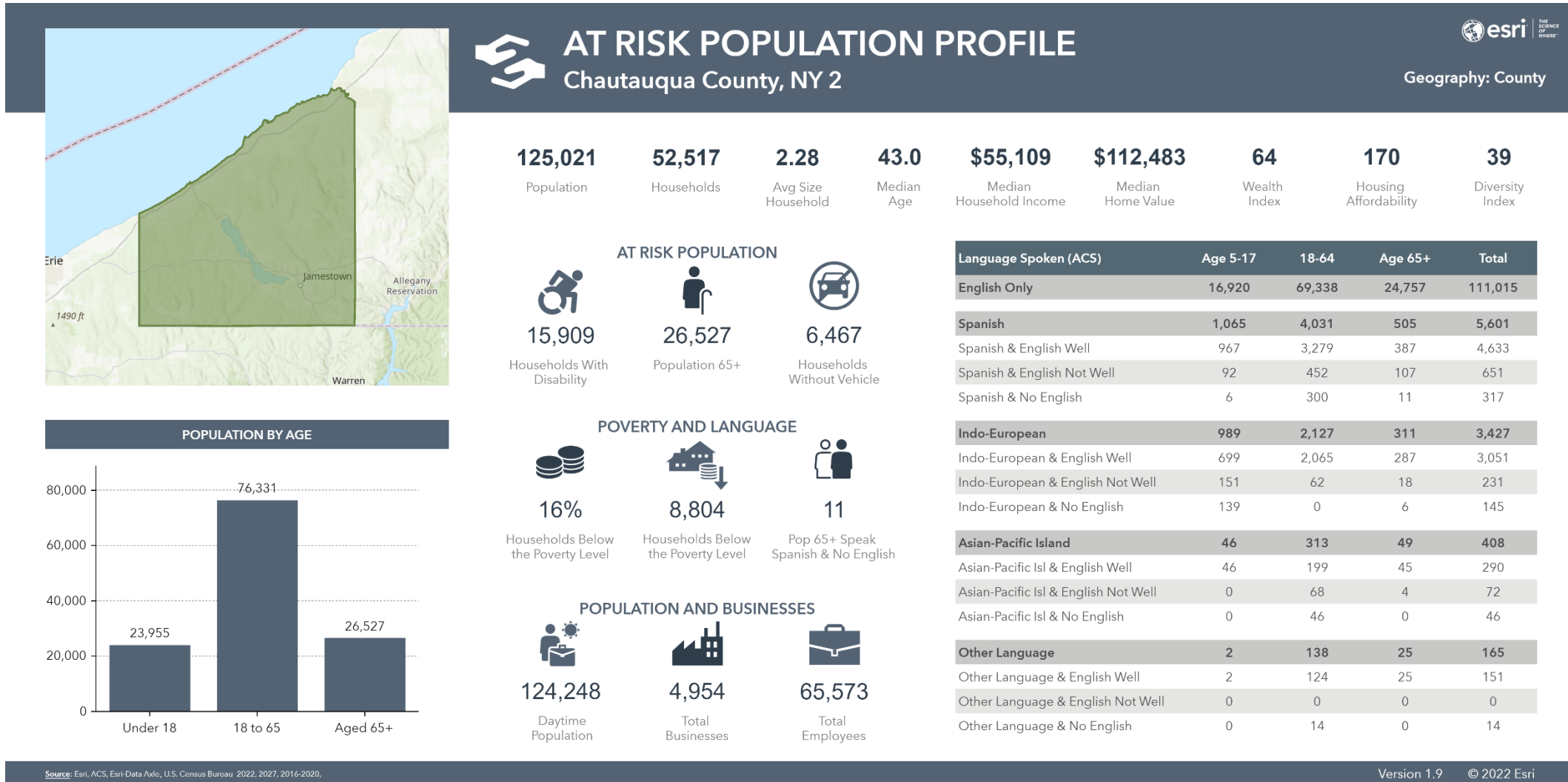
- Critical infrastructure and facilities
- Homes and Businesses
- Natural Resources
- Emergency shelters
- Evacuation routes
- Communication systems

Vulnerability

- Hazard-prone locations (i.e., floodplains)
- Condition of critical infrastructure and assets
- Socially vulnerable populations



Vulnerability Assessment (Who)



Source: Esri, ACS, Esri-Data Axio, U.S. Census Bureau 2022, 2027, 2016-2020.

Version 1.9 © 2022 Esri

Vulnerability Assessment (What)

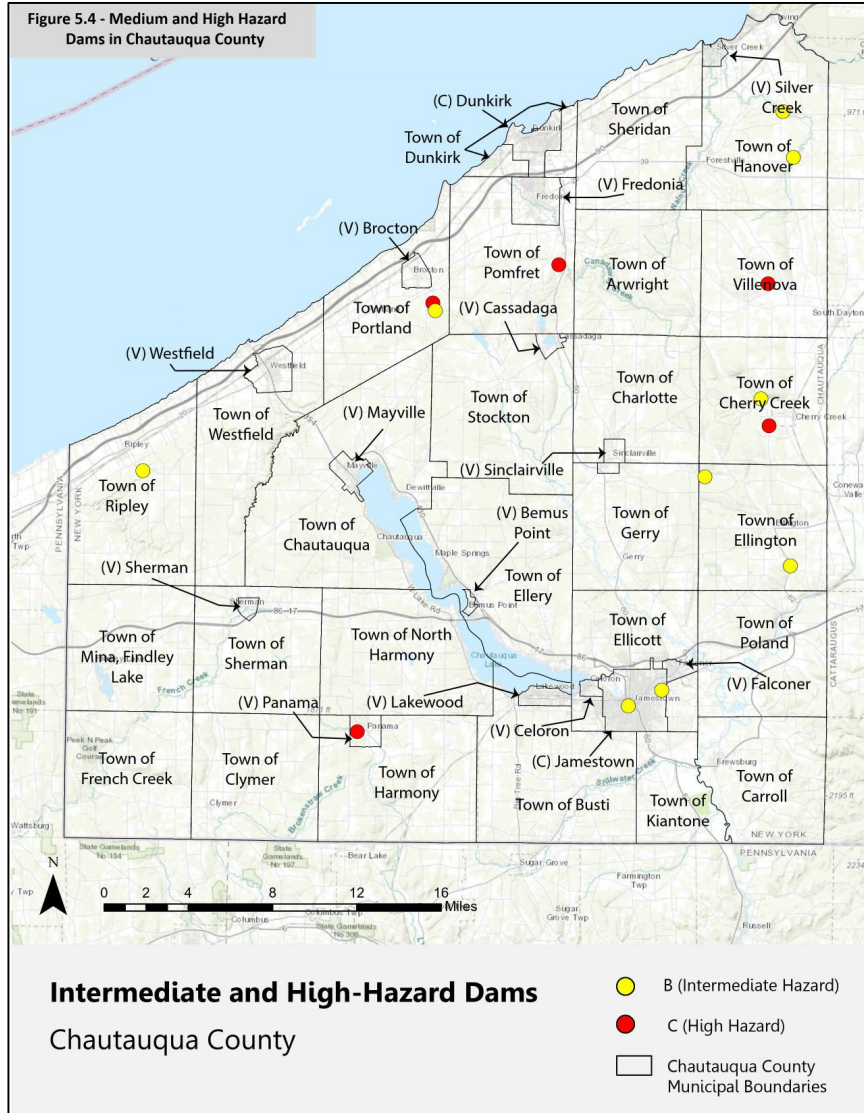


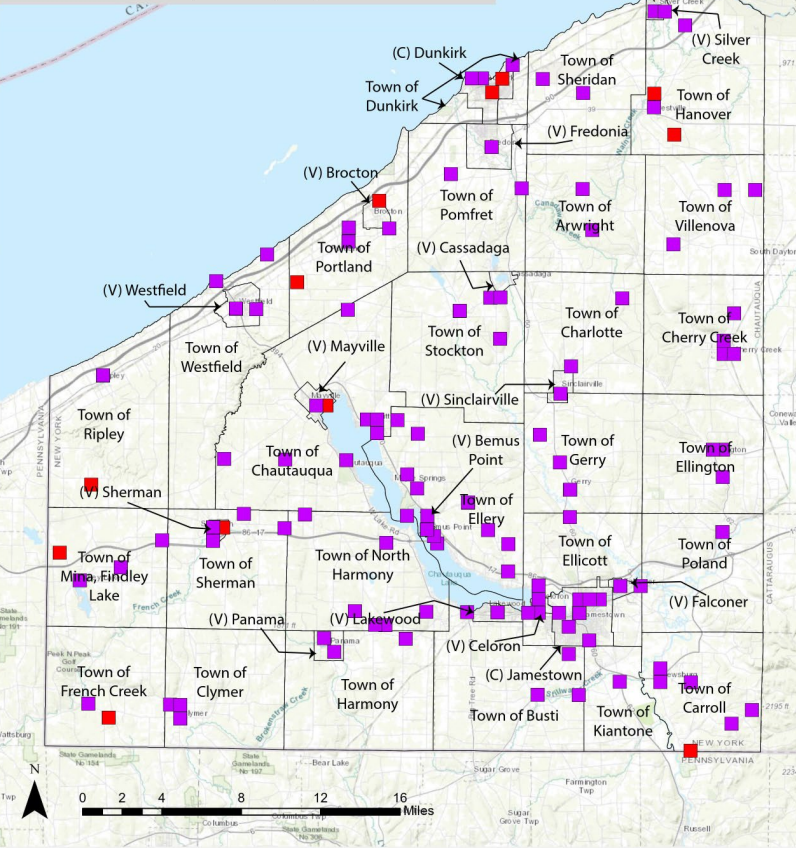
Table 5.7 – Estimated Structure Value of Parcels within Mapped Floodplains Chautauqua County

Property Class	Number of Parcels in 100- Year Floodplain	Approx. Structure Value* in 100- Year Floodplain	Number of Parcels in 500- Year Floodplain	Approx. Structure Value* in 500- Year Floodplain
Agricultural	161	\$2,805,037	5	\$118,200
Commercial	123	\$18,059,410	74	\$43,567,450
Community Services	43	\$5,346,110	8	\$11,505,270
Industrial	14	\$2,136,100	5	\$1,551,000
Parks and Open Space	81	\$530,000	2	\$0
Public Services	46	\$13,727,085	6	\$205,618
Residential	1915	\$174,608,566	627	\$54,506,865
Vacant	1600	\$2,269,932	519	\$553,890
Recreation	73	\$4,205,580	9	\$1,122,400
Total	4056	\$223,687,820	1255	\$113,130,693

***Structure Value estimated by subtracting parcel Land Assessed Value from Total Assessed Value (Chautauqua County, 2021)**

Vulnerability Assessment (Where)

Figure 5.2 - Thunderstorm Wind and Hail Records in Chautauque County
(NOAA NCDC, 2023)

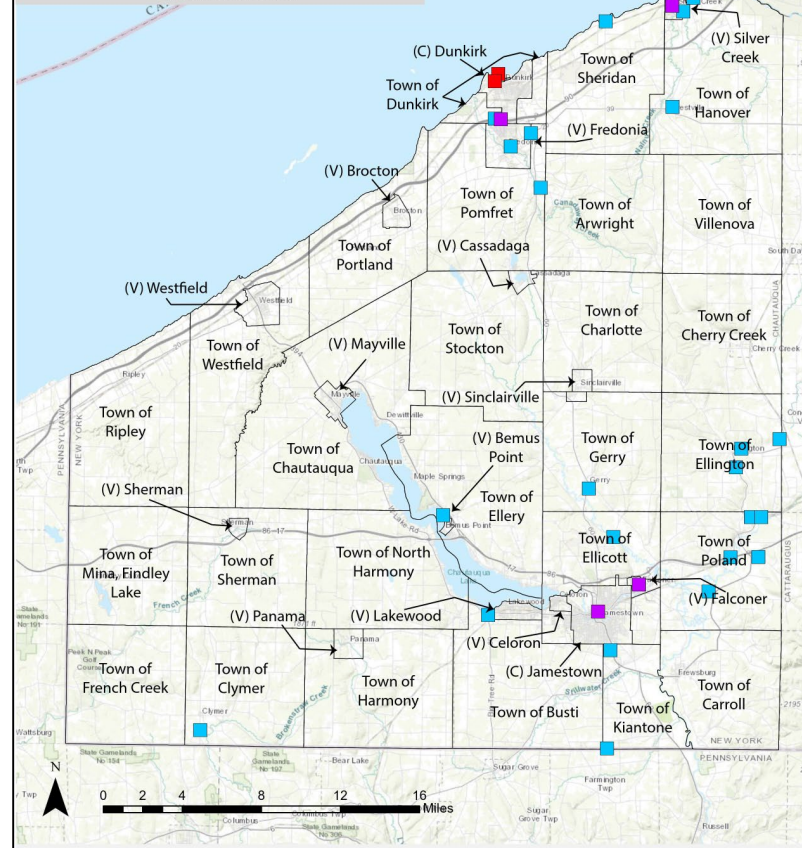


**NCDC Severe Thunderstorm Wind
and Hail Records**

Chautauque County

- Thunderstorm Wind
- Hail
- Chautauque County Municipal Boundaries

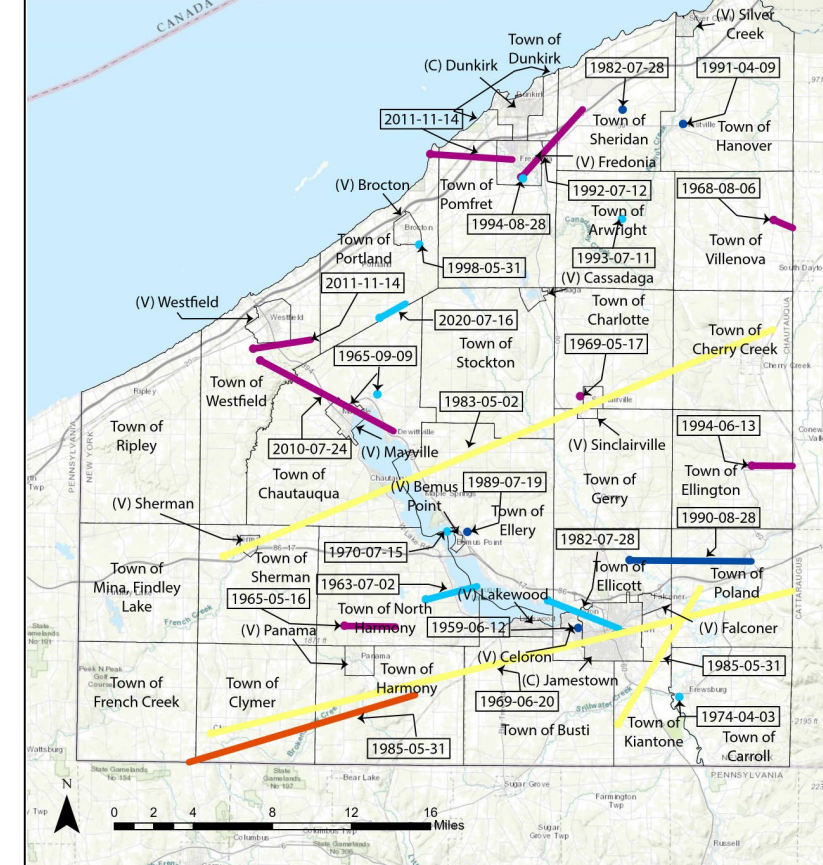
Figure 5.5 - Flood Records in Chautauque County
(NOAA NCDC, 2023)



NCDC Flood Records
Chautauque County

- Flood
- Lakeshore Flood
- Flash Flood
- Chautauque County Municipal Boundaries

Figure 5.11 - Historic Tornado Pathways in Chautauque County



**NOAA Historic Tornado
Pathways**

(NOAA Historic Tornado Pathways, 1950-2021)

Chautauque County

- Chautauque County Municipal Boundaries
- Fujita Scale Magnitude
 - 0
 - 1
 - 2
 - 3
 - 4

Mitigation Actions

Identified potential mitigation actions (one per hazard)

- Local Plans and Regulations
- Structure and Infrastructure Projects
- Natural Systems Protection
- Education and Awareness Programs

Prepared an implementation plan and alternatives for each action

- Estimated costs, potential funding sources, involved agencies, and implementation timeframes
- Useful for future funding applications
- Developed at least two alternative actions

Example Mitigation Actions

Example: Local Plans and Regulations

Town of Clymer

Problem:

Without a comprehensive plan, the Town lacks a crucial tool to outline strategies for reducing the risks that hazards pose.

Action:

The Town can create a comprehensive plan to coordinate community goals, future development, and grant writing plans so that the Town qualifies for hazard mitigation programs and funding.

Example: Structure and Infrastructure Project

Town of Dunkirk

Problem:

There is frequent flooding near the railroad bridge crossing over Canadaway Creek upstream to West Willow Road.

Action:

The Town can remove the central pier from the CSX railroad bridge crossing to increase the cross-sectional flow area of the channel and remove potential catch points for sediment debris.

Example: Natural Systems Protection

Village of Sinclairville

Problem:

The Village occasionally experiences landslides that have the potential to occur without warning and cause moderate damages in multiple locations.

Action:

The Town can apply soil stabilizations measures, such as planting soil-stabilizing vegetation on the slopes that are the most likely to experience a landslide.

Example: Education and Awareness Programs

City of Jamestown

Problem:

The City frequently experiences severe winter storms that have the potential to cause minor damages across a wide area.

Action:

The City can annually inform residents about severe winter weather impacts by producing and distributing family and traveler emergency preparedness information about severe winter weather hazards.

Polling Questions

Based on the list of hazards that were profiled by the County, please rank these hazards from greatest to least impact.

Severe Winter Storm

Severe Thunderstorm/ Windstorm/ Hail

Flood

Ice Storm

Tornado

Extreme Temperatures (Heat Wave, Cold Wave)

Drought

Ice Jam

Landslide

Wildfire

Are there any specific locations, facilities, resources, or people in Chautauqua County that you are most concerned about being impacted by natural hazards?

Top

5. Do you believe that hazard mitigation should be prioritized by your community as a way to reduce risk and improve safety?

Yes

No

Which types of actions do believe are most likely to mitigate the impacts of hazards in Chautauqua County?

Local Plans and
Regulations

Structure and
Infrastructure Projects

Natural Systems
Protection

Education and
Awareness Programs

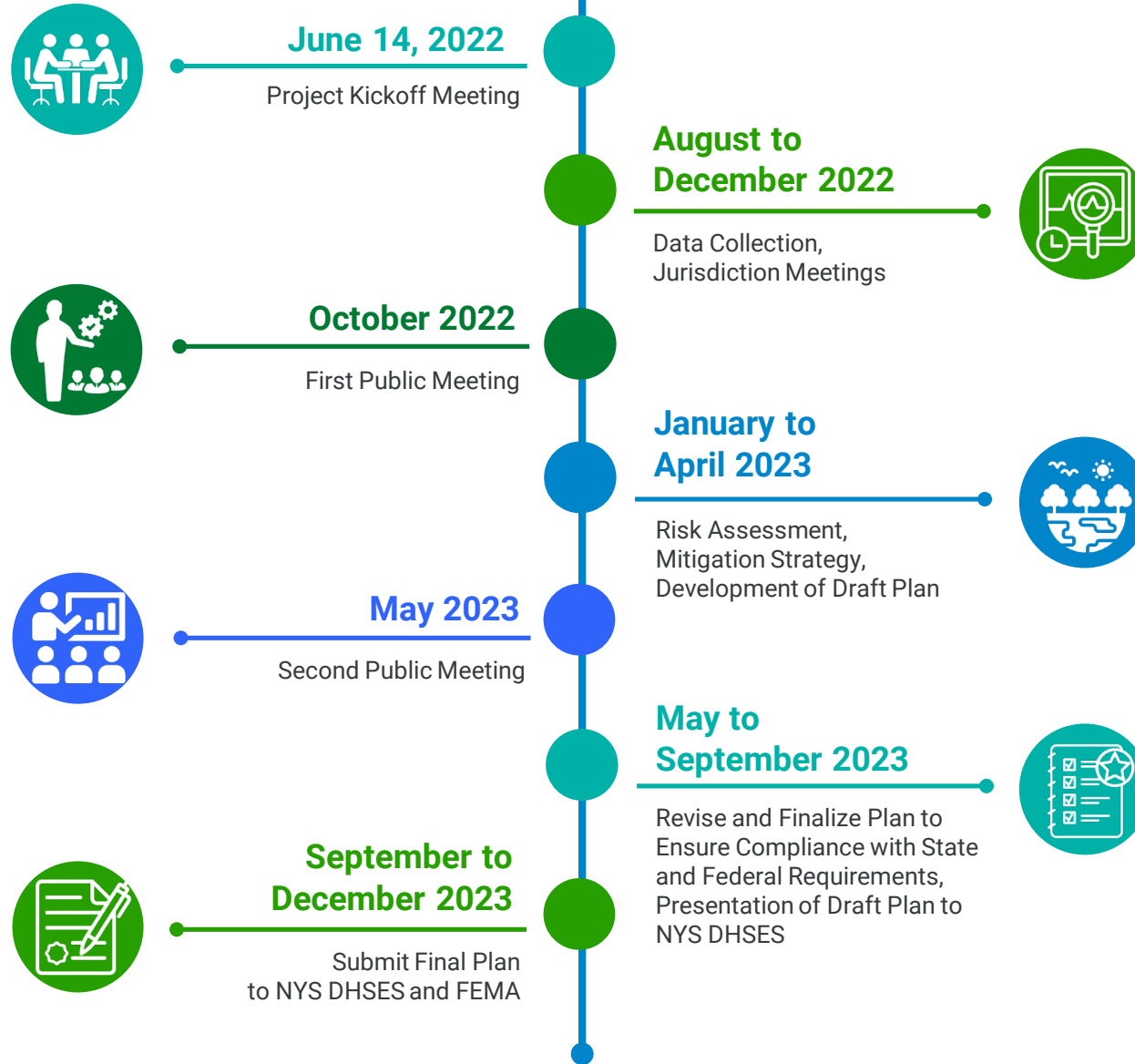
4. Do you believe that hazard mitigation should be considered by your municipality when it creates other plans or ordinances? (ex: comprehensive plan, zoning amendments)

Yes

No

Next Steps

Project Schedule



Next Steps

1. Planning Committee will make additional edits to the Draft Plan based on input from the public and stakeholders
 - Residents are still encouraged to submit any comments to OES or B&L
2. The Draft Plan will be presented to the NYS DHSES and the Planning Committee will finalize the plan based on input from the DHSES.
3. The Planning Committee will submit the plan to DHSES and FEMA
4. Local adoption of the plan by resolution

Contact Us

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Planning Technician
Chautauqua County Office of Emergency Management
(716) 753-4032
wichlacz@chautcofire.org

Jayme Breschard, AICP, CFM
Senior Managing Community Planner
Barton & Loguidice
(585) 325-7190 x2247
jbreschard@bartonandloguidice.com

Andrew Stone
Community Planner I
Barton & Loguidice
(607) 793-0080
astone@bartonandloguidice.com

Chautauqua Co HMP Public Information Meeting #2 (5/17/23) Polling Results

Current run (last updated Jul 14, 2023 8:20am)

5

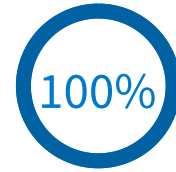
Activities

3

Participants

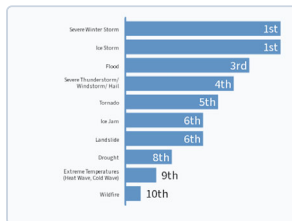
3

Average responses



Average engagement

Based on the list of hazards that were profiled by the County, please rank these hazards from greatest to least impact.



Response options

Rank



Engagement

Severe Winter Storm

1st

Ice Storm

1st

Flood

3rd

Severe Thunderstorm/ Windstorm/ Hail

4th

Tornado

5th

Ice Jam

6th

Landslide

6th

Drought

8th

Extreme Temperatures (Heat Wave, Cold Wave)

9th

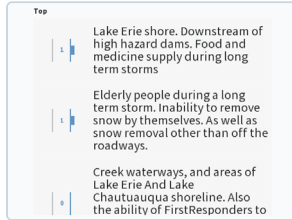
Wildfire

10th

3

Responses

Are there any specific locations, facilities, resources, or people in Chautauqua County that you are most concerned about being impacted by natural hazards?



Responses

Upvotes Downvotes



Engagement

Lake Erie shore.

Downstream of high hazard dams. Food and medicine supply during long term storms

1

0

3

Responses

Elderly people during a long term storm. Inability to remove snow by themselves. As well as snow removal other than off the roadways.

1

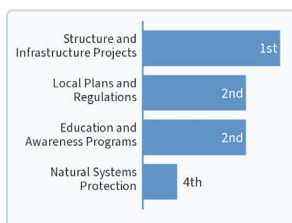
0

Creek waterways, and areas of Lake Erie And Lake Chautauqua shoreline. Also the ability of FirstResponders to communicate and respond due to weather issues.

0

0

Which types of actions do you believe are most likely to mitigate the impacts of hazards in Chautauqua County?



Response options

Rank



Engagement

Structure and Infrastructure Projects

1st

Local Plans and Regulations

2nd

Education and Awareness Programs

2nd

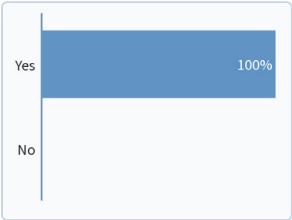
Natural Systems Protection

4th

3

Responses

4. Do you believe that hazard mitigation should be considered by your municipality when it creates other plans or ordinances? (ex: comprehensive plan, zoning amendments)



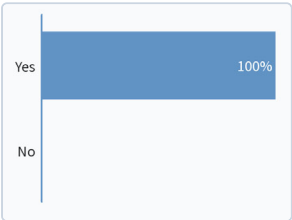
Response options	Count	Percentage
Yes	3	100%
No	0	0%

100%

Engagement

3
Responses

5. Do you believe that hazard mitigation should be prioritized by your community as a way to reduce risk and improve safety?



Response options	Count	Percentage
Yes	3	100%
No	0	0%

100%

Engagement

3
Responses

Notifications to Neighboring Jurisdictions (Chautauqua Co HMP)

Chautauqua County is updating its Hazard Mitigation Plan!

How can you Participate?

Contact your local municipality or Barton & Loguidice at astone@bartonandloguidice.com.

- Learn about the Plan
- Share ideas that can help reduce the risk of hazards

Contact the Office of Emergency Services for information about future public meetings



What is a Hazard Mitigation Plan?

A hazard mitigation plan identifies and evaluates risks and vulnerabilities associated with natural hazards and disasters. This process aims to reduce the loss of life and property by minimizing the impact of natural hazard events. Hazard mitigation planning leads to the development of short-term and long-term strategies to reduce and manage risk. Mitigation strategies identified in an updated hazard mitigation plan may be eligible for grant funding for implementation.

Benefits of Hazard Mitigation

 Protects public safety & prevents loss of life and injury	 Prevents damage to your community's unique assets	 Reduces harm to existing & future development
 Minimizes operational downtime & accelerates recovery	 Reduces the cost of disaster response & the risk of exposure	 Maintains community & strengthens social connections



May 31, 2022

Chautauqua County Office of Emergency Services

2 Academy Street, Suite A, Room 106
Mayville, NY 14757
Phone: (716) 753-4341 • Fax: (716) 753-4363

Paul M. Wendel, Jr.
County Executive

Noel M. Guttman
Director, Emergency Services

Dear Neighboring Jurisdiction:

We invite your municipality to join the Chautauqua County Office of Emergency Services (OES) in kicking off the update to the Chautauqua County Hazard Mitigation Plan (HMP). Local jurisdictions are required to update the HMP every five years to remain eligible for the Federal Emergency Management Agency's (FEMA) pre-disaster and post-disaster mitigation grant programs. Chautauqua County OES received a grant from FEMA to complete this update and is requesting your participation in the planning process.

The Kick-off Meeting for Elected Officials is scheduled for:

Tuesday, June 14, 1:00-2:00pm
Chautauqua County Office of Emergency Services
2 Academy Street, Suite A
Mayville, New York 14757

A Zoom link will be made available if you are unable to participate in-person. We will also be attending the regularly scheduled meeting of the Chautauqua County Town & Village Highway Superintendents Association on Wednesday, June 15 at 11:00 am at the Falconer to promote engagement and encourage participation.

Chautauqua County OES has retained Barton & Loguidice to assist in the HMP update. Please RSVP to Jenny Loewenstein if you are able to join us on Tuesday, June 14: jloewenstein@bartonandloguidice.com or (585) 325-7190 x2227.

By participating and adopting the final HMP, your municipality may be eligible for mitigation funding that can reduce disaster losses and protect life and property from future disaster damages, such as:

- Engineering design and feasibility studies
- Evaluating facilities or areas to determine appropriate mitigation actions
- Conducting hydrologic and hydraulic studies


This is an exciting time to participate in mitigation planning, as efforts will integrate climate considerations and opportunities with the Climate Smart Communities Certification program. We look forward to working with your municipality on this important plan update process.

Sincerely,




Noel M. Guttman, Director
Chautauqua County Office of Emergency Services

Correspondence was also made to the aforementioned jurisdictions of the scheduled virtual public meetings via US Postal and flyers were included, at least 5 per jurisdiction:



Chautauque County
is updating its
Hazard Mitigation Plan

... and we need your participation!




**VIRTUAL PUBLIC
INFORMATIONAL MEETING**
October 17, 2022 | 6:00 pm

Join via Zoom!
<https://bartonandloguidice.zoom.us/j/81185357865>

What is a Hazard Mitigation Plan?

A hazard mitigation plan identifies and evaluates risks and vulnerabilities associated with natural hazards and disasters. This process aims to reduce the loss of life and property by minimizing the impact of natural hazard events. Hazard mitigation planning leads to the development of short-term and long-term strategies to reduce and manage risk. Mitigation strategies identified in an updated hazard mitigation plan may be eligible for grant funding for implementation.





**CHAUTAUQUE COUNTY
HAZARD MITIGATION PLAN
UPDATE**

Scan the QR code to the left to join this workshop meeting.
URL - flowcode.com/p/nnvwtDW8

WHAT IS A HAZARD MITIGATION PLAN?

A hazard mitigation plan identifies and evaluates risks and vulnerabilities associated with natural hazards and disasters. This process aims to reduce the loss of life and property by minimizing the impact of natural hazard events. Hazard mitigation planning leads to the development of short-term and long-term strategies to reduce and manage risk. Mitigation strategies identified in an updated hazard mitigation plan may be eligible for grant funding for implementation.



**LEARN ABOUT
THE PLAN**



**HELP TO BUILD
PARTNERSHIPS**



**SHARE IDEAS THAT
REDUCE HAZARD RISK**



VIRTUAL PUBLIC INFORMATIONAL MEETING II
Wednesday May 17th, 2023
at 6:00PM
(Virtual Only)



The Draft HMP for Chautauque County can be accessed by using the QR code or URL below
CHAUTCOFIRE.ORG/2023MITIGATIONPLAN.HTML

