Sullivan County, New York
Hazard Mitigation Plan

Volume III - Appendices







October 2026

TETRA TECH

Sullivan County, NY - Hazard Mitigation Plan

October 2026
#105S052522

PREPARED FOR

Sullivan County
Division of Planning, Community Development and Environmental Management
County Government Center
100 North Street, PO Box 5012
Monticello, NY 12701

PREPARED BY

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TETRA TECH

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APPENDIX A: ADOPTION RESOLUTION

The Sullivan County and municipal adoption resolutions will be included in this appendix upon receipt of the Federal Emergency Management Agency (FEMA) Approval Pending Adoption (APA) status. Please refer to Chapter 2 (Planning Process) for additional information on plan adoption procedures.

This appendix also includes an example resolution to be submitted by Sullivan County and participating jurisdictions authorizing adoption of the 2026 Sullivan County Hazard Mitigation Plan Update.

Sample Resolution

(LOCAL GOVERNMENT, INCLUDING SPECIAL DISTRICTS), New York

RESOLUTION NO. _____

A RESOLUTION OF THE (LOCAL GOVERNMENT) ADOPTING THE 2026 Sullivan County Hazard Mitigation Plan

WHEREAS the (local governing body) recognizes the threat that natural hazards pose to people and property within (local government); and

WHEREAS the (local government) has prepared a multi-hazard mitigation plan, hereby known as the 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in (local community) from the impacts of future hazards and disasters; and

WHEREAS adoption by the (local governing body) demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE (LOCAL COMMUNITY), New York, THAT:

Section 1. The (local governing body) adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of ____ in favor and ____ against, and ____ abstaining, this _____ day of _____, _____.

By: _____

(print name)

ATTEST: By: _____

(print name)

APPROVED AS TO FORM: By: _____

(print name)

Sullivan
COUNTY CATSKILLS
Mountains of Opportunities

Sullivan County

Certified Copy

Resolution: 309-26

100 North Street
Monticello, NY 12701

File Number: ID-8629 **Enactment Number: 309-26**

To adopt the 2026 Sullivan County Hazard Mitigation Plan, available on the New York State MitigateNY platform online at <https://sullivan2026.mitigateny.org/>

If Resolution requires expenditure of County Funds, provide the following information:
Amount to be authorized by Resolution: N/A
Are funds already budgeted? Choose an item.
If 'Yes,' specify appropriation code(s): Click or tap here to enter text.
If 'No,' specify proposed source of funds: Click or tap here to enter text.
Specify Compliance with Procurement Procedures:

RESOLUTION INTRODUCED BY THE PLANNING AND COMMUNITY RESOURCES COMMITTEE FOR THE COUNTY OF SULLIVAN TO ADOPT THE 2026 SULLIVAN COUNTY HAZARD MITIGATION PLAN

WHEREAS, the Sullivan County Legislature recognizes the threat that hazards pose to people and property within Sullivan County; and

WHEREAS, the Sullivan County Division of Planning has prepared a multi-jurisdictional, multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan, in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, the 2026 Hazard Mitigation Plan is located on New York State's MitigateNY platform online and can be accessed at <https://sullivan2026.mitigateny.org/>; and

WHEREAS, the 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Sullivan County from the impacts of future hazards and disasters; and

WHEREAS, adoption by the Sullivan County Legislature demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan; and

WHEREAS, this plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations; provided that this only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

NOW, THEREFORE, BE IT RESOLVED, that the Sullivan County Legislature adopts the 2026 Sullivan County Hazard Mitigation Plan.

I, , certify that this is a true copy of Enactment Number 309-26, passed by the County Legislature on 9/17/2026.

Attest: 9/18/26

Date Certified

Town of Bethel

Sullivan County, New York
Rita J. Sheehan, CMC/RMC
Town Clerk/Registrar
Records Management Officer/FOIL Officer
(845) 583-4350 ext. 101

A RESOLUTION OF THE TOWN OF BETHEL, SULLIVAN COUNTY, NEW YORK ADOPTING THE 2026 SULLIVAN COUNTY HAZARD MITIGATION PLAN

WHEREAS the Town of Bethel Town Board recognizes the threat that hazards pose to people and property within Town of Bethel; and

WHEREAS the Town of Bethel has prepared a multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Town of Bethel from the impacts of future hazards and disasters; and

WHEREAS adoption by the Town of Bethel Town Board demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED that the Town of Bethel Town Board hereby adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

Motion by: Council Member Wendy E. Brown
Seconded by: Council Member William Crumley

ADOPTED by a vote of 5 ayes and 0 nays against this 23rd day of September 2026 upon a roll call vote:

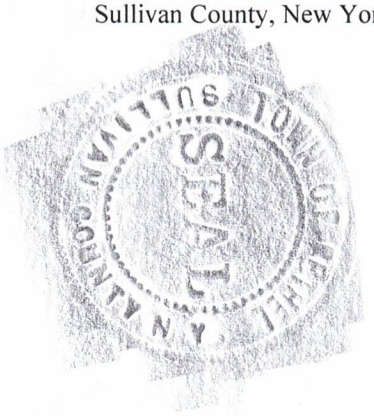
William Crumley	Aye
Bernard Cohen	Aye
Daniel Sturm	Aye
Adam Gold	Aye
Wendy E. Brown	Aye

State of New York
County of Sullivan County
Office of the Clerk of the
Town of Bethel

This is to certify that I, Rita J. Sheehan, Town Clerk of the Town of Bethel in the said County of Sullivan, have compared the foregoing copy of Resolution to adopt the Sullivan County Hazard Mitigation Plan adopted by the Town of Bethel Town Board on September 23, 2026 with the original now on file in this office, and that the same is a correct and true transcript of such original and the whole thereof.

In Witness Whereof, I have hereunto set my hand and affixed the seal of said Town this 4th day of September 2026.

Rita J. Sheehan
Town Clerk of the Town of Bethel
Sullivan County, New York



3454 Route 55, P.O. Box 300, White Lake, NY 12786
Town Website: www.townofbethelny.gov Email: townclerk@townofbethelny.gov
Fax: (845) 583-4710
Facebook: Town of Bethel New York

TOWN OF CALLICOON, New York

RESOLUTION NO. 11

A RESOLUTION OF THE TOWN OF CALLICOON ADOPTING THE 2026 Sullivan County Hazard Mitigation Plan

WHEREAS the TOWN OF CALLICOON BOARD recognizes the threat that hazards pose to people and property within TOWN OF CALLICOON; and

WHEREAS the TOWN OF CALLICOON has prepared a multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in TOWN OF CALLICOON from the impacts of future hazards and disasters; and

WHEREAS adoption by the TOWN OF CALLICOON BOARD demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE TOWN OF CALLICOON, New York, THAT:

Section 1. The TOWN OF CALLICOON BOARD officially adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of 4 in favor and ~~0~~ against, and ~~0~~ abstaining, this 13th day of October, 2026. (1) Absent / (4) in favor

By: Thomas R. Bosa

(print name)

ATTEST: By: Kim Klein Kim Klein

(print name)

APPROVED AS TO FORM: By: Kim Klein Kim Klein

(print name)

Town of Delaware, New York

RESOLUTION NO. 72
A RESOLUTION OF THE Town of Dealware ADOPTING THE 2026 Sullivan County Hazard Mitigation Plan

WHEREAS the Town Board of the Town of Delaware recognizes the threat that hazards pose to people and property within the Town of Delaware; and

WHEREAS the Town of Delaware has prepared a multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Town of Delaware from the impacts of future hazards and disasters; and

WHEREAS adoption by the Town Board of the Town of Delaware demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Town of Delaware, New York, THAT:

Section 1. The Town Board of the Town of Delaware hereby adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

Moved: Councilperson Steppich
Seconded: Councilperson Mullally
ADOPTED by a vote of 4 in favor and 0 against, and 1 absent, this 14 day of October, 2026.

STATE OF NEW YORK)
) ss.:
COUNTY OF SULLIVAN)

I, LEILA MCCULLOUGH, Town Clerk of the Town of Delaware, Sullivan County, do hereby certify that I have compared the foregoing copy of a resolution from proceedings of the Town Board of the Town of Delaware with the original thereof now on file in the Office of the Town of Delaware, 104 Main Street, Hortonville, New York, 12745, and that the same is a true and correct transcript therefrom and of the whole of said original.

WITNESS my hand and seal of said Town of Delaware this 15th day of October, 2026.

TOWN OF DELAWARE TOWN SEAL SULLIVAN COUNTY, N.Y.

Leila McCullough
Town of Delaware Town Clerk

Paula Grogan
Town of Fallsburg
Town Clerk, Tax Collector, Registrar
RMO, FOIL Officer & Notary Public
townclerk@fallsburgny.gov

Town of Fallsburg
P.O. Box 2019, 19 Railroad Plaza
South Fallsburg, New York 12779
(P) (845) 434-8810 ext. 1
www.townoffallsburg.gov

RESOLUTION NO. 64 OF 2026
A RESOLUTION OF THE TOWN OF FALLSBURG
ADOPTING THE 2026 SULLIVAN COUNTY HAZARD MITIGATION PLAN

WHEREAS, the Town Board recognizes the threat that hazards pose to people and property within the Town of Fallsburg; and

WHEREAS, the Town of Fallsburg has prepared a multi-hazard mitigation plan, hereby known as the 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, the 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Town of Fallsburg from the impacts of future hazards and disasters; and

WHEREAS, adoption by the Town Board demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan, the Executive Summary is attached and incorporated by reference; and

WHEREAS, this action is a Type II action pursuant to the New York State Environmental Review Act (SEQRA) pursuant to 6 NYCRR § 617.5(c)(26): routine or continuing agency administration and management, except new programs or major reordering of priorities that may affect the environment and 6 NYCRR § 617.5(c)(27): preliminary planning, studies, and budgetary processes that do not commit the agency to undertake, engage in, or approve an action, and of no significant impact on the environment and further action to implement any plan shall be subject to further review under SEQRA.

NOW THEREFORE, BE IT RESOLVED BY THE Town of Fallsburg, New York, that:

1. All Whereas provisions are incorporated by reference;
2. In accordance with Article I of the Town of Fallsburg Code, State and Federal Law, Rules and Regulations, the Town of Fallsburg adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

The question of the adoption of the foregoing Resolution was duly put to a vote on roll call, as follows:

ROLL CALL VOTE

MOTION BY: **Councilperson Michael Bensimon**
SECOND BY: **Councilperson Arnold Seletsky**

Board Member	Yea	Nay	Abstain	Absent
Supervisor Nathan Steingart	[X]	[ ]	[ ]	[ ]
Deputy Supervisor Jeff Wiener	[X]	[ ]	[ ]	[ ]
Councilperson Miranda Behan	[X]	[ ]	[ ]	[ ]
Councilperson Michael Bensimon	[X]	[ ]	[ ]	[ ]
Councilperson Arnold Seletsky	[X]	[ ]	[ ]	[ ]

Adopted by the Town of Fallsburg Town Board on the 16th day of September, 2026

The Resolution was thereupon duly adopted.

CERTIFIED TRUE COPY
I, Paula Grogan, Town Clerk of the Town of Fallsburg, hereby certify that the foregoing is a full, true, and accurate copy of a resolution duly and regularly adopted by the governing body of the municipality, at a meeting duly and regularly held on September 16, 2026, at which quorum was present throughout, and the required majority of the governing body voted in favor of this resolution. I further certify that this resolution remains in full force and effect, and has not been revoked or modified.

Dated: September 16, 2026

Paula Grogan

Paula Grogan, Town of Fallsburg Town Clerk

(Town Seal)

TOWN OF FORESTBURGH, NEW YORK

RESOLUTION NO. 3

A RESOLUTION OF THE TOWN OF FORESTBURGH ADOPTING THE 2026 SULLIVAN COUNTY HAZARD MITIGATION PLAN

WHEREAS, the Town Board recognizes the threat that hazards pose to people and property within Town of Forestburgh; and

WHEREAS, the Town of Forestburgh has prepared a multi-hazard mitigation plan, hereby known as the 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Town of Forestburgh from the impacts of future hazards and disasters; and

WHEREAS, adoption by the Town Board demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Town of Forestburgh, New York, THAT:

Section 1. In accordance with local rule for adopting resolutions, the Town Board adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

The question of the adoption of the foregoing resolution was duly put to a vote roll call, as follows:

ROLL CALL VOTE

Supervisor Hogue	Aye
Councilperson Ellsweig	Aye
Councilperson Lanis	Aye
Councilperson Galligan	Aye
Councilperson Sipos	Aye

Adopted by the Town of Forestburgh Town Board on the 1st day of October 2026

The resolution was thereupon duly adopted.

TOWN CLERK CERTIFCATION

I, the undersigned Town Clerk of the Town of Forestburgh, do hereby certify that the foregoing resolution was duly adopted by the Town Board at its meeting held on the 1st day of October 2026, and that the same is true and correct transcript therefrom.

Dated: October 1st, 2026

Forestburgh, New York

Teresa Collins, Town Clerk

Town Of Fremont, New York

RESOLUTION NO. _3_____

A RESOLUTION OF THE TOWN OF FREMONT ADOPTING THE 2026 Sullivan County Hazard Mitigation Plan

WHEREAS the TOWN OF FREMONT recognizes the threat that hazards pose to people and property within TOWN OF FREMONT; and

WHEREAS the TOWN OF FREMONT has prepared a multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in TOWN OF FREMONT from the impacts of future hazards and disasters; and

WHEREAS adoption by the TOWN OF FREMONT BOARD demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE TOWN OF FREMONT, New York, THAT:

Section 1. In accordance with Local Law 1 of 2011, the TOWN OF FREMONT BOARD, adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of 5 in favor and 0 against, and 0 abstaining, this 9th day of September, 2026.

By: Brian Brustman

(print name) Brian Brustman

ATTEST: By: Jody Schanil

(print name) Jody Schanil

APPROVED AS TO FORM: By: Brian Brustman

(print name) Brian Brustman

OCTOBER 8th, 2026– REGULAR BOARD MEETING Page: Vol.

ADOPTION OF 2026 SULLIVAN COUNTY HAZARD MITIGATION PLAN:

Village of Jeffersonville, New York

A RESOLUTION OF THE VILLAGE OF JEFFERSONVILLE ADOPTING THE
2026 Sullivan County Hazard

Mitigation Plan

WHEREAS the Village of Jeffersonville recognizes the threat that hazards pose to people and property within Village of Jeffersonville; and

WHEREAS the Village of Jeffersonville has prepared a multi-hazard mitigation plan, hereby

known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Village of Jeffersonville from the impacts of future hazards and disasters; and

WHEREAS adoption by the Village of Jeffersonville demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Village of Jeffersonville, New York, THAT:
Section 1. In accordance with the code of the Village of Jeffersonville, the Village of Jeffersonville Board adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

Via a motion made by Trustee Kathleen Herbert and seconded by Trustee Brad Haberli resolution was accepted as presented.

Vote: Ayes: 3 Nays: 0 Absent: 2

Certificated: By: Kristen Kitson

TOWN OF LIBERTY
A GREAT PLACE TO WORK, LIVE & PLAY
l.dutcher@townofliberty.org
Laurie Dutcher, Town Clerk *Town Hall, 120 North Main St. Liberty, NY 12754* *(845) 292-5110*

LIBERTY, NEW YORK
RESOLUTION NO. 26-280

A RESOLUTION OF THE TOWN OF LIBERTY ADOPTING
2026 SULLIVAN COUNTY HAZARD MITIGATION PLAN

WHEREAS the LIBERTY TOWN BOARD recognizes the threat that hazards pose to people and property within the TOWN OF LIBERTY; and

WHEREAS the TOWN OF LIBERTY has prepared a multi-hazard mitigation plan, hereby known as the 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the TOWN OF LIBERTY from the impacts of future hazards and disasters; and

WHEREAS adoption by the LIBERTY TOWN BOARD demonstrates its commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE TOWN OF LIBERTY, New York, THAT:

Section 1. In accordance with Article 1 of the Town Code, the LIBERTY TOWN BOARD adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of 5 in favor and 0 against, and 0 abstaining, this 7TH day of October 7, 2026.

TOWN OF LIBERTY
A GREAT PLACE TO WORK, LIVE & PLAY
l.dutcher@townofliberty.org
Laurie Dutcher, Town Clerk *Town Hall, 120 North Main St. Liberty, NY 12754* *(845) 292-5110*

STATE OF NEW YORK
COUNTY OF SULLIVAN
TOWN OF LIBERTY

I, Laurie Dutcher, Town Clerk of the Town of Liberty, Sullivan County, New York, do hereby certify that the foregoing is a true and correct copy of a resolution duly adopted by the Town Board of the Town of Liberty and that said resolution appears upon the official minutes of said Town Board meeting.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Town of Liberty this 7th day of October 2026.

Laurie Dutcher
Laurie Dutcher
Town Clerk, Town of Liberty

VILLAGE OF LIBERTY

RESOLITION #39-2026

A Resolution of the Village of Liberty adopting the 2026 Sullivan County Hazard Mitigation Plan

WHEREAS, the Village of Liberty Board of Trustees recognizes the threat that hazards pose to people and property within Village of Liberty; and

WHEREAS, the Village of Liberty has prepared a multi-hazard plan, hereby know as 2026 Sullivan County Hazard Mitigation Plan in accordance with Disaster Mitigation Act of 2000; and

WHEREAS 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Village of Liberty from the impacts of future hazards and disasters; and

WHEREAS adoption by the Village of Liberty Board of Trustees demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE VILLAGE OF LIBERTY, LIBERTY, NEW YORK THAT:

Section 1. In accordance with majority vote, the Village of Liberty Board of Trustees adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the village, may be edited or amended after submission for review, but will not require the village to re-adopt any further iterations.

Village of Liberty is An Equal Opportunity Provider, and Employer
Complaints of discrimination should be sent to:
USDA Director, Office of Civil Rights, Washington, DC 20250-9410

This only applies to this specific plan and does not absolve the village from updating the plan in 5 years.

Joan Stoddard

Mayor Joan Stoddard
9.3.2026

RESOLUTION #90, 2026

ADOPT THE 2026 SULLIVAN COUNTY HAZARD MITIGATION PLAN

WHEREAS the Town of Lumberland recognizes the threat that hazards pose to people and property within the Town, and

WHEREAS the Town of Lumberland has prepared a multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Town of Lumberland from the impacts of future hazards and disasters; and

WHEREAS adoption by the Town of Lumberland demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Town of Lumberland, New York, that the Town of Lumberland adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

Motion: Councilman Robert King
Second: Councilwoman Zoriana Gingold
Roll Call Vote: 5-0
Supervisor Suzanne Edzenga: Yes
Deputy Supervisor Leigh Sherman: Yes
Councilwoman Zoriana Gingold: Yes
Councilman Robert King: Yes
Councilman Dobrzynski Yes

ADOPTED BY THE TOWN BOARD OF THE TOWN OF UMBERLAND
LAURIE TERRY
TOWN CLERK
SEPTEMBER 9, 2026

Laurie Terry 9/10/2026
Laurie Terry Town Clerk

Karen L. Barclay -Town Clerk

2948 US Route 209, Wurtsboro, NY 12790
845-888-3000 (option 2)
townclerk@mamakating.gov

Town of Mamakating, New York
RESOLUTION OF THE TOWN OF MAMAKATING
Adopting the 2026 Sullivan County Hazard Mitigation Plan

WHEREAS, the Town Board recognizes the threat that hazards pose to people and property within Town of Mamakating; and

WHEREAS, the Town of Mamakating has prepared a multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Town of Mamakating from the impacts of future hazards and disasters; and

WHEREAS, adoption by the Town Board demonstrates the Boards commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan; and

WHEREAS, this action is a Type II action pursuant to the New York State Environmental Review Act (SEQRA) pursuant to 6 NYCRR 617.5 (c) (26): routine or continuing agency administration and management, except new programs or major reordering of priorities that may affect the environment, and 6 NYCRR 617.50 (c) (27): preliminary planning, studies, and budgetary processes that do not commit the agency to undertake, engage in, or approve an action, and of no significant impact on the environment and further action to implement any plan shall be subject to further review under SEQRA.

NOW THEREFORE, BE IT RESOLVED THAT THE Town Board of the Town of Mamakating adopts the 2026 Sullivan County Hazard Mitigation Plan. This Plan may be edited or amended after submission for review, but will not require the Board to re-adopt any further iterations. This resolution applies only to this specific Plan and does not relieve the Board from updating the Plan in 5 years.

Motion by: Deputy Supervisor/Councilman Robbins
Seconded by: Councilman Forthoffer

	Yea	Nay	Abstain	Absent
Supervisor, Peter Goodman	X			
Councilman, Gary Forthoffer	X			
Councilman, Matthew Mordas	X			
Councilman, Robert Rogers	X			
Councilman, James Post	X			
Councilman, Tyler Wood	X			

ADOPTED by the Town of Mamakating Town Board on the 15th day of September, 2026.
The resolution was thereupon duly adopted.

CERTIFIED TRUE COPY
I, Karen L. Barclay, Town Clerk of the Town of Mamakating, hereby certify that the foregoing is a full, true, and accurate copy of a resolution duly and regularly adopted by the governing body of the municipality, at a meeting duly and regularly held on September 15, 2026, at which quorum was present throughout, and the required majority of the governing body voted in favor of this resolution. I further certify that this resolution remains in full force and effect, and has not been revoked of modified.

Dated: September 17, 2026

Karen L. Barclay, Town of Mamakating Town Clerk

RESOLUTION

A meeting of the Village Board of the Village of Monticello, New York was convened on Wednesday, September 2nd, 2026 at 5:30 p.m.

The following Resolution was duly
offered and seconded to wit:

A RESOLUTION OF THE VILLAGE OF MONTICELLO ADOPTING THE 2026 SULLIVAN COUNTY HAZARD MITIGATION PLAN

WHEREAS, the Village of Monticello recognizes the threat that hazards pose to people and property within Village of Monticello; and

WHEREAS, the Village of Monticello has reviewed the multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan, in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, the 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to residents and property in the Village of Monticello from the impacts of future hazards and disasters; and

WHEREAS, the adoption by the Village of Monticello demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE VILLAGE OF MONTICELLO New York, THAT:

Section 1. All "WHEREAS" paragraphs are incorporated herein by reference as though set for in full herein.

Section 2. The Village of Monticello hereby adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan may be edited or amended but does not require the Board to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

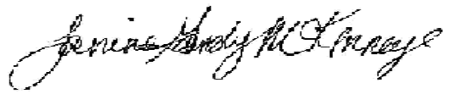
Section 3. This Resolution shall take place effective immediately.

The question of the adoption of the foregoing resolution was duly put to a vote on roll call, which resulted as follows:

	Yea	Nay	Abstain	Absent
Mayor Massey	[x]	[ ]	[ ]	[ ]
Trustee Jenkins	[ ]	[ ]	[ ]	[x]
Trustee Hutchins	[x]	[ ]	[ ]	[ ]
Trustee Davis	[x]	[ ]	[ ]	[ ]
Trustee Barbarite	[x]	[ ]	[ ]	[ ]

The Resolution was there upon duly adopted.

I hereby certify the above resolution was adopted by the Village Board at a meeting held on, Wednesday, September 2nd, 2026



_____

Janine Gandy-McKinney, Village Clerk

TOWN OF NEVERSINK
RESOLUTION NO. 19 OF 2026
ADOPTING 2026 SULLIVAN COUNTY
HAZARD MITIGATION PLAN

WHEREAS, the Town of Neversink recognizes the threat that hazards pose to people and property within the Town of Neversink; and

WHEREAS the Town of Neversink has prepared a multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Town of Neversink from the impacts of future hazards and disasters; and

WHEREAS adoption by the Town of Neversink demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Town of Neversink, New York, **THAT**:
Section 1. The Town of Neversink adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

Moved by: Councilperson Scott Grey
Seconded by: Councilperson Nicole Gorr
Adopted UNANIMOUSLY by VOTE: AYES 5 NAYS 0 ABSENT 0.

I, Staci Conjura, Town Clerk of the Town of Neversink, certify that I have compared the foregoing Resolution with the original on file in the office of the Town Clerk and the same is a true and correct copy of such resolution and of the proceedings of the Town Board in connection with such matter.

Dated: September 10, 2026
Town of Neversink
Grahamsville, NY

Staci Conjura, Town Clerk

P.O. BOX 195
210 BRIDGE STREET
NARROWSBURG, NY 12764
WWW.TOWNOFTUSTEN.ORG
O: (845)252-7146

OFFICE OF THE TOWN CLERK

September 18th 2026

To whom it may concern,
Please take notice that at the September 8th 2026 Regular Meeting of the Tusten Town Board, the following resolution was offered and approved:

ADOPTION OF THE 2026 SULLIVAN COUNTY HAZARD MITIGATION PLAN

On motion of Supervisor Bernard Johnson, seconded by Councilman Greg Triggs the following resolution was,

WHEREAS the Town of Tusten Town Board recognizes the threat that hazards pose to people and property within Tusten, New York; and

WHEREAS the Town of Tusten has prepared a multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Town of Tusten from the impacts of future hazards and disasters; and

WHEREAS adoption by the Tusten Town Board demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Town of Tusten, New York, THAT:

Section 1. In accordance with (local rule for adopting resolutions), the Tusten Town Board adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

Supervisor Bernard Johnson	**AYE**
Councilwoman Cass Collins	**AYE**
Councilman Bruce Gettel	**AYE**
Councilman Kevin McDonough	**AYE**
Councilman Greg Triggs	**AYE**

STATE OF NEW YORK)
) ss.:
COUNTY OF SULLIVAN)

I, Crystal Weston, Town Clerk of the Town of Tusten, Sullivan County, do hereby certify that I have compared the foregoing copy of a resolution from proceedings of the Town Board of the Town of Tusten with the original thereof now on file in the Office of the Town of Tusten, 210 Bridge Street,

P.O. BOX 195
210 BRIDGE STREET
NARROWSBURG, NY 12764
WWW.TOWNOFTUSTEN.ORG
O: (845)252-7146

OFFICE OF THE TOWN CLERK

Narrowsburg, New York, 12764, and that the same is a true and correct transcript therefrom and of the whole of said original.

WITNESS my hand and seal of said Town of Tusten this 18th day of September 2026.

Crystal Weston,
Town of Tusten, Town Clerk

SEAL

Village of Wurtsboro, New York

RESOLUTION 14 of 2026

A RESOLUTION OF THE Village of Wurtsboro ADOPTING THE 2026 Sullivan County Hazard Mitigation Plan

WHEREAS the Village of Wurtsboro recognizes the threat that hazards pose to people and property within Village of Wurtsboro; and

WHEREAS the Village of Wurtsboro has prepared a multi-hazard mitigation plan, hereby known as 2026 Sullivan County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS 2026 Sullivan County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Village of Wurtsboro from the impacts of future hazards and disasters; and

WHEREAS adoption by the Village of Wurtsboro demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2026 Sullivan County Hazard Mitigation Plan.

BE IT FURTHER RESOLVED BY THE Village of Wurtsboro, New York, THAT:

Section 1. In accordance with Village Law § 9-900 and Municipal Home Rule Law § 20, the Village of Wurtsboro adopts the 2026 Sullivan County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

NOW, upon Motion by Trustee Corrigan, and Seconded by Trustee Krupp, this Resolution be and hereby is adopted by vote 3 in favor, 0 opposed, and 0 abstentions, this 5th day of October 2026, by Order of the Village of Wurtsboro Village Board.

	Yes	No	Abstained	Absent
Mayor, Frank Sisco	X			
Trustee, Charles Corrigan	X			
Trustee, Frank Krupp	X			

STATE OF NEW YORK: COUNTY OF SULLIVAN

I certify the above Resolution was passed at a Regular Meeting of the Village of Wurtsboro Board of Trustees October 5, 2026.

CMC, RMC, CMFO

Gina Langowsky, CMC, RMC, CMFO
Village Clerk/Treasurer

APPENDIX B: MEETING DOCUMENTATION

Appendix B includes meeting agendas, slides, and minutes (where applicable and available) for meetings convened during the development of the 2026 Sullivan County Hazard Mitigation Plan Update.

SULLIVAN COUNTY HAZARD MITIGATION PLAN
Steering Committee Kick-Off Meeting
November 13, 2025 at 10:00 AM

1 Introductions

2 Hazard Mitigation Overview
- Purpose and expected outcomes of the Hazard Mitigation Plan

3 Project Organization
- Project Management Team
- Steering Committee
- Planning Partnership
- Stakeholders
- FEMA

4 Planning Process Overview
- Phase 1 – Organize Resources
- Phase 2 – Risk Assessment
- Phase 3 – Public Outreach
- Phase 4 – Capability and Mitigation Strategy
- Phase 5 – Assemble the Plan
- Phase 6 – Plan Maintenance
- Phase 7 – Plan Review and Adoption

5 Jurisdictional Annexes

6 Project Schedule
- Overview and Milestones
- Meeting Schedule

7 Questions/Next Steps/Discussion

Sullivan County, NY – Hazard Mitigation Plan 2026 Update
Steering Committee Kick-off Meeting | Meeting Minutes

Purpose of Meeting:	Steering Committee Kick-Off Meeting
Location of Meeting:	Teleconference
Date of Meeting:	November 13, 2025 @ 10:00 AM

Attendees:

- **Sullivan County Division of Planning**
  - Heather Brown, Commissioner
  - Justin Rocque, Planner
- **Sullivan County Department of Public Safety**
  - John Hauschild, Deputy Commissioner/Fire Coordinator
  - Charlie Rampe, Chief Dispatcher
- **Sullivan County Health and Human Services**
  - John Liddle, Commissioner
- **DHSES**
  - Kevin Clapp, Hazard Mitigation Planning Supervisor
  - Michael Tarasoff, Hazard Mitigation Planning Manager
- **Tetra Tech**
  - Jessica Stokes, Project Manager
  - Emily Vassallo, Lead Planner

Agenda Summary: The purpose of the meeting was to introduce the Steering Committee and contract consultant, provide an overview of the hazard mitigation planning process, and to begin the information gathering processes and update the hazards of concern.

Item No.	Description	Action item(s):
1	**Introductions** • Each person on the call was asked to include their name, title, and affiliation in the meeting chat.	-
2	**Hazard Mitigation Overview** • Mitigation describes actions taken to help reduce or eliminate the long-term risks/damages caused by hazards. • Having an HMP permits eligibility for FEMA pre- and post-disaster grant funding.	-

3	**Project Organization**
	• Made up of the Project Management Team, Steering Committee, Planning Partnership, Stakeholders, DHSES, and FEMA.
	  ○ Project Management Team - made up of the Division of Planning and Tetra Tech. This is a small group that will meet frequently to ensure the project stays on schedule and that we meet all FEMA requirements.
	  ○ Steering Committee - responsible for providing guidance and leadership throughout the planning process. They will actively contribute, review and provide feedback on plan sections, update the plans' goals and objectives, and identify mitigation actions.
	  ○ Planning Partnership – represents the participating jurisdictions. They will attend meetings, provide information, identify mitigation actions, and adopt the HMP.
	  ○ Stakeholders - must be engaged throughout the planning process. At a minimum, this group should include neighboring counties, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia, and other private and nonprofit organizations. We will put together a draft list of stakeholders and ask for your input.
	  ○ DHSES and FEMA - provide guidance to the HMP update and will review/approve the plan.
		-

4	**Planning Process Overview** • The risk assessment provides a basis for policy and helps to identify what is most important to address to increase resiliency. ○ We will be reviewing and updating the Hazards of Concern, updating assets, assessing impacts, and analyzing risks to assets. • 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 are crucial to health and safety of residents.	-

	• Public outreach will occur continually throughout the planning process through social media posts, surveys, and the County website. • Assessing capabilities can lead to the identification of potential mitigation actions, which bolsters the mitigation strategy.	
5	**Jurisdictional Annexes** • Tetra Tech will be sending each participating jurisdiction their annex for a "fill in the blanks" work style. • A problem area survey has been developed to collect the location of known issues within the County and local jurisdictions. • A new development survey has been created to collect known locations of new development and anticipated development in the County and local jurisdictions. • Public, Stakeholder, and Neighboring Community surveys are being finalized to gather information from these important groups to be incorporated into the plan and to identify potential mitigation actions for participating jurisdictions.	**Tetra Tech** • Email annexes to each participating jurisdiction **Steering Committee** • Complete and submit annex by 12/19/25
6	**Project Schedule** • Kick-Off Project – November 2025 (Today!) • Data Collection – collect GIS data in November 2025, but data collection from Planning Partnership through February 2026 • Finalize Goals – December 2025 • Review 2021 Actions – December 2025 • Identify Actions – January 2026 • Draft Plan – March 2026 • Draft to DHSES – April 2026 • Draft to FEMA – June 2026	-
7	**Next Steps** • Complete and submit New Development Survey123 by November 26, 2025 • Complete Goals Survey – June 27, 2025 • Complete and submit Jurisdictional Annex – December 19, 2025 • Complete and submit Problem Areas Survey123 by January 31, 2026 • Complete and submit Public Survey by January 31, 2026 • Complete and submit Stakeholder Survey by January 31, 2026	-
8	**Questions/Discussion** • Heather states that there are facilities that serve the population with special needs and that they would be good to engage. Center For Discovery, New Hope, etc. • John Hauschild states that an elopement drill was done at the Center For Discovery that included a plethora of County entities. The area around the center is a concern because some individuals with autism enjoy being near water bodies. • Michael (DHSES) stated that it would be good to reach out to Libraries close to the county for additional outreach.	**Tetra Tech** • Send question of known additional vulnerable population out to SC. • Send survey out about the hazards of concern and additional surveys



TETRA TECH

Sullivan COUNTY CATSKILLS
Mountains of Opportunities

Sullivan County Hazard Mitigation Plan 2026 Update

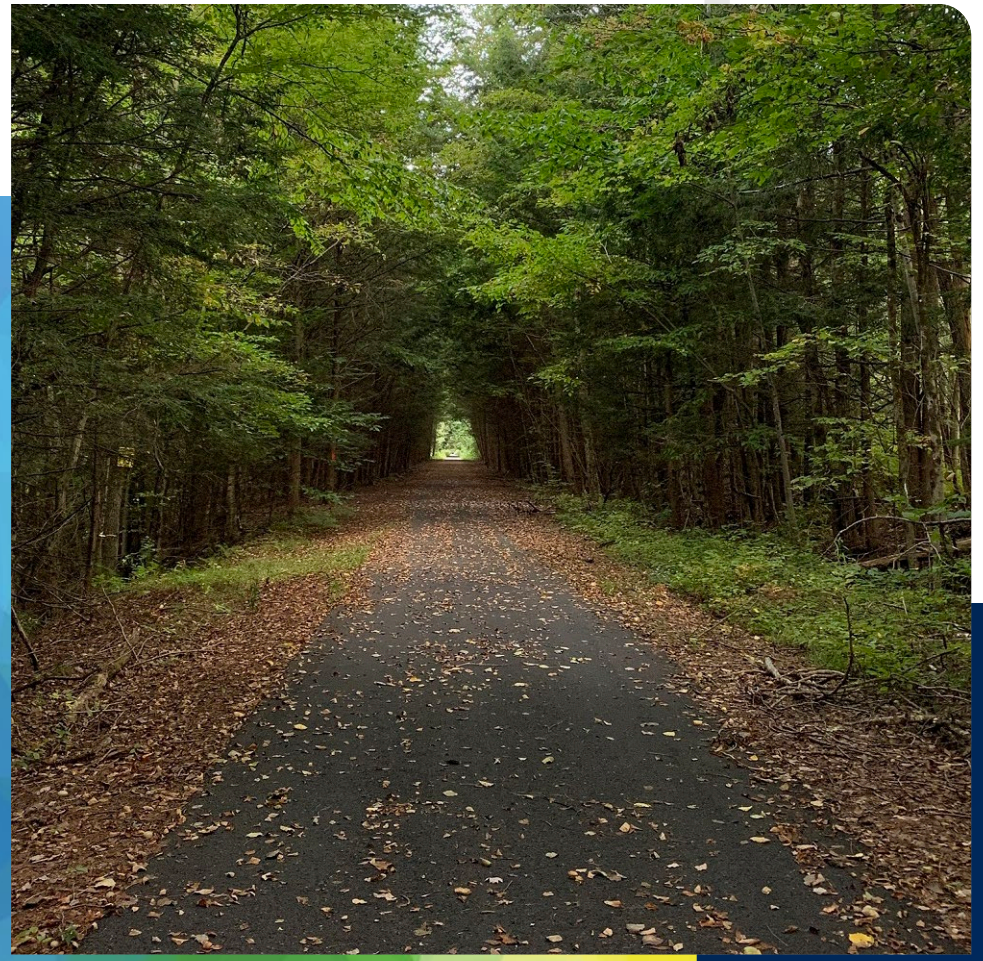
Steering Committee Kick-Off Meeting

November 13, 2025

Please sign in using the chat (name, title, jurisdiction). Thank you!

Today's Agenda

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



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 the County.

Hazard Mitigation Planning Overview



- ✓ 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 is the process?

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-

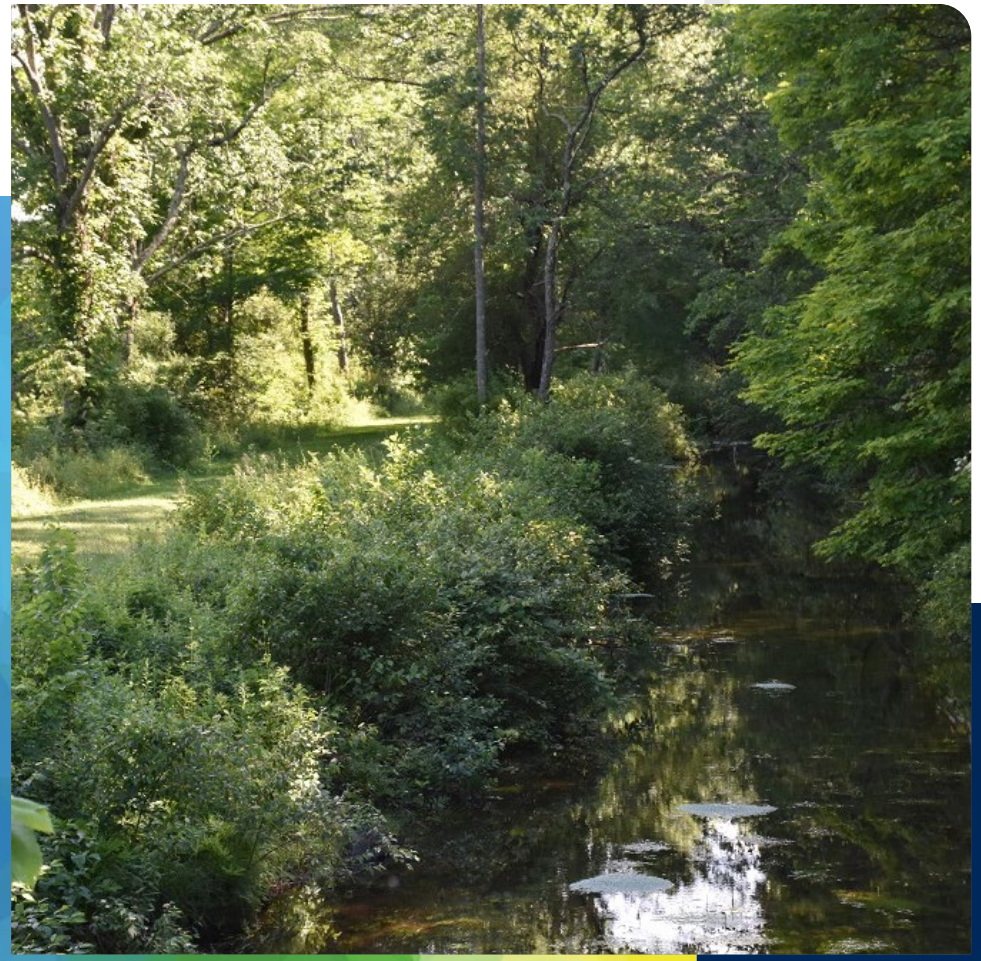
Any action taken to reduce future disaster losses



"…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
  - Incorporate FEMA requirements
- Why are we updating?
  - Nature and frequency of hazards can change over time
  - Population growth and changes in development
  - New and updated data
  - Regulatory requirements



Planning Process Overview

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

Planning Process Overview



Phase 1 – Organize and Review

Project Management Team
Sullivan County Planning
Tetra Tech

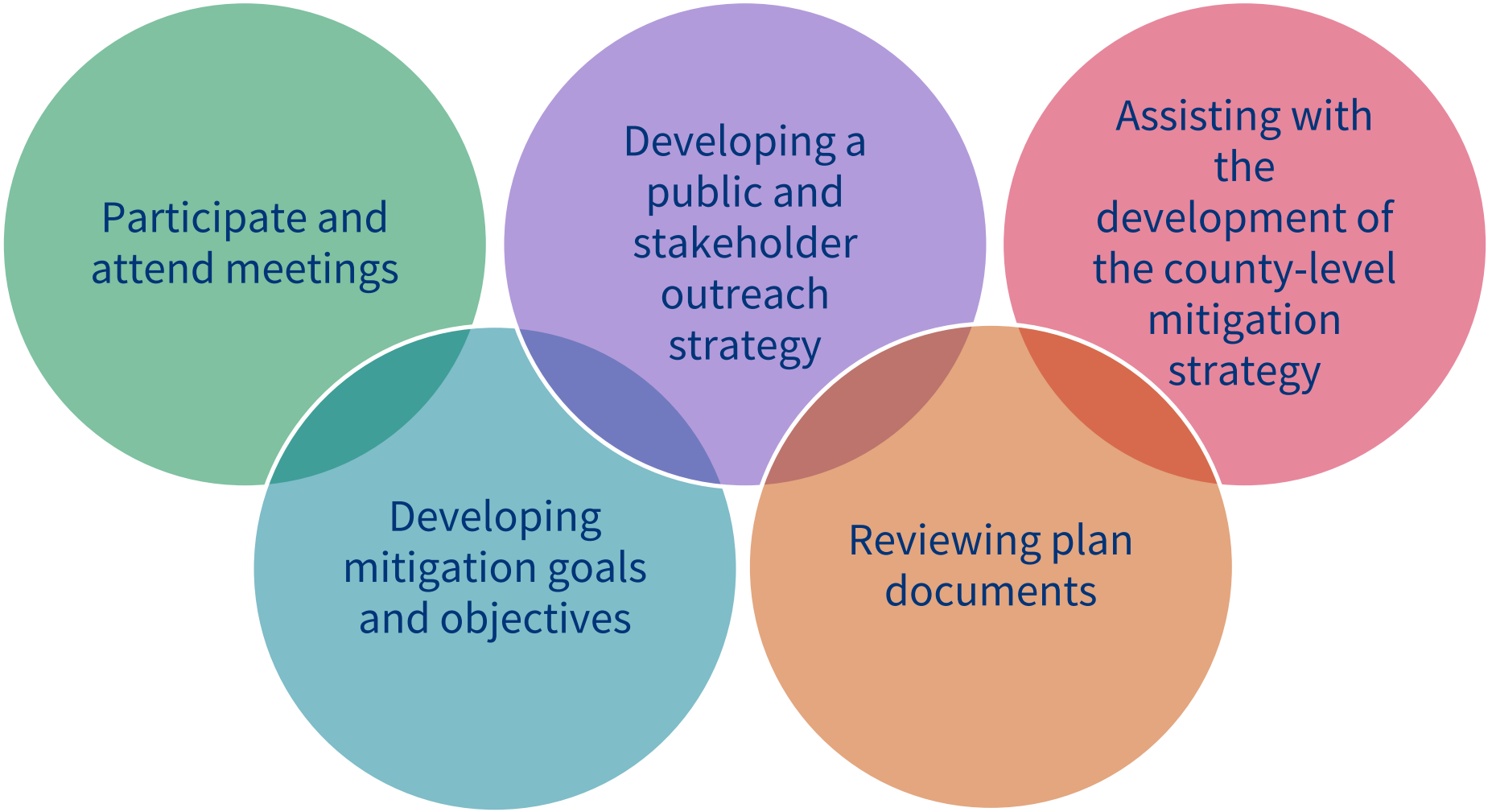
Steering Committee

Planning Partnership

Stakeholders

FEMA and DHSES

Steering Committee Roles and Responsibilities



Data Collection

- **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**.



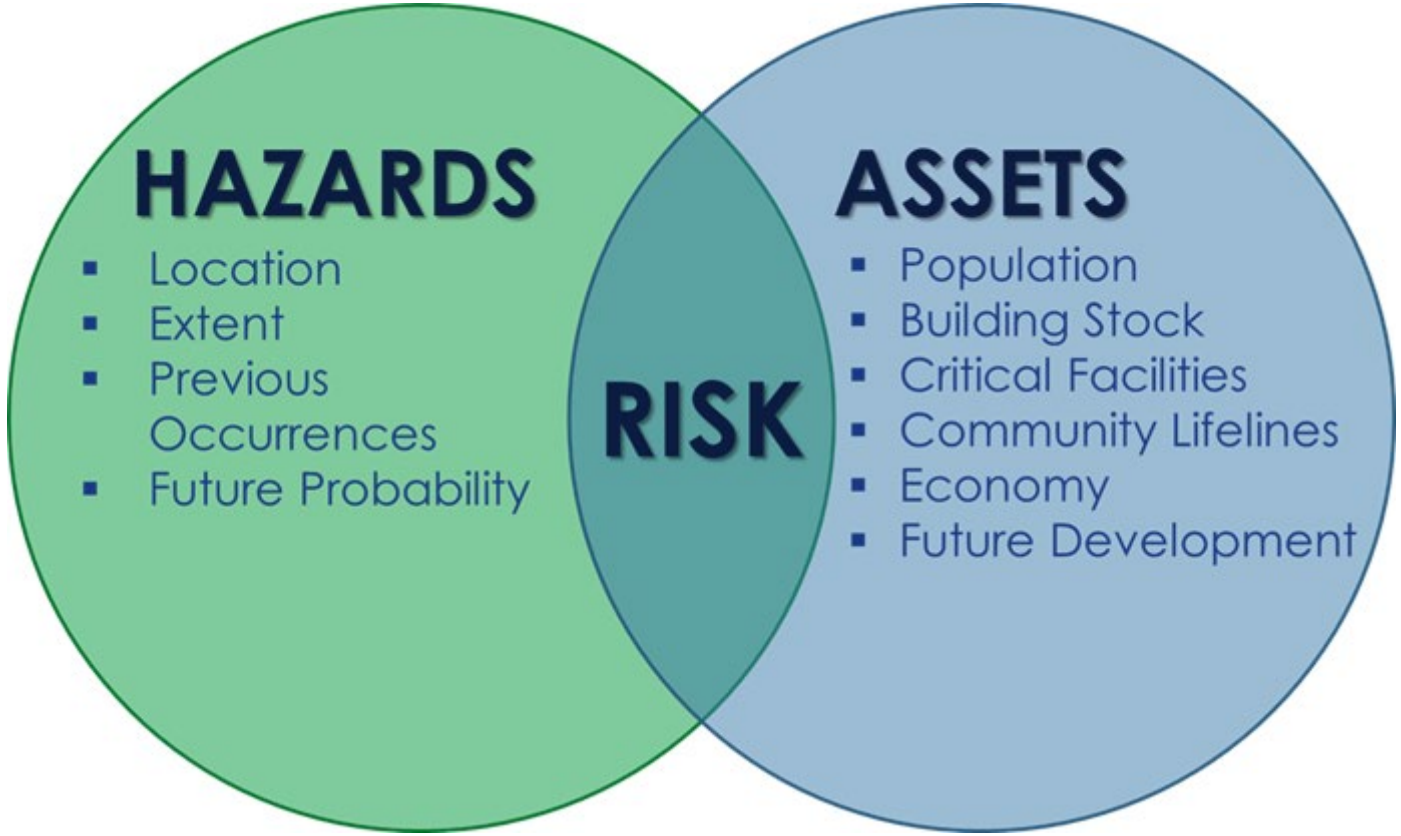
Data Collection

- **Identify high risk populations**
  - How will we incorporate high risk populations in the County?
  - Need to include throughout the planning process – outreach, risk assessment, mitigation strategy, etc.

- **Stakeholders are individuals or groups that a mitigation action or policy affects. This can include:**



Phase 2 - 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

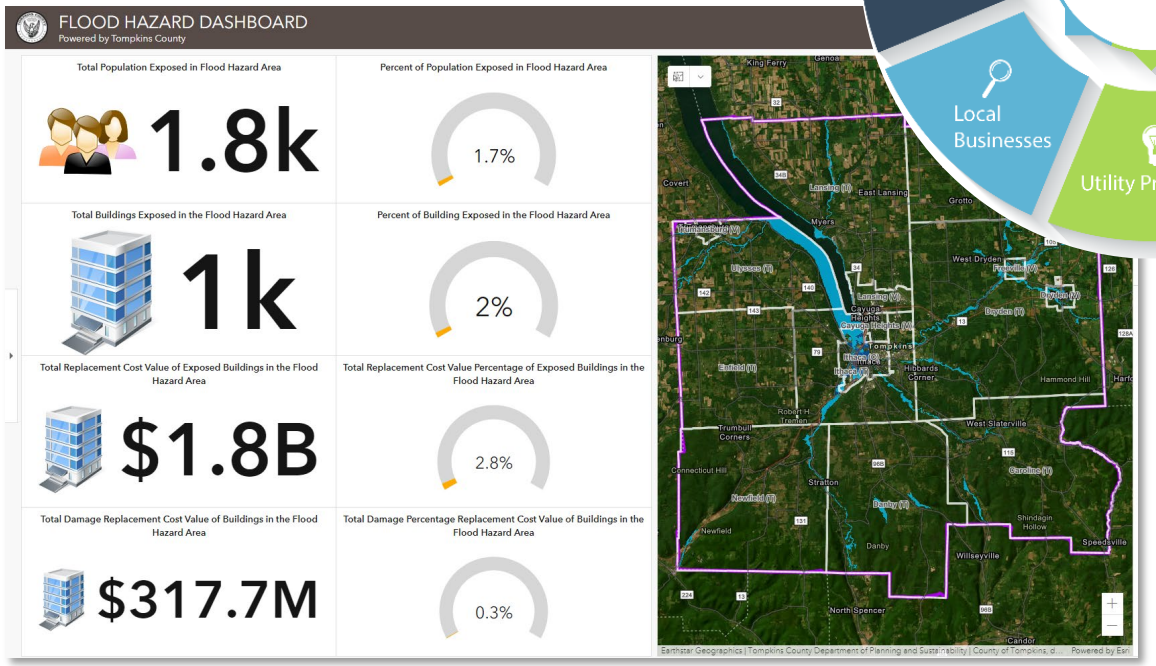
Hazards of Concern

- Drought
- Flood
- Severe Storm
- Dam Failure
- Landslide
- Severe Winter Storm
- Earthquake
- Pandemic
- Wildfire

Phase 3 – Public Outreach Strategy

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





Phase 4 – Update the Mitigation and Community Resilience Actions

- 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

Regulatory

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

Operational and Administrative

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

Funding

- Funding sources that may be used to fund mitigation projects.

Education/Outreach

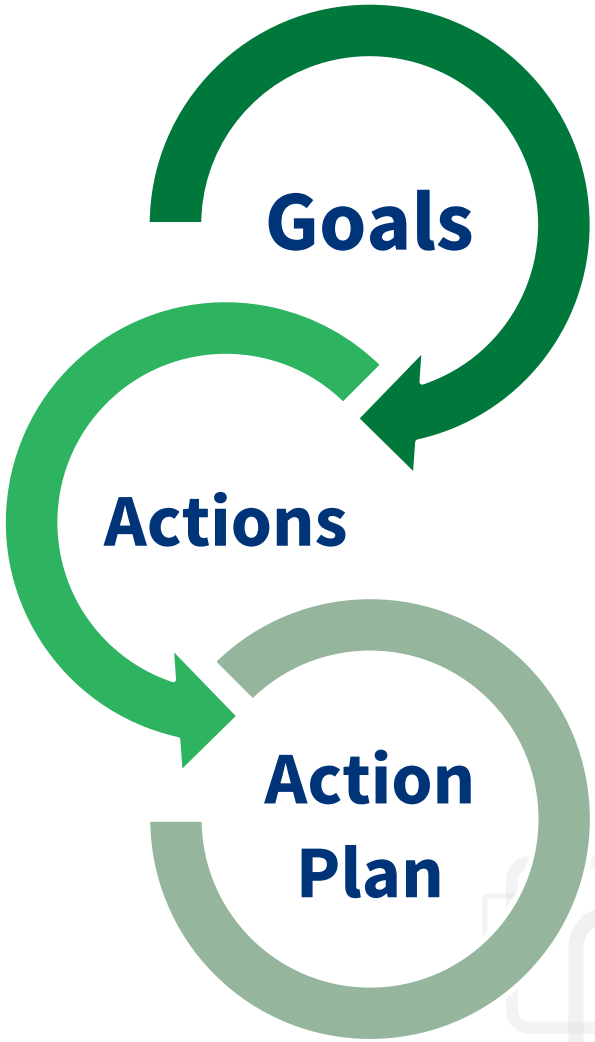
- Current action the County is taking to integrate mitigation in their outreach and notifications to residents.

Adaptive Capacity

- Review the County's adaptive capacity to deal with the potential impacts of future changing conditions.

Mitigation Strategy

- Review 2021 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!
  - Two actions required per jurisdiction.



Goals and Objectives – Review and Update

Goal Number	2021 Goal
G-1	Promote a comprehensive countywide hazard mitigation program that includes coordination among county departments, Sullivan County jurisdictions and federal, state, and local organizations.
G-2	Protect lives and existing property, including all populations vulnerable to hazards and vulnerable public, historic, and private structures, and critical facilities and infrastructure.
G-3	Increase awareness of hazard risk and mitigation capabilities among stakeholders, citizens, elected officials, and property owners to enable the successful implementation of mitigation strategies.
G-4	Encourage the development and implementation of long-term, cost effective, and resilient mitigation projects to preserve or restore the functions of natural systems.
G-5	Build stronger by promoting mitigation actions that emphasize sustainable construction and design measures to reduce or eliminate the impacts of natural hazards now and in the future.
Suggested G-6	Address long-term vulnerabilities from high hazard potential dams and at-risk dams.
Additional Goals?	

Phase 5 – Plan Maintenance

- Develop a game plan for maintaining the 2026 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 2026 mitigation actions?

Phase 6 – Assemble the Updated Plan

Volume I – Base Plan	Volume II – Jurisdictional Annexes	Volume III - Appendices
Table of Contents	Introduction	Sample Adoption Resolution
Executive Summary	Annexes	Meeting Documentation
Introduction		Public and Stakeholder Outreach
Planning Process		Participation Matrix
County Profile		Action Worksheet Template
Risk Assessment		Plan Maintenance Tools
Capability Assessment		Critical Facilities and Community Lifelines
Mitigation Strategies		Linkage Procedures (if needed)
Plan Maintenance		DHSES Planning Standards
References		
Acronyms and Definitions		

Phase 7 – Adopt the Plan

- Once FEMA approves the HMP, the County and participating jurisdictions will need to adopt the plan
- Begin plan implementation and integration
- Meet regularly to discuss progress – public outreach, implementation, status of mitigation actions, etc.



Jurisdictional Annexes

Each jurisdiction will need to review and submit information on previous events, capabilities, NFIP administration, recent development, and previous actions.

Jurisdictional Annexes – You are the experts!

Individual Chapter for each Municipality:

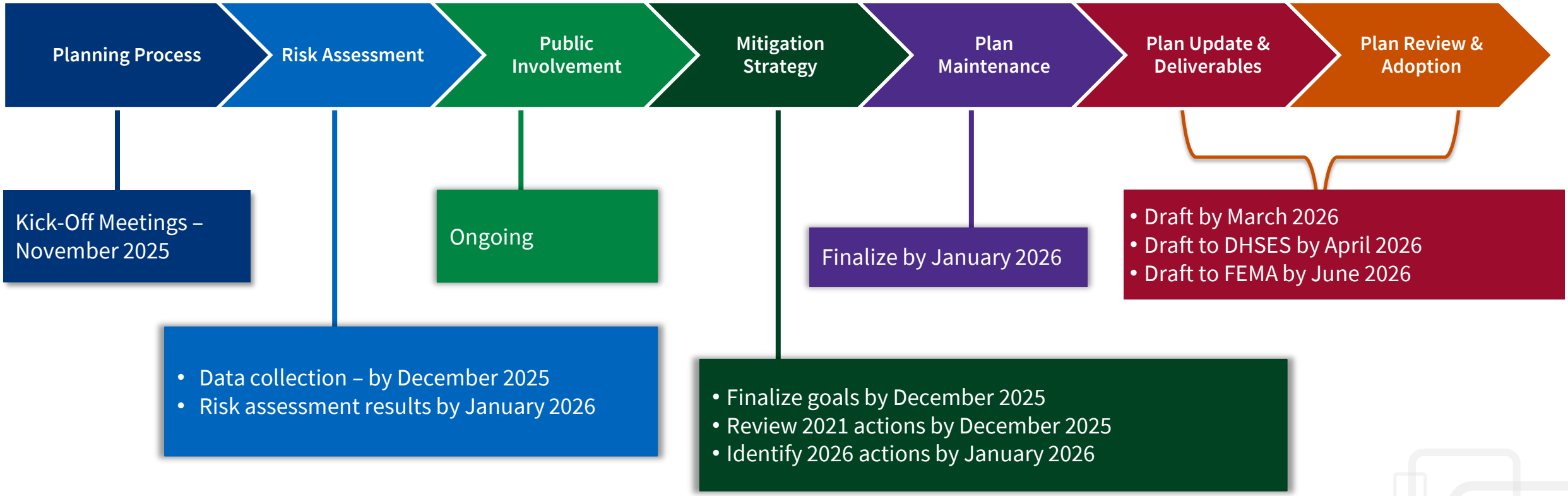
- Combination of data and local knowledge
- **"Fill in the blanks" approach:** Draft is the final product that will be included in the plan
  - Appropriate contributors include elected officials, supervisors, clerks, admins, highway, DPW, code enforcement, soil and water, planning, economic development, engineer, fire, water, emergency management personnel, social services personnel
- **Required** by NYS for plan approval



Project Schedule

Upcoming meetings and key milestones throughout the HMP update process

Schedule


Planning Process
Risk Assessment
Public Involvement
Mitigation Strategy
Plan Maintenance
Plan Update & Deliverables
Plan Review & Adoption
Kick-Off Meetings – November 2025
• Data collection – by December 2025
• Risk assessment results by January 2026
Ongoing
• Finalize goals by December 2025
• Review 2021 actions by December 2025
• Identify 2026 actions by January 2026
Finalize by January 2026
• Draft by March 2026
• Draft to DHSES by April 2026
• Draft to FEMA by June 2026

Next Steps

Item	Date
Complete and submit New Development Survey123	November 26, 2025
Complete Goals Survey	November 28, 2025
Complete and submit Jurisdictional Annex	December 19, 2025
Complete and submit Problem Areas Survey123	January 31, 2026
Complete and submit Public Survey	January 31, 2026
Complete and submit Stakeholder Survey	January 31, 2026



Questions?



Sullivan County Project Contacts

Heather Brown | Commissioner, Division of Planning
(845) 807-0527 | Heather.Brown@sullivanny.gov

Justin Rocque | Planner, Division of Planning
(845) 807-0527 | Justin.Rocque@sullivanny.gov

Tetra Tech Project Contacts

Jessica R. Stokes, MSEM, NJCEM | Project Manager
(973) 630-8017 | Jessica.Stokes@tetratech.com

Emily Vassallo | Lead Planner
(717) 545-3580 | Emily.Vassallo@tetratech.com

Thank You!

SULLIVAN COUNTY HAZARD MITIGATION PLAN
Planning Partnership Kick-Off Meeting
November 13, 2025 at 10:30 AM

1 Introductions

2 Hazard Mitigation Overview
- Purpose and expected outcomes of the Hazard Mitigation Plan

3 Project Organization
- Project Management Team
- Steering Committee
- Planning Partnership
- Stakeholders
- FEMA

4 Planning Process Overview
- Phase 1 – Organize Resources
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- Phase 7 – Plan Review and Adoption

5 Jurisdictional Annexes

6 Project Schedule
- Overview and Milestones
- Meeting Schedule

7 Questions/Next Steps/Discussion

Sullivan County, NY – Hazard Mitigation Plan 2026 Update
Planning Partnership Kick-Off Meeting | Meeting Minutes

Purpose of Meeting:	Planning Partnership Kick-Off Meeting
Location of Meeting:	Teleconference
Date of Meeting:	November 13, 2025 @ 10:30 AM

Attendees:

- **Sullivan County Division of Planning**
  - Heather Brown, Commissioner
  - Justin Rocque, Planner
- **Village of Ateres**
  - Zisha Berger, Village Clerk
- **Village of Bloomingburg**
  - Don Roat, Code Enforcement Officer
- **Town of Highland**
  - Frank Monteleone, Vice Chairman of the Planning Board
- **Town of Liberty**
  - Frank DeMayo, Town Supervisor
- **Town of Mamakating**
  - Kyra Platt, Administrative Specialist for Building, Planning and Zoning Department
  - Megan Comfort, Clerk for Building, Planning, and Zoning Department
  - Kelsey Calhoun, Account Clerk for Building, Planning, and Zoning Department
  - Mary Grass, Code Enforcement Officer
  - Thomas Morrow, Highway Superintendent
- **Village of Wurtsboro**
  - Gina Langowsky, Village Clerk
- **US Army Corps of Engineers**
  - Giovanna Masia, Physical Scientist
  - Maya Dehner
- **DHSES**
  - Kevin Clapp, Supervisor Hazard Mitigation Planning
  - Scott Feuerstein, Hazard Mitigation Planning Manager
  - Michael Tarasof, Hazard Mitigation Planning Manager
- **Tetra Tech**
  - Jessica Stokes, Project Manager
  - Emily Vassallo, Lead Planner

Agenda Summary: The purpose of the meeting was to introduce the Planning Partnership and contract consultant, provide an overview of the hazard mitigation planning process, and to begin the information gathering processes and update the hazards of concern.

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	• Made up of the Project Management Team, Steering Committee, Planning Partnership, Stakeholders, DHSES, and FEMA.
	  ○ Project Management Team - made up of the Division of Planning and Tetra Tech. This is a small group that will meet frequently to ensure the project stays on schedule and that we meet all FEMA requirements.
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		-

	businesses, academia, and other private and nonprofit organizations. We will put together a draft list of stakeholders and ask for your input. ○ DHSES and FEMA - provide guidance to the HMP update and will review/approve the plan.	
4	**Planning Process Overview** • The risk assessment provides a basis for policy and helps to identify what is most important to address to increase resiliency. ○ We will be reviewing and updating the Hazards of Concern, updating assets, assessing impacts, and analyzing risks to assets. • 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 are crucial to health and safety of residents. • Public outreach will occur continually throughout the planning process through social media posts, surveys, and the County website. • Assessing capabilities can lead to the identification of potential mitigation actions, which bolsters the mitigation strategy.	-
5	**Jurisdictional Annexes** • Tetra Tech will be sending each participating jurisdiction their annex for a "fill in the blanks" work style. • A problem area survey has been developed to collect the location of known issues within the County and local jurisdictions. • A new development survey has been created to collect known locations of new development and anticipated development in the County and local jurisdictions. • Public, Stakeholder, and Neighboring Community surveys are being finalized to gather information from these important groups to be incorporated into the plan and to identify potential mitigation actions for participating jurisdictions.	**Tetra Tech** • Email annexes to each participating jurisdiction **Planning Partnership** • Complete and submit annex by 12/19/25
6	**Project Schedule** • Kick-Off Project – November 2025 (Today!) • Data Collection – collect GIS data in November 2025, but data collection from Planning Partnership through February 2026 • Finalize Goals – December 2025 • Review 2021 Actions – December 2025 • Identify Actions – January 2026 • Draft Plan – March 2026 • Draft to DHSES – April 2026 • Draft to FEMA – June 2026	-
7	**Next Steps** • Complete and submit New Development Survey123 by November 26, 2025 • Complete Goals Survey – June 27, 2025 • Complete and submit Jurisdictional Annex – December 19, 2025 • Complete and submit Problem Areas Survey123 by January 31, 2026 • Complete and submit Public Survey by January 31, 2026 • Complete and submit Stakeholder Survey by January 31, 2026	-
8	**Questions/Discussion** • DHSES suggests reaching out to faith-based and community organizations for vulnerable population information. • Mamakating requests link to the 2021 plan and J. Stokes sends a link	**Tetra Tech** • Send question of known additional vulnerable population out to PP. • Send out surveys



TETRA TECH

Sullivan COUNTY CATSKILLS
Mountains of Opportunities

Sullivan County Hazard Mitigation Plan 2026 Update

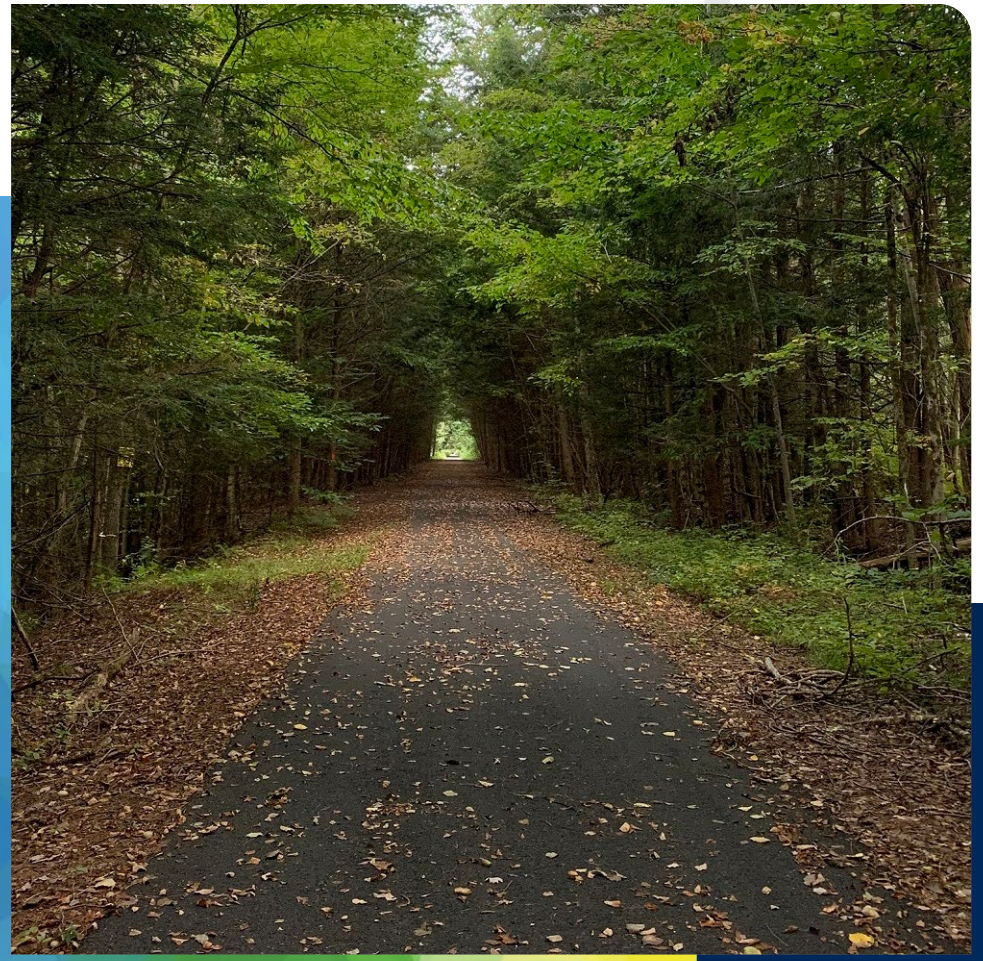
Planning Partnership Kick-Off Meeting

November 13, 2025

Please sign in using the chat (name, title, jurisdiction). Thank you!

Today's Agenda

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



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 the County.

Hazard Mitigation Planning Overview



- ✓ 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 is the process?

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-

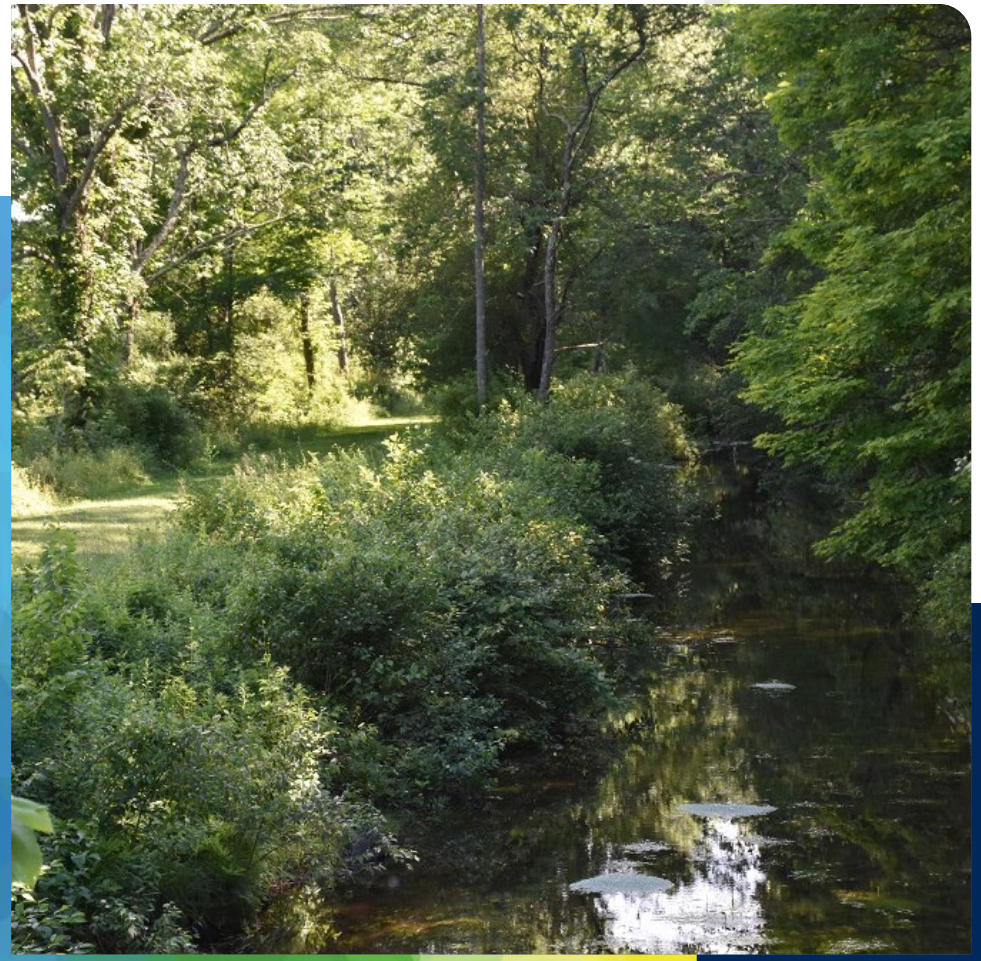
Any action taken to reduce future disaster losses



"…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
  - Incorporate FEMA requirements
- Why are we updating?
  - Nature and frequency of hazards can change over time
  - Population growth and changes in development
  - New and updated data
  - Regulatory requirements



Planning Process Overview

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

Planning Process Overview



Phase 1 – Organize and Review

Project Management Team
Sullivan County Planning
Tetra Tech

Steering Committee

Planning Partnership

Stakeholders

FEMA and DHSES

How Do You Participate?

- Attend meetings/workshops – like this one!
- Provide data and information in a timely manner
- Support public and stakeholder outreach
- Identify mitigation actions
- Review and provide feedback on Draft and Final Plan documents
- Implement and Maintain the Plan

Data Collection

- **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**.



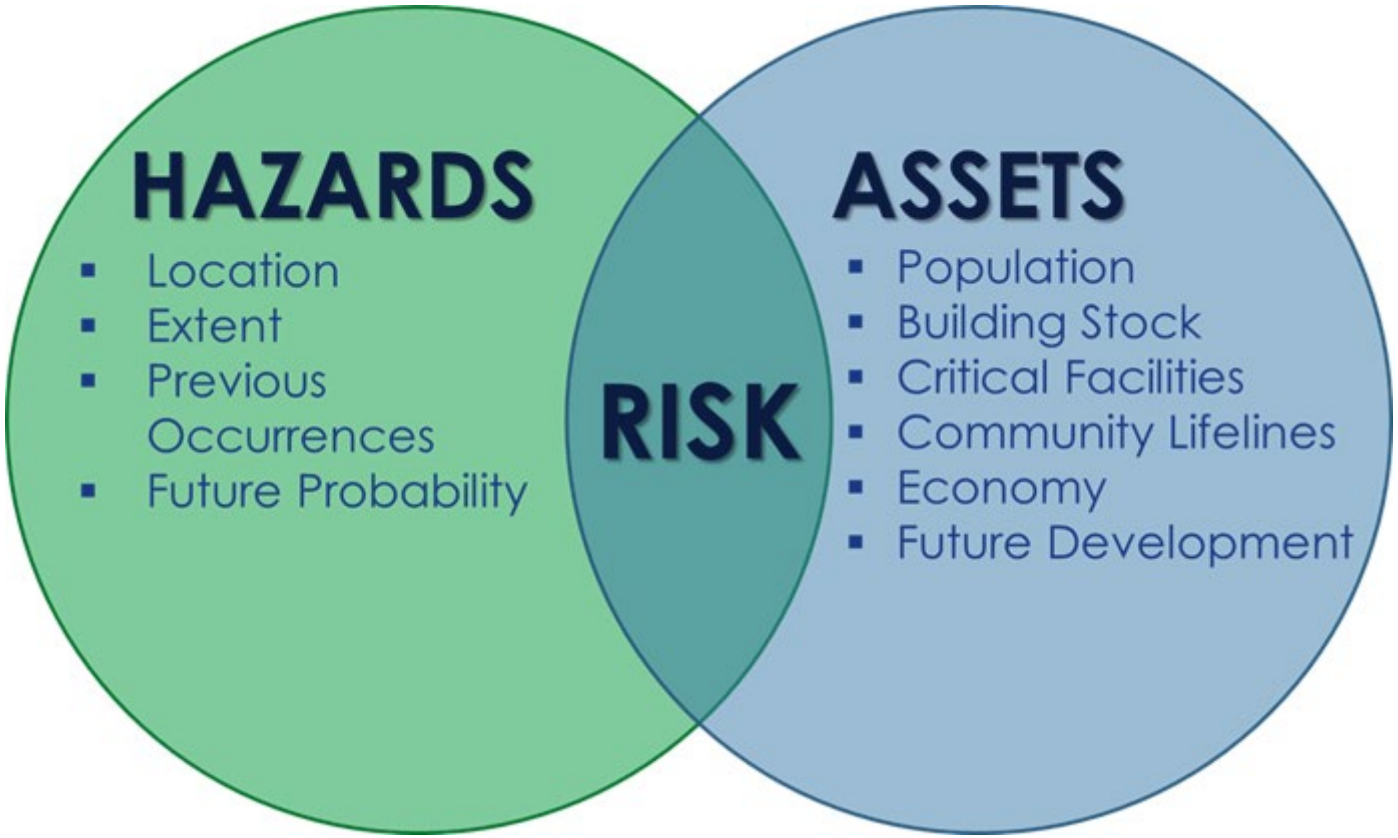
Data Collection

- **Identify high risk populations**
  - How will we incorporate high risk populations in the County?
  - Need to include throughout the planning process – outreach, risk assessment, mitigation strategy, etc.

- **Stakeholders are individuals or groups that a mitigation action or policy affects. This can include:**



Phase 2 - 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

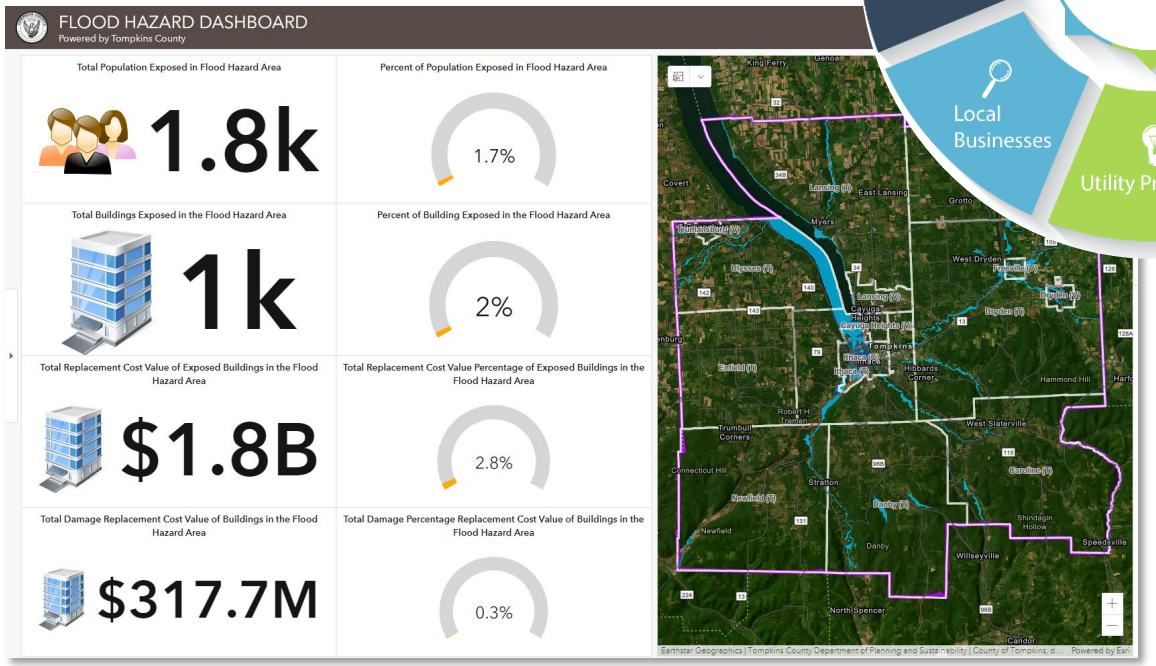
Hazards of Concern

- Drought
- Flood
- Severe Storm
- Dam Failure
- Landslide
- Severe Winter Storm
- Earthquake
- Pandemic
- Wildfire

Phase 3 – Public Outreach Strategy

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





Phase 4 – Update the Mitigation and Community Resilience Actions

- 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

Regulatory

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

Operational and Administrative

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

Funding

- Funding sources that may be used to fund mitigation projects.

Education/Outreach

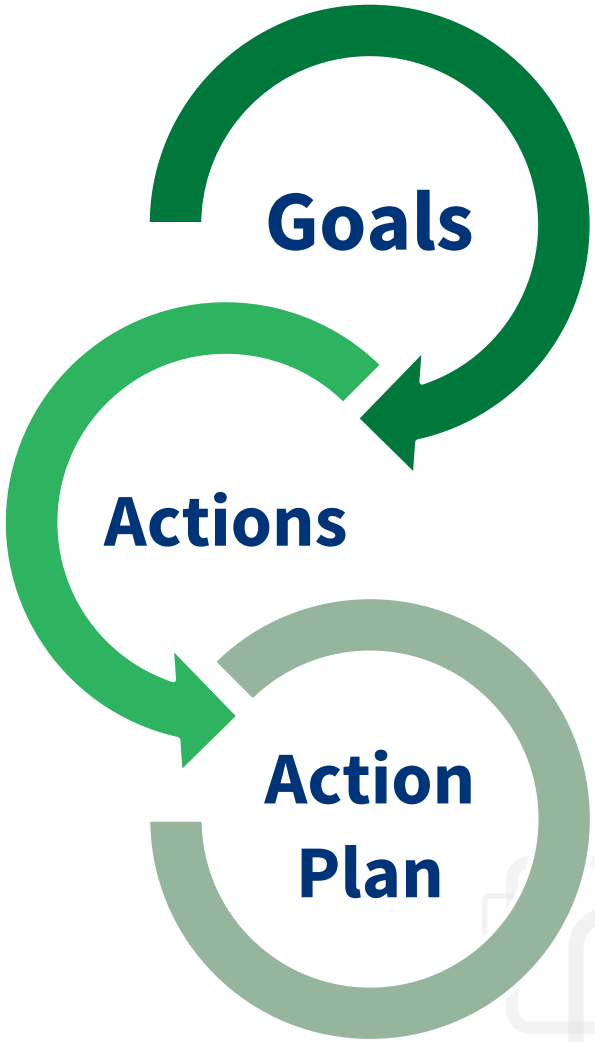
- Current action the County is taking to integrate mitigation in their outreach and notifications to residents.

Adaptive Capacity

- Review the County's adaptive capacity to deal with the potential impacts of future changing conditions.

Mitigation Strategy

- Review 2021 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!
  - Two actions required per jurisdiction.



Goals and Objectives – Review and Update

Goal Number	2021 Goal
G-1	Promote a comprehensive countywide hazard mitigation program that includes coordination among county departments, Sullivan County jurisdictions and federal, state, and local organizations.
G-2	Protect lives and existing property, including all populations vulnerable to hazards and vulnerable public, historic, and private structures, and critical facilities and infrastructure.
G-3	Increase awareness of hazard risk and mitigation capabilities among stakeholders, citizens, elected officials, and property owners to enable the successful implementation of mitigation strategies.
G-4	Encourage the development and implementation of long-term, cost effective, and resilient mitigation projects to preserve or restore the functions of natural systems.
G-5	Build stronger by promoting mitigation actions that emphasize sustainable construction and design measures to reduce or eliminate the impacts of natural hazards now and in the future.
Suggested G-6	Address long-term vulnerabilities from high hazard potential dams and at-risk dams.
Additional Goals?	

Phase 5 – Plan Maintenance

- Develop a game plan for maintaining the 2026 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 2026 mitigation actions?

Phase 6 – Assemble the Updated Plan

Volume I – Base Plan	Volume II – Jurisdictional Annexes	Volume III - Appendices
Table of Contents	Introduction	Sample Adoption Resolution
Executive Summary	Annexes	Meeting Documentation
Introduction		Public and Stakeholder Outreach
Planning Process		Participation Matrix
County Profile		Action Worksheet Template
Risk Assessment		Plan Maintenance Tools
Capability Assessment		Critical Facilities and Community Lifelines
Mitigation Strategies		Linkage Procedures (if needed)
Plan Maintenance		DHSES Planning Standards
References		
Acronyms and Definitions		

Phase 7 – Adopt the Plan

- Once FEMA approves the HMP, the County and participating jurisdictions will need to adopt the plan
- Begin plan implementation and integration
- Meet regularly to discuss progress – public outreach, implementation, status of mitigation actions, etc.



Jurisdictional Annexes

Each jurisdiction will need to review and submit information on previous events, capabilities, NFIP administration, recent development, and previous actions.

Jurisdictional Annexes – You are the experts!

Individual Chapter for each Municipality:

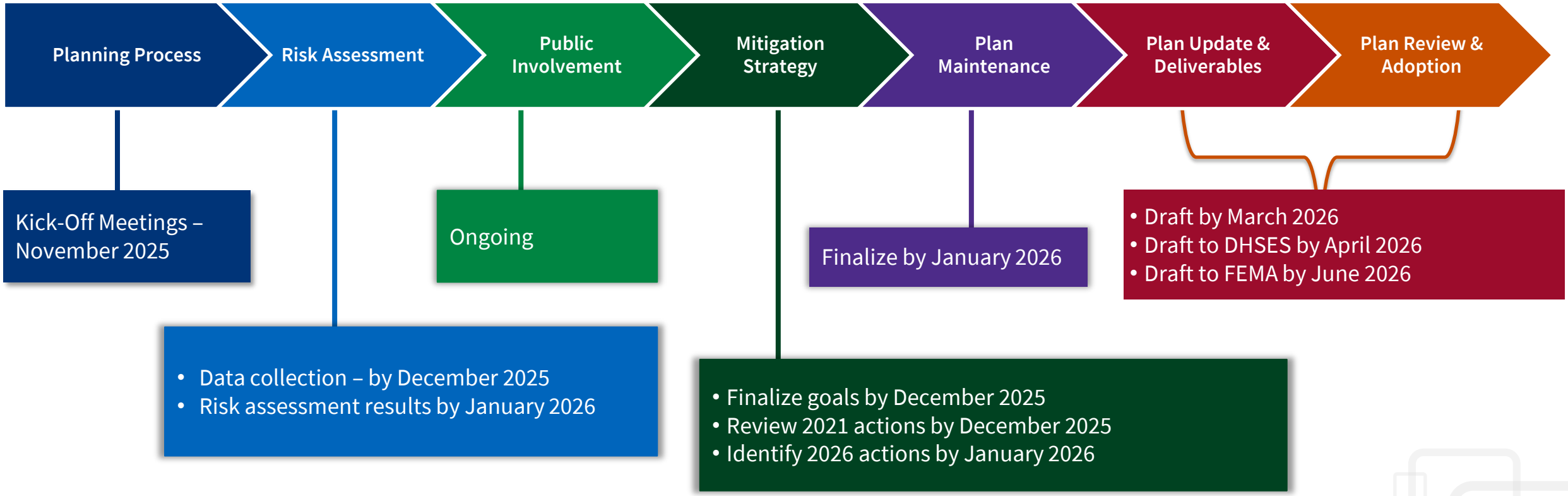
- Combination of data and local knowledge
- **"Fill in the blanks" approach:** Draft is the final product that will be included in the plan
  - Appropriate contributors include elected officials, supervisors, clerks, admins, highway, DPW, code enforcement, soil and water, planning, economic development, engineer, fire, water, emergency management personnel, social services personnel
- **Required** by NYS for plan approval



Project Schedule

Upcoming meetings and key milestones throughout the HMP update process

Schedule


Planning Process
Risk Assessment
Public Involvement
Mitigation Strategy
Plan Maintenance
Plan Update & Deliverables
Plan Review & Adoption
Kick-Off Meetings – November 2025
• Data collection – by December 2025
• Risk assessment results by January 2026
Ongoing
• Finalize goals by December 2025
• Review 2021 actions by December 2025
• Identify 2026 actions by January 2026
Finalize by January 2026
• Draft by March 2026
• Draft to DHSES by April 2026
• Draft to FEMA by June 2026

Next Steps

Item	Date
Complete and submit New Development Survey123	November 26, 2025
Complete and submit Jurisdictional Annex	December 19, 2025
Complete and submit Problem Areas Survey123	January 31, 2026
Complete and submit Public Survey	January 31, 2026
Complete and submit Stakeholder Survey	January 31, 2026



Questions?



Sullivan County Project Contacts

Heather Brown | Commissioner, Division of Planning
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Justin Rocque | Planner, Division of Planning
(845) 807-0527 | Justin.Rocque@sullivanny.gov

Tetra Tech Project Contacts

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Emily Vassallo | Lead Planner
(717) 545-3580 | Emily.Vassallo@tetratech.com

Thank You!

SULLIVAN COUNTY HAZARD MITIGATION PLAN
Steering Committee Risk Assessment Review Meeting
January 27, 2026 at 2:00 PM

1 Opening Remarks

2 Project Status
- Where we are in the process

3 Risk Assessment Overview
- Results of risk assessment for each hazard
- Hazards of concern risk ranking
- How will this information be used in the HMP?

4 At Risk Populations Discussion
- Identification of populations
- Available resources
- Known risks

5 Next Steps

6 Questions/Meeting Wrap-up

Sullivan County Project Contacts
Heather Brown, Commissioner
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Justin Rocque, Planner
Division of Planning & Community Development
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Tetra Tech Project Contact
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Tetra Tech, Inc.
(973) 630-8017 | jessica.stokes@tetratech.com

Sullivan County, NY – Hazard Mitigation Plan 2026 Update
Steering Committee Risk Assessment Meeting | Meeting Minutes

Purpose of Meeting:	Steering Committee Risk Assessment Meeting
Location of Meeting:	Teleconference
Date of Meeting:	January 27, 2026 @ 2:00PM

Attendees:

- **Sullivan County Division of Planning**
  - Heather Brown, Commissioner
  - Justin Rocque, Planner
- **Sullivan County Grants Administration**
  - Arthur Hussey, Director
- **Sullivan County Department of Public Works**
  - Ed McAndrew, Commissioner
  - Roman DiCio, DPW Employee
- **Sullivan County Department of Public Safety**
  - Scott Schulte , Commissioner
  - Alex Rau, EMS/911 Coordinator
- **Tetra Tech**
  - Jessica Stokes, Project Manager
  - Emily Vassallo, Lead Planner

Agenda Summary: The purpose of the meeting was to provide an overview of the hazard mitigation planning process, discuss public and stakeholder outreach efforts, and review the risk assessment results, including the hazard ranking. Further, this meeting was held to discuss at-risk population and what resources may be available for those populations.

Item No.	Description	Action item(s):
1	**Introductions** • Each person on the call was asked to include their name, title, and affiliation in the meeting chat.	-

2	**Project Status**
	• On schedule
	  ○ Kick-Off Project – November 2025
	  ○ Data Collection – collect GIS data in November 2025, but data collection from Planning Partnership through February 2026
	  ○ Finalize Goals – December 2025
	  ○ Review 2021 Actions – December 2025
	  ○ Identify Actions – February 2026
	  ○ Draft Plan – March 2026
	  ○ Draft to DHSES – April 2026
	  ○ Draft to FEMA – June 2026
	• Public Outreach and Engagement
	  ○ Post links on social media and department/agency websites
	  ○ Stakeholder and neighboring community surveys have been distributed
	  ○ Make efforts to reach out to:
	  ▪ General Public
	  ▪ Stakeholders
	  ▪ Neighbors
	  ▪ At Risk Populations
	
	Comments
	• County is okay with closing surveys by end of this week (1/30/26)
		-

2	**Risk Assessment Overview**
	• Risk is defined as a function of :
	  ○ Hazard
	  ▪ Source of potential danger or adverse condition
	  ○ Exposure
	  ▪ Manmade or natural features that are exposed to the hazard
	  ○ Vulnerability
		-

	▪ Damage susceptibility of the exposed features ○ Adaptive Capacity (or capability) ▪ Plans/policies ▪ Response/recovery ▪ Financial resources • Purpose of Risk Assessment ○ To get a better understanding of the risks you face ○ Initial results based on available data ○ Quantitative data (population/structures exposed, structural damages within hazard zones) used when available ○ Qualitative community input (such as unmapped flood areas) integrated to adjust results ○ Local community input to adjust relative rankings **Comments** • None received.	
3	**Risk Assessment Results** • Provided an overview of the results from the risk assessment for each hazard. Results were a combination of qualitative and quantitative data. **Comments** • Heather has a question on Severe Winter Storm (County experienced a strong storm in Feb/March 2018 that had high winds) and Heather asks about data and where the event will be presented. Jes explains that it can be noted in Winter Storm with a qualitative analysis. Entire grid was damaged during this event.	-
4	**Hazard Rankings** • Probability of occurrence - what is the likelihood of a hazard event occurring in any given year? • Impact – the different ways a hazard can affect a community ○ People – those living in the community with a focus on vulnerable populations (elderly, children, disabled, below poverty threshold) ○ Property – buildings located in the community – look at how many are exposed to the hazard ○ Critical facilities – potential damage/loss of service • Spatial Extent – How large of an area could be impacted by a hazard event? Are impacts localized or regional? • Warning Time – Is there usually some lead time associated with the hazard event? Have warning measures been implemented? • Duration – How long does the hazard event usually last? • Ranking: ○ High: Flood, Severe Winter Storm ○ Medium: Severe Storm, Drought, Wildfire, Pandemic ○ Low: Earthquake, Landslide, Dam Failure **Comments** • Ed and Scott agreed with the preliminary rankings. • Heather and Justin agree with the preliminary rankings.	-

5	**At Risk Populations** • Heather states that most of the at-risk populations are handled by John Little at the Health Department and requests at risk population questions are sent to him. • Scott states Office of Aging, Veterans Affairs and Public Health would be good to reach out to with at risk population questions. Scott also stated that NYS is starting a Vulnerable population outreach. *Group Discussion* • Which communities and populations lack resources to improve resilience? • What gaps may exist that decrease an at-risk population's ability to access resources and plan for risk reduction? • What specific capabilities are required to provide protection to at-risk populations? • What capabilities already exist in Sullivan County to support at-risk populations? • Does the County partner with outside agencies?	**Tetra Tech** • Follow up with identified County departments via email to gather more information regarding at risk populations.
8	**Questions/Discussion** • No questions or concerns	-



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Sullivan County Hazard Mitigation Plan 2026 Update

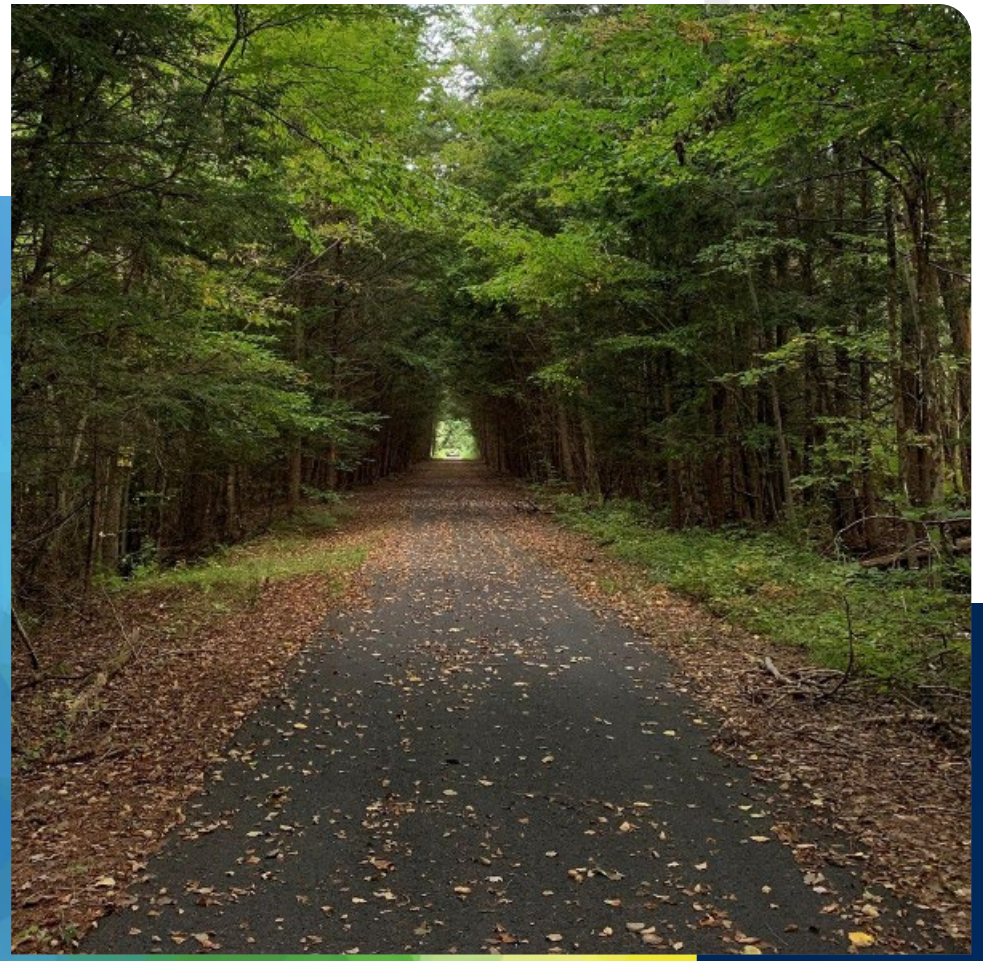
Risk Assessment Review Meeting

January 27, 2026

Please sign in using the chat (name, title, jurisdiction). Thank you!

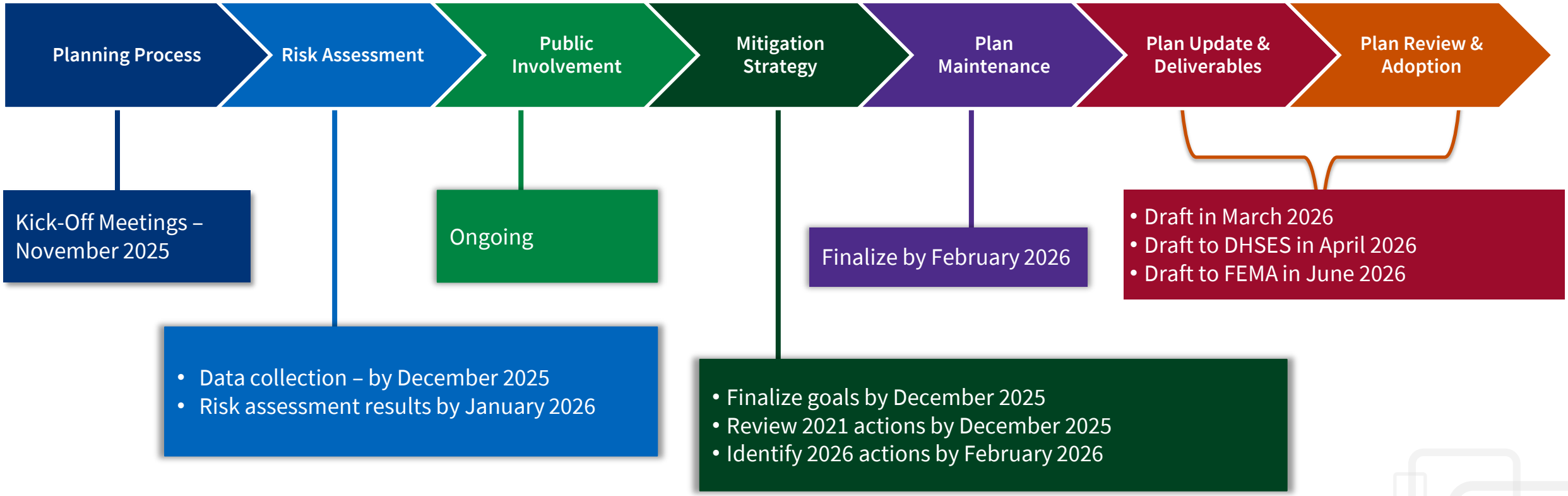
Today's Agenda

1. Welcome and Introductions
2. Project Status
3. Risk Assessment Overview
4. Preliminary Risk Assessment Results
5. Hazard Ranking
6. At Risk Populations Discussion
7. Questions/Next Steps



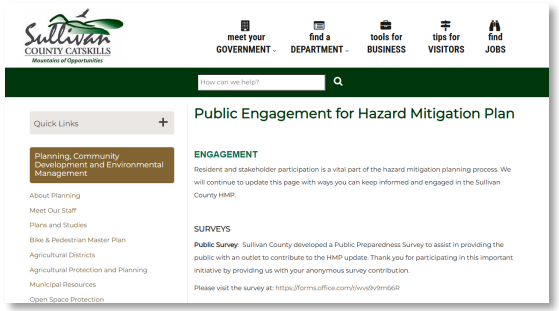
Project Status

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Finalize by February 2026
• Draft in March 2026
• Draft to DHSES in April 2026
• Draft to FEMA in June 2026

Outreach Strategy

- Outreach Toolkit
  - Social media templates and posts
  - Press release templates
  - Printable materials
- Surveys
  - Stakeholder – 5 responses
  - Neighboring community – 6 responses
  - Public – 182 responses
- County Website











Risk Assessment Overview

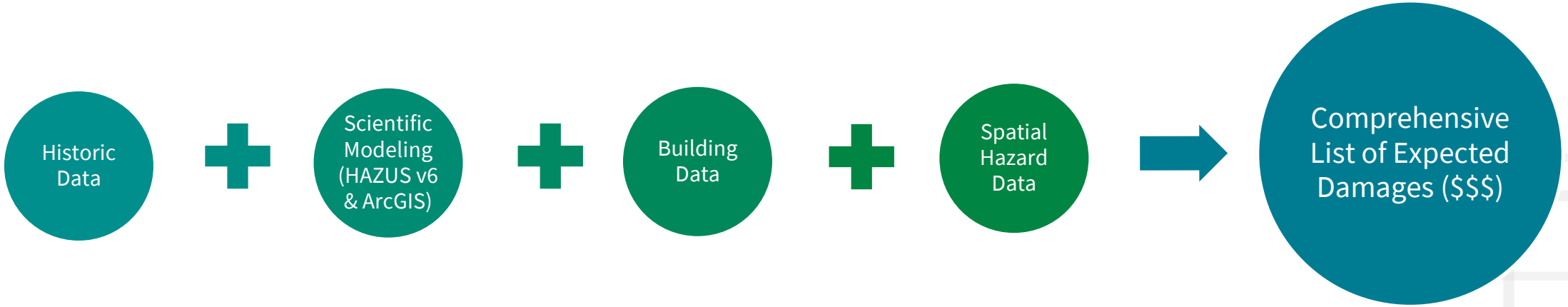
What is Risk?

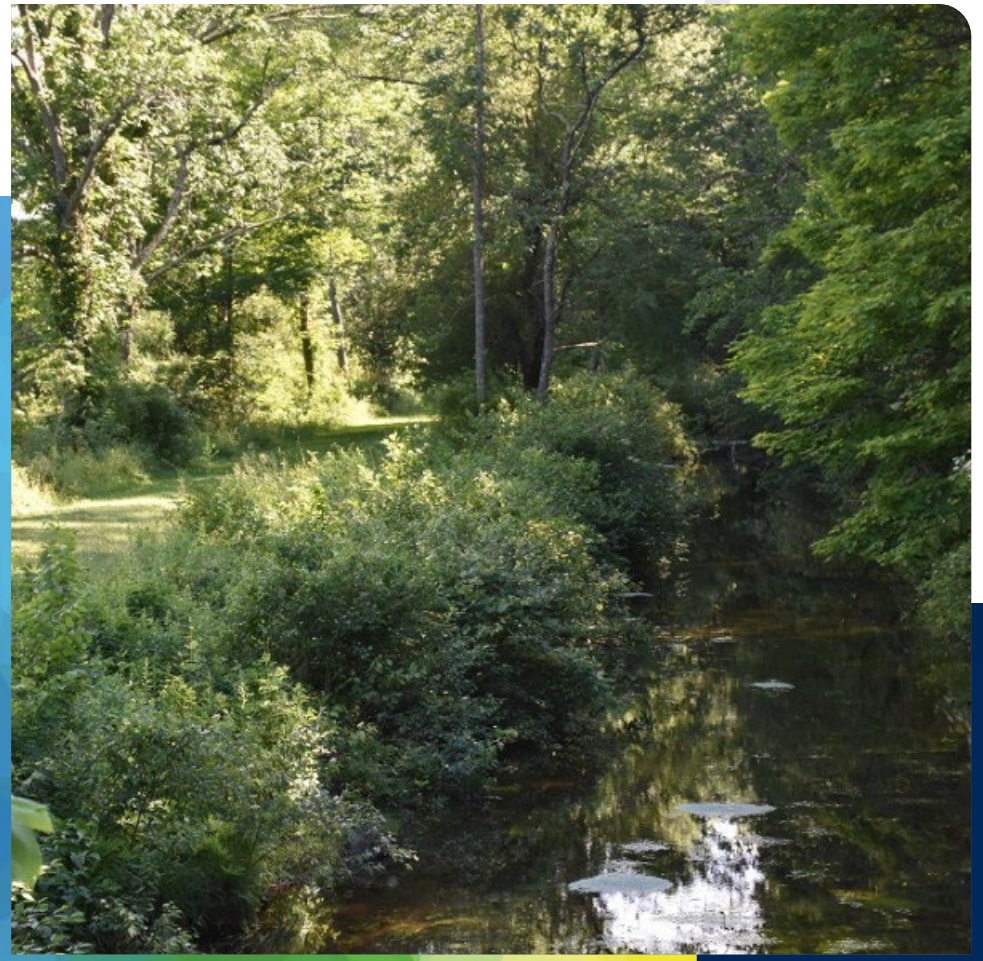
Risk is defined as a function of :

- Hazard
  - Source of potential danger or adverse condition
- Exposure
  - Manmade or natural features that are exposed to the hazard
- Vulnerability
  - Damage susceptibility of the exposed features
- Adaptive Capacity (or capability)
  - Plans/policies
  - Response/recovery
  - Financial resources

Purpose of Risk Assessment

- To get a better understanding of the risks you face
- Initial results based on available data
- Quantitative data (population/structures exposed, structural damages within hazard zones) used when available
- Qualitative community input (such as unmapped flood areas) integrated to adjust results
- Local community input to adjust relative rankings





Preliminary Risk Assessment Results

Hazards of Concern

- Dam Failure
- Drought
- Earthquake
- Flood
- Landslide
- Pandemic
- Severe Storm
- Severe Winter Storm
- Wildfire

Dam Failure

- According to New York State data, 306 dams are present throughout Sullivan County. Most of these dams pose little risk; however, there are 14 high hazard potential dams in the County.
- In the event of a dam failure, floodwaters may ultimately inundate the protected area landward of the structures.
- Warning time for dam failure varies on the cause of the failure. Structural failures can be sudden and without warning; whereas if heavy rains are impacting a structure communities located in the immediate danger zone can be evacuated before a failure occurs.
- Aggregate dam inundation data reveals 2,619 persons located in the dam inundation hazard area, with 2,178 of those persons located in the Town of Fallsburg.
- Aggregate dam inundation data reveals 1,670 buildings located in the dam inundation hazard area, with 1,340 of those buildings located in the Town of Fallsburg.

Drought

- Droughts can occur at any time and have the potential to impact every person directly or indirectly in the County, as well as the local economy.
- Drought can increase wildfire/brush fire risk and can affect agriculture, water supply, aquatic ecology, wildlife, and plant life.
- The severity of a drought depends on the degree of moisture deficiency, the duration of the event, and the size and location of the affected area. The longer the duration of the drought and the larger the area impacted, the more severe the potential impacts.
- Abnormally dry conditions were recorded by U.S. Drought Monitor in Sullivan County each year since 2021. In 2024, insufficient rainfall, much below average stream flows, groundwater levels and dried out soil conditions prompted the U.S. Drought Monitor to declare severe drought conditions in the eastern half of the County.

Earthquake

- An earthquake is the sudden movement of the Earth's surface caused by the release of stress accumulated within or along the edge of the Earth's tectonic plates, a volcanic eruption, or by a manmade explosion.
- Sullivan County is located in southeastern New York State, where earthquake activity and occurrences are rare, but have occurred historically.
- Sullivan County has experienced one 'earthquake' in 2018. A magnitude 1.8 ground shaking event in 2018 was recorded with an epicenter located 4km Northwest of Rock Hill. The felt ground shaking was a result of a quarry blast.
- The 500-year Mean Return Period earthquake, according to analysis, will result in light ground shaking across the County, with damages across all building types primarily being identified as slight to moderate.

Flood

- Nearly all areas in Sullivan County could experience a flooding event. This depends on the intensity and duration of rainfall, the steepness of the watershed, the number of impervious surfaces within the watershed, and vegetation.
- Flooding can cause cascading impacts on other hazards, including erosion, pandemics, utility interruption or failure, and dam failure.
- There are an estimated 2,170 residents living in the 1 percent annual chance floodplain and an estimated 2,737 residents living in the 0.2 percent annual chance floodplain.
- There are an estimated 1,720 buildings located in the 1 percent annual chance flood event hazard area. There are an estimated 2,175 buildings located in the 0.2 percent annual chance flood event hazard area.

Landslide

- Areas generally prone to landslide hazards include previous landslide areas, bases of steep slopes, bases of drainage channels, developed hillsides, and areas recently burned by forest and brush fires.
- Areas in the very high landslide susceptibility area include sloped locations in Northern Sullivan County and areas to the east of Route 209 (primarily State Forest).
- Impacts associated with landslides have been limited to sites in sparsely developed areas and usually have produced damages to private driveways, public roads, shoulders, bridges, improved drainage ways and culverts.
- There are 2,361 persons and 1,593 buildings (primarily residential) in Sullivan County that are located in the very high landslide susceptibility area.

Pandemic

- A pandemic is a global outbreak of disease that occurs when a new virus emerges in the human population, spreading easily in a sustained manner, and causing serious illness. Most pandemics occur due to respiratory viruses.
- Transmission rates of respiratory disease are often higher in more densely populated areas while the transmission rates of insect-borne disease are often higher in less densely populated areas that provide more habitat for insects.
- The entire population of Sullivan County is vulnerable to the pandemic hazard. Healthcare providers and first responders have an increased risk of exposure due to their frequent contact with infected populations.
- Areas with a higher population density also have an increased risk of exposure or transmission of disease to the closer proximity of the population to potentially infected people.

Severe Storm

- Severe storm events are a common occurrence in Sullivan County and can impact each of the local jurisdictions.
- The severe storm hazard includes extreme heat, hail, high winds, hurricane and tropical storm, lightning, thunderstorms, and tornadoes.
- Critical facilities are at risk of being impacted by high winds associated with structural damage or falling tree limbs/flying debris, which can result in the loss of power.
- Extreme heat temperature events can exacerbate the drought hazard, increase the potential risk of wildfires, and escalate severe storm events.
- An analyses on the 500-year Mean Return Period event for high winds estimates that there will be $63.8 million in damages to structures, with the estimated residential damage making up the majority of the amount ($59.7 million).

Severe Winter Storm

- A winter storm is a weather event in which the main types of precipitation are snow, sleet, or freezing rain. Severe winter storms in this HMP include blizzards, extreme cold, heavy snow, and ice storms.
- The severity of a severe winter storm depends on several factors, including snowfall rates, regional susceptibility to snowstorms, snowfall amounts, wind speeds, temperatures, visibility, and storm duration.
- The entire population of Sullivan County is exposed to severe winter storm events. Older adults are susceptible to this hazard due to their increased risk of injuries from falls and overexertion and/or hypothermia from attempts to clear snow and ice.
- Snow and ice conditions on the road make transportation accidents more likely, which may lead to utility and power lines being knocked over. Electrical utility failure also has the potential to start fires that can damage infrastructure and woodlands. Snow and ice melt may contribute to flooding.

Wildfire

- A wildfire is any fire that is not planned, controlled, or supervised in a natural area such as a forest, grassland, or prairie.
- Wildfires result in the destruction of forests, brush, field crops, grasslands, real estate, and personal property, and have secondary impacts on other hazards such as flooding, by removing vegetation and destroying watersheds.
- Wildfires that burn or threaten to burn buildings and other structures are referred to as wildland urban interface (WUI) fires. The WUI is further distinguished into two WUI types based on housing densities:
  - Interface: High-density development adjacent to undeveloped wildland vegetation.
  - Intermix: Lower-density housing mingled with undeveloped wildland vegetation.
- There are 23,530 person located within the interface hazard area, and 47,543 persons located in the intermix hazard area.
- There are an estimated 12,232 buildings in the wildfire interface hazard area, and an estimated 33,132 buildings in the wildfire intermix hazard area. The residential occupancy class has the largest number of buildings overall in the wildfire hazard areas.



Hazard Ranking

Review the calculated hazard rankings and provide your feedback.

Measuring Risk

Probability of Occurrence

- → **Unlikely** - not likely to occur or less than 1% annual chance of occurring
- → **Possible** - between 1 and 49.9% annual chance of occurring
- → **Likely**- between 50 and 90% annual chance of occurring
- → **Highly Likely** – Greater than 90% chance occurring

Impacts

- → **Minor** – very few injuries, if any. Only minor property damage and minimal disruption on quality of life. Temporary shutdown of critical facilities.
- → **Limited** – minor injuries only. More than 10% of property in affected area damaged or destroyed. Complete shutdown of critical facilities for more than 1 day.
- → **Critical** – multiple deaths/injuries possible. More than 25% of property in affected area damaged or destroyed. Complete shutdown of critical facilities for more than 1 week.
- → **Catastrophic** – high number of deaths/injuries possible. More than 50% of property in affected area damaged or destroyed. Complete shutdown of critical facilities for 30 days or more.

Spatial Extent

- → **Negligible** – less than 1% of area affected
- → **Small** - between 1 and 10.9% area of affected
- → **Moderate** - between 11 and 25% of area affected
- → **Large** – Greater than 25% of area affected

Measuring Risk

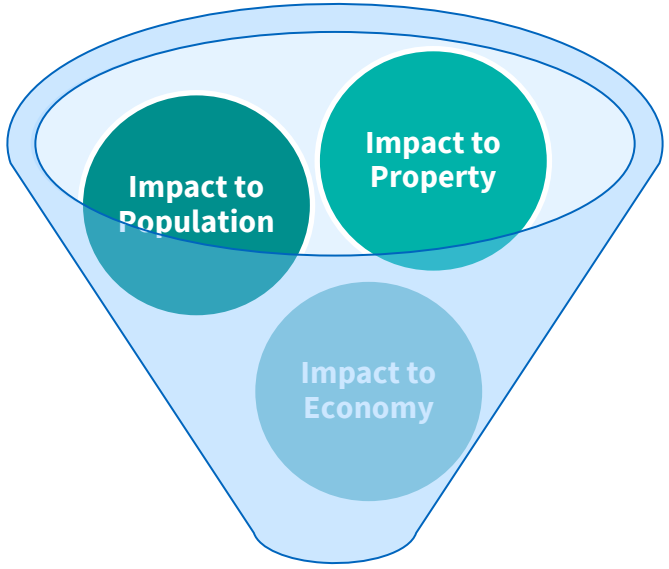
Warning Time

- → **More than 24 hrs** – defined by community
- → **12 to 24 hrs** - defined by community
- → **6 to 12 hrs** - defined by community
- → **Less than 6 hrs** – defined by community

Duration

- → **Less than 6 hrs** – defined by community
- → **Less than 24 hrs** - defined by community
- → **Less than 1 week** - defined by community
- → **More than 1 week** – defined by community

Risk Factor Ranking Formula



Local community input to adjust preliminary rankings

Probability of Occurrence (30%) + Impacts (30%) + Spatial Extent (20%) + Warning Time (10%) + Duration (10%) = Preliminary Hazard Ranking

Preliminary Risk Ranking

High Hazard

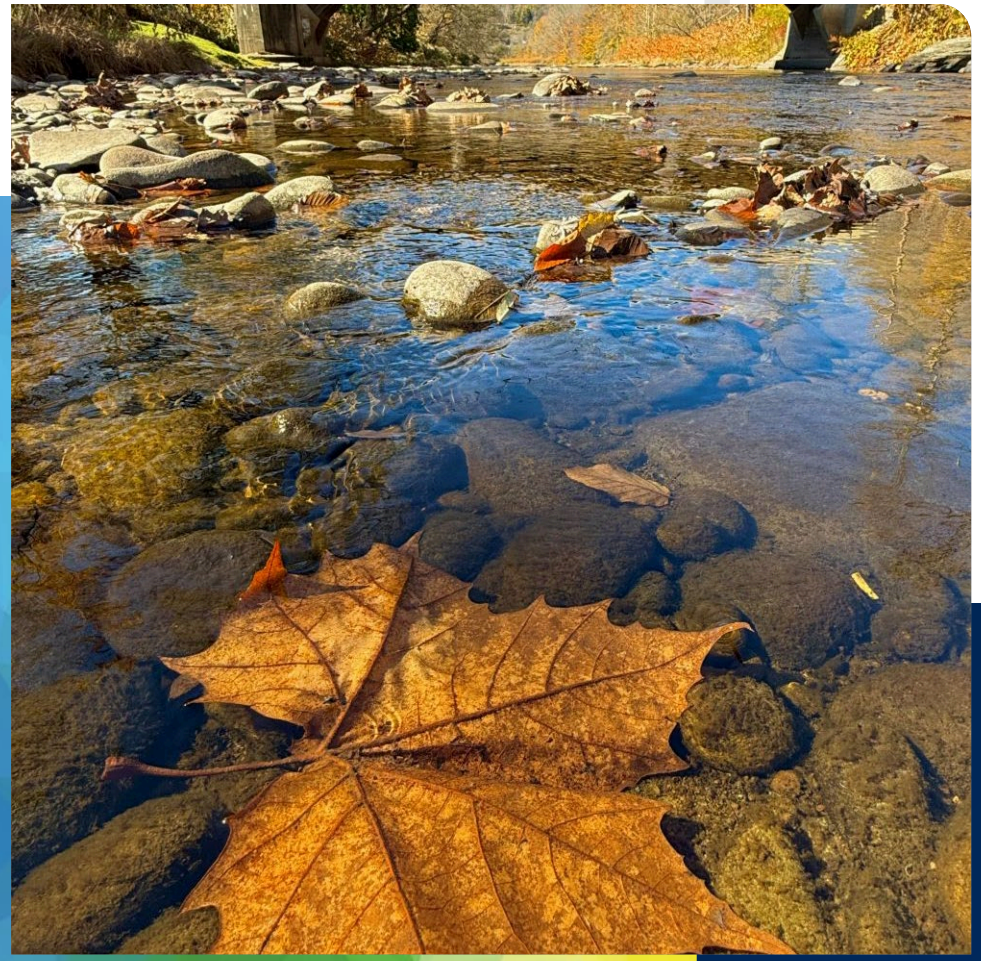
- Flood
- Severe Winter Storm

Medium Hazard

- Severe Storm
- Drought
- Wildfire
- Pandemic

Low Hazard

- Earthquake
- Landslide
- Dam Failure



At Risk Populations

Group Discussion

- Which communities and populations lack resources to improve resilience?
- What gaps may exist that decrease an at-risk population's ability to access resources and plan for risk reduction?
- What specific capabilities are required to provide protection to at-risk populations?
- What capabilities already exist in Sullivan County to support at-risk populations?
  - Does the County partner with outside agencies?



Questions?



Sullivan County Project Contacts

Heather Brown | Commissioner, Division of Planning
(845) 807-0527 | Heather.Brown@sullivanny.gov

Justin Rocque | Planner, Division of Planning
(845) 807-0527 | Justin.Rocque@sullivanny.gov

Tetra Tech Project Contacts

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Emily Vassallo | Lead Planner
(717) 545-3580 | Emily.Vassallo@tetratech.com

Thank You!

SULLIVAN COUNTY HAZARD MITIGATION PLAN
Draft Plan Review Meeting
May 6, 2026 at 6:00 PM

Dial-In Phone Number: +1 213-357-2812; Conference ID: 976 301 810#
Join by Meeting: https://msteams.link/YQ9G

1 Opening Remarks

2 Project Status
- Where we are in the process

3 HMP Draft Review
- MitigateNY
- Review the Draft Plan
- Providing Feedback
- Review and Approval

4 Next Steps

5 Questions/Meeting Wrap-up

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Sullivan County, NY – Hazard Mitigation Plan 2026 Update
Draft Plan Review Meeting | Meeting Minutes

Purpose of Meeting:	Draft Plan Review Meeting
Location of Meeting:	Teleconference
Date of Meeting:	May 6, 2026 @ 6:00PM

Attendees:

- **Sullivan County Division of Planning**
  - Heather Brown, Commissioner
  - Justin Rocque, Planner
  - Heather Jacksy, Director of Planning
- **Sullivan County Public Safety**
  - Alex Rau, Deputy Commissioner of Public Safety
- **Sullivan County Aging Services**
  - Lise-Anne Deoul, Director
- **SUNY Sullivan**
  - David Potash, President
- **Village of Bloomingburg**
  - Eziel Fleischman, Village Mayor
- **Town of Liberty**
  - Frank De Mayo, Supervisor
- **Tetra Tech**
  - Jessica Stokes, Project Manager
  - Emily Vassallo, Lead Planner

Agenda Summary: The purpose of the meeting was to provide an update on the planning process and status update, provide an opportunity for interested parties to comment on the draft 2026 Sullivan County HMP framework, review the DHSES and FEMA Approval Process, discuss next steps, and address any questions or comments.

Item No.	Description	Action item(s):
1	**Introductions**	-

2	**Project Status**
	• Public Outreach and Engagement
	  ○ Post links on social media and department/agency websites
	  ○ Plan Review Survey
	  ▪ https://forms.office.com/r/ta38C0jqgb
	  ○ MitigateNY
	  ▪ https://sullivan2026.devmny.org/
	  ○ Make efforts to reach out to:
	  ▪ Members of the Public
	  ▪ Stakeholders
	  ▪ Neighboring Communities
		-

3	**HMP Draft Review**
	• MitigateNY Overview
	  ○ The Local Environment
	  ▪ People and Communities
	  ▪ Built Environment
	  ▪ Natural Environment
	  ▪ NFIP – Floodplain Management
	  ▪ High Hazard Dams
	  ○ The Risk
	  ▪ Natural Hazards
	  ▪ Non-Natural Hazards
	  ▪ Climate Change
	  ▪ Disasters
	  ○ The Plan
	  ▪ Strategies
	  ▪ Capabilities Assessment
	  ▪ Jurisdictional Annexes
	  ▪ About the Process
	  ○ Public Review Survey
	  ▪ Review the Draft Plan
		-

	Comments: • D. Potash inquired about how the plan interacts with FEMA. J. Stokes responds and provides information about the monetary disaster declaration threshold and how the plan can make participating communities available to additional funding streams.	
4	**Review the Draft Plan** • The plan is available for review once this meeting ends. All information has been published, and the feedback survey is prepared for submissions. • Public feedback to be incorporated as appropriate prior to submittal to DHSEM • If needed, we will hold a brief meeting to discuss public comments and how to incorporate – date TBD	-
5	**Providing Feedback** • What material do you find the most relevant? • Do the results align with your experiences within the community? • What new insights are you gaining? • Are there any aspects that you find unexpected? • Do the mitigation actions meet community needs and priorities? ○ What, if anything, can be done to improve the proposed actions? • What do you think are the strengths of the plan? • What areas do you think need improvement? • General suggestions and comments.	-

6	**Review and Approval**
	• DHSES Review
	  ○ DHSES will have approximately 45-days to review the plan and ensure it meets State and FEMA requirements and guidance. Tetra Tech will address required comments.
	• FEMA Review
	  ○ FEMA will have approximately 45 days to review the plan and ensure it meets FEMA requirements and guidance. Tetra Tech will address required comments to obtain FEMA's 'Approvable Pending Adoption' status.
	• Adoption
	  ○ Once participating jurisdictions adopt the plan by resolution, FEMA will provide a formal approval date. The plan will be active for the next 5 years making participating jurisdictions eligible to apply for certain FEMA funding.
		-

7	**Next Steps** • Draft Plan Review Meeting – TODAY! • Public Review Period (1 month) – May 6 through June 6, 2026 ○ Concurrent DHSES Review • Submit Plan for FEMA Review • FEMA grants APA • County and local jurisdictions adopt plan	-
8	**Questions/Discussion** • None	-



TETRA TECH

Sullivan COUNTY CATSKILLS
Mountains of Opportunities

Sullivan County Hazard Mitigation Plan 2026 Update

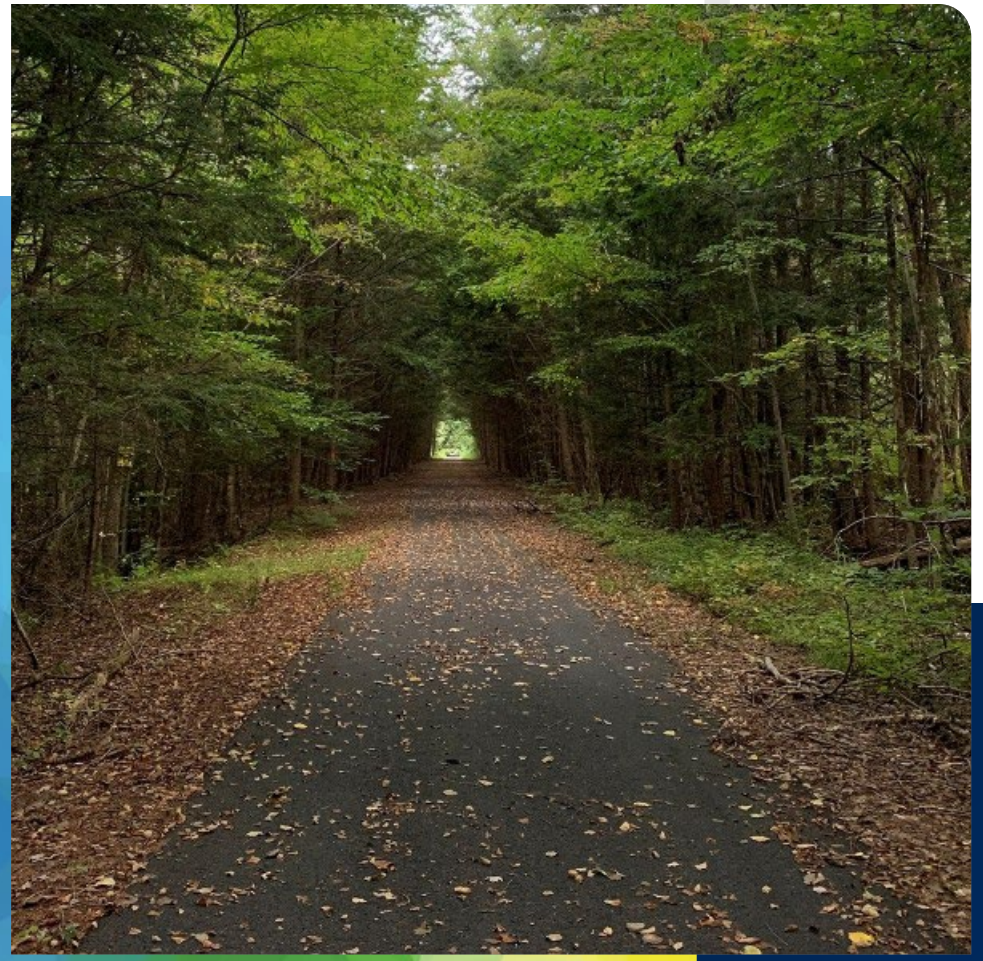
Draft Plan Review Meeting

May 6, 2026

Please sign in using the chat (name, title, jurisdiction). Thank you!

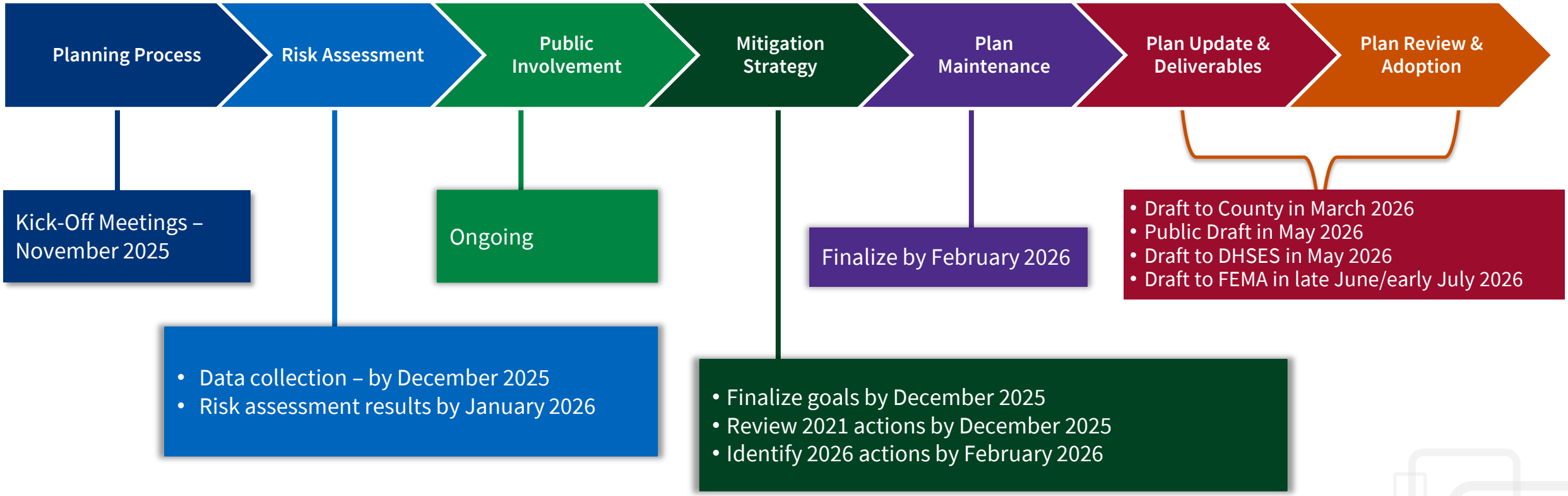
Today's Agenda

1. Opening Remarks
2. Project Status
3. HMP Draft Review
4. Next Steps
5. Questions/Wrap Up



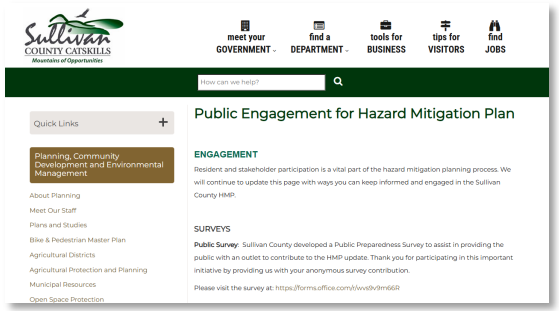
Project Status

Schedule


Planning Process
Risk Assessment
Public Involvement
Mitigation Strategy
Plan Maintenance
Plan Update & Deliverables
Plan Review & Adoption
Kick-Off Meetings – November 2025
Ongoing
Finalize by February 2026
• Draft to County in March 2026
• Public Draft in May 2026
• Draft to DHSES in May 2026
• Draft to FEMA in late June/early July 2026
• Data collection – by December 2025
• Risk assessment results by January 2026
• Finalize goals by December 2025
• Review 2021 actions by December 2025
• Identify 2026 actions by February 2026

Outreach Strategy

- Outreach Toolkit
  - Social media templates and posts
  - Press release templates
  - Printable materials
- Surveys
  - Stakeholder – 5 responses
  - Neighboring community – 6 responses
  - Public – 182 responses
  - Draft Plan Review
- County Website
- MitigateNY









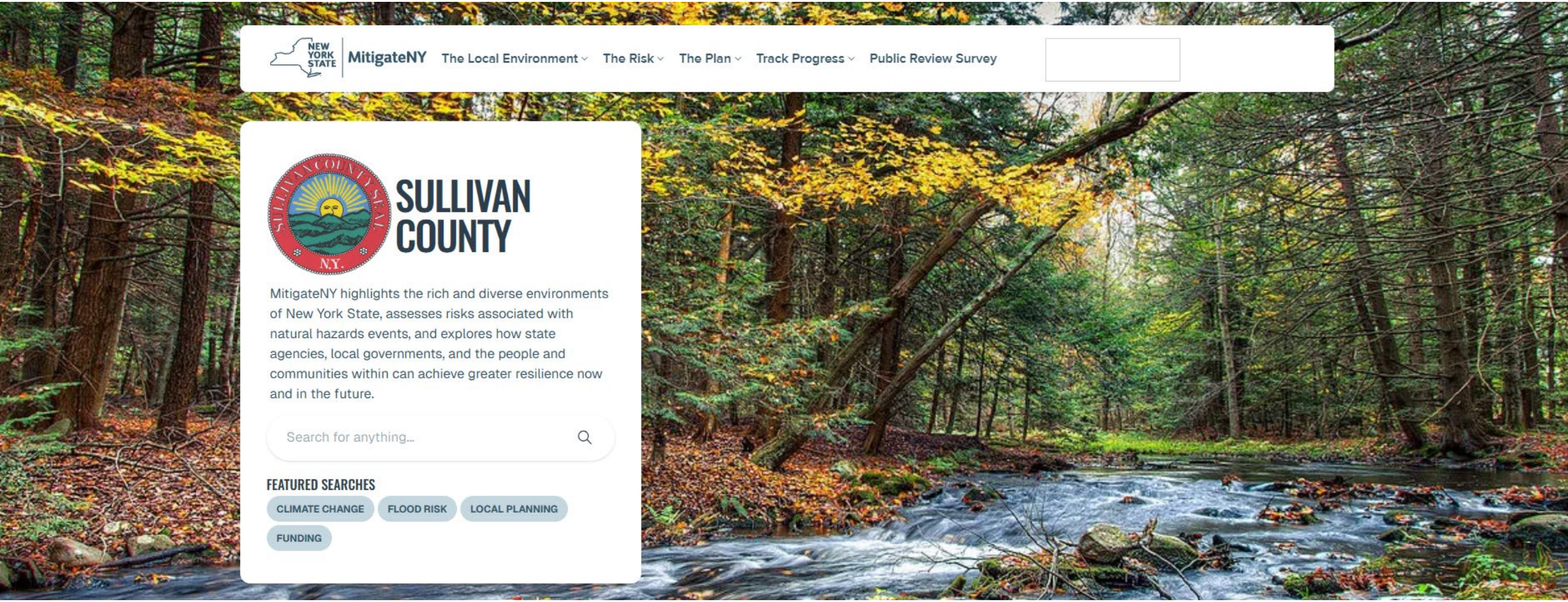


HMP Draft Review

What's new in the 2026 update?

- MitigateNY 2.0 was developed to provide a digital environment for the 2026 HMP. Information from the MitigateNY 1.0 plan, and from within the MitigateNY platform itself, was integrated into the plan
- Updated County profile on physical setting, demographic trends, socially vulnerable populations, general building stock, and new development
- Updated critical facility asset list and transitioned to FEMA's Community Lifeline framework
- Updated Risk Assessment using new population and asset data; updated hazard information; and hazard events since last plan
- Enhanced public and stakeholder engagement through public meetings, use of social media and focus on creating a user-friendly HMP document and website

What's new in the 2026 update?



The Local Environment

- People and Communities
- Built Environment
- Natural Environment
- NFIP – Floodplain Management
- High Hazard Dams

The Risk

- Landing Page
- Natural Hazards
- Non-Natural Hazards
- Climate Change
- Disasters

The Plan

- Landing Page
- Strategies
- Capabilities Assessment
- Jurisdictional Annexes
- About the Process

Track Progress

- Landing Page
- Actions Dashboard
- Actions List view
- Annual Maintenance
- Funding Sources

Public Review Survey

PUBLIC REVIEW SURVEY

REVIEW THE DRAFT PLAN

Sullivan County has developed a Hazard Mitigation Plan (HMP) in partnership with stakeholders and community members. Hazard Mitigation is any action taken to reduce the loss of life and property by lessening the impact of disasters. These include flooding, severe storms, severe winter storms, extreme temperatures, and others. Sullivan County is working to address disasters that may occur in its jurisdictions and develop strategies to mitigate impacts to the community. To identify and plan for future disasters, the County needs your input.

We invite the community to review the draft plan and offer comments and feedback. Your participation in this review and comment process will be invaluable in assisting Sullivan County in developing a plan that reflects the community's concerns and priorities for effective hazard mitigation. The draft plan may be viewed digitally on the MitigateNY Platform beginning May 7, 2026.

Submit your feedback

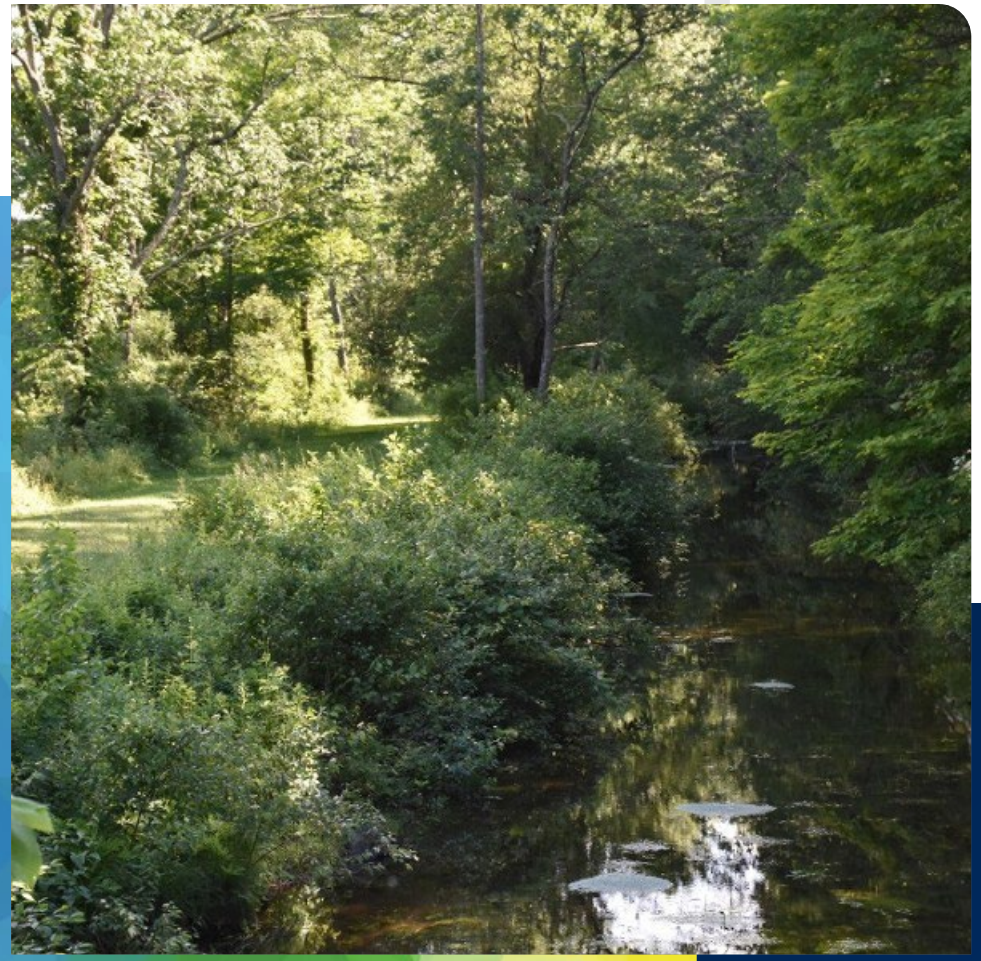
Once you have completed reviewing the plan, and if you would like to provide feedback, please utilize the following link: (**https://forms.office.com/r/ta38C0jqgb**).

All responses will be kept confidential and will be utilized solely for the purpose of finalizing the HMP. Please note that you will not receive a confirmation email of your responses.

For assistance, please contact **Jessica.Stokes@tetratech.com**.

Providing Feedback

- What material do you find the most relevant?
- Do the results align with your experiences within the community?
- What new insights are you gaining?
- Are there any aspects that you find unexpected?
- Do the mitigation actions meet community needs and priorities?
  - What, if anything, can be done to improve the proposed actions?
- What do you think are the strengths of the plan?
- What areas do you think need improvement?
- General suggestions and comments.



Draft Plan Review Process and Timeline

Review the Draft Plan

- The entire plan is available on MitigateNY for a month-long review period (ending June 6)
- Public feedback to be incorporated as appropriate and noted on the MitigateNY platform.
  - If needed, we will hold a brief meeting to discuss public comments and how to incorporate – date TBD

Review and Approval

DHSES Review

- DHSES will have approximately 45-days to review the plan and ensure it meets State and FEMA requirements and guidance. Tetra Tech will address required comments.

FEMA Review

- FEMA will have approximately 45-days to review the plan and ensure it meets FEMA requirements and guidance. Tetra Tech will address required comments to obtain FEMA's 'Approvable Pending Adoption' status.

Adoption

- Once participating jurisdictions adopt the plan by resolution, FEMA will provide a formal approval date. The plan will be active for the next 5-years making participating jurisdictions eligible to apply for certain FEMA funding.

Next Steps

- Draft Plan Review Meeting – TODAY!
- Public Review Period (1 month) – concluding June 6, 2026
- DHSES will begin their review in tandem with the Public Review Period
- Submit Plan for FEMA Review
- FEMA grants APA
- County and local jurisdictions adopt HMP via resolution
- Implement Projects and Maintain the Plan → Increase Resilience!



Questions?



Sullivan County Project Contacts

Heather Brown | Commissioner, Division of Planning
(845) 807-0527 | Heather.Brown@sullivanny.gov

Justin Rocque | Planner, Division of Planning
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Thank You!

APPENDIX C: PUBLIC AND STAKEHOLDER OUTREACH

This appendix provides documentation of public and stakeholder outreach. Stakeholder involvement in this planning process was broad and productive as discussed and further documented in Chapter 2 (Planning Process). Public and stakeholder input has been incorporated throughout this HMP as appropriate, as identified in Chapter 2 and the References section, as well as within specific mitigation initiatives identified within the jurisdictional annexes (Volume II). Respondent feedback filtered by jurisdiction is included in each jurisdictional annex as available to provide an indication of community resident concerns related to natural hazards.

Sullivan County Public Survey Results

This section contains information and results gathered from the Sullivan County Public Survey. The main objective of this survey was to gather information from citizens regarding their level of knowledge regarding hazard vulnerability and knowledge of hazard mitigation information for their local communities. Roughly 190 respondents completed this survey during the planning process. The survey results are provided in the following pages, with personal information redacted.

Stakeholder Surveys

In addition to collecting information from residents of Sullivan County, surveys were developed for the agencies and stakeholders in the County. Unlike steering committee or planning partnership members, stakeholders may not be involved in all stages of the planning process, but they may have information or input to provide. In order to gather that information, the surveys were sent to the following stakeholders: law enforcement, firefighters, emergency medical services, highway and public works, business and commerce, hospitals and health care providers, and utilities. Results of the surveys are provided in the following pages, with personal information redacted.

Neighboring Community Survey

A neighboring community survey was sent to the surrounding communities of Sullivan due to their proximity to the County and because the effects of hazard events that impact Sullivan County would be similar to that of their neighbors. A summary of the results are included on the following pages.

Website and Social Media Posts

The following provides screenshots of websites, news articles, and social media posts.

Social Media Graphics



SULLIVAN COUNTY

HAZARD MITIGATION PLAN UPDATE

Sullivan County is updating its Hazard Mitigation Plan. Learn more about the plan and how you can help by visiting our website:

https://bit.ly/3JUh7TN



Sullivan COUNTY CATSKILLS Mountains of Opportunities



HAZARD MITIGATION PLAN 2026

Sullivan County is updating its Hazard Mitigation Plan. Learn more about the plan and how you can help by visiting our website or scan the QR code:

https://bit.ly/3JUh7TN

FOR MORE INFO:

HEATHER BROWN
COMMISSIONER
SULLIVAN COUNTY
DIVISION OF PLANNING

Heather.Brown@sullivanny.gov

2026

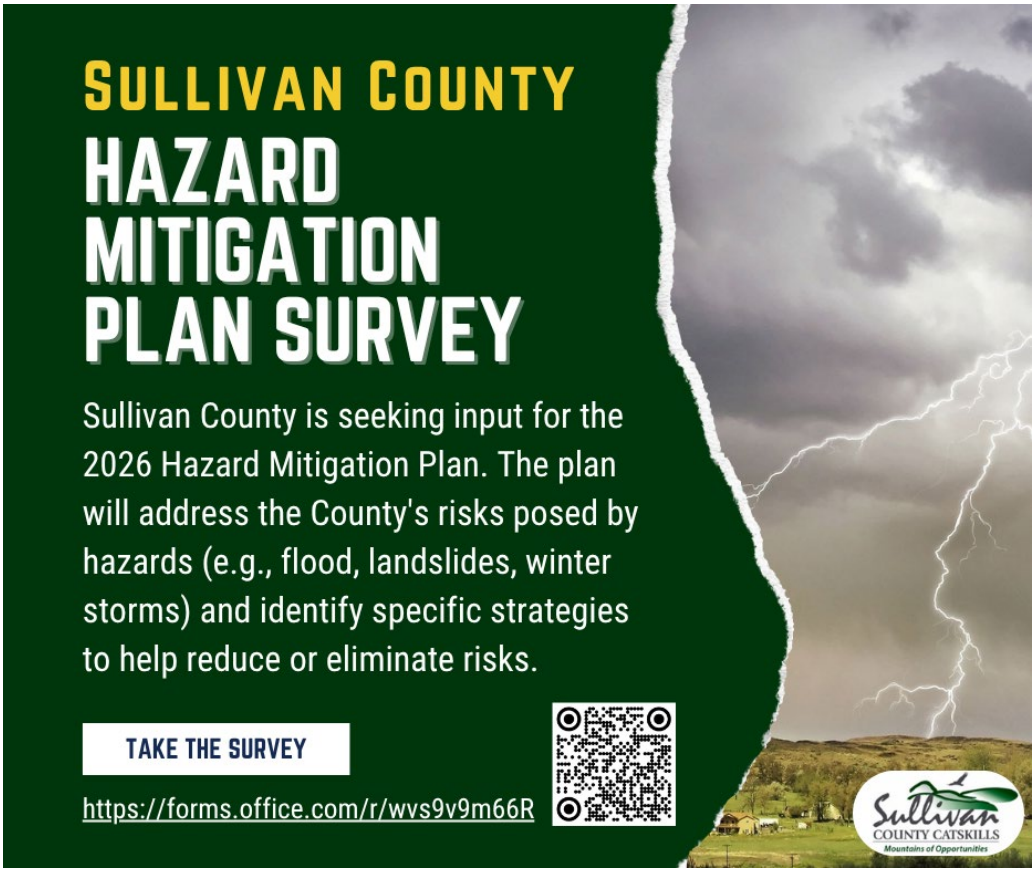
SULLIVAN COUNTY HAZARD MITIGATION PLAN UPDATE



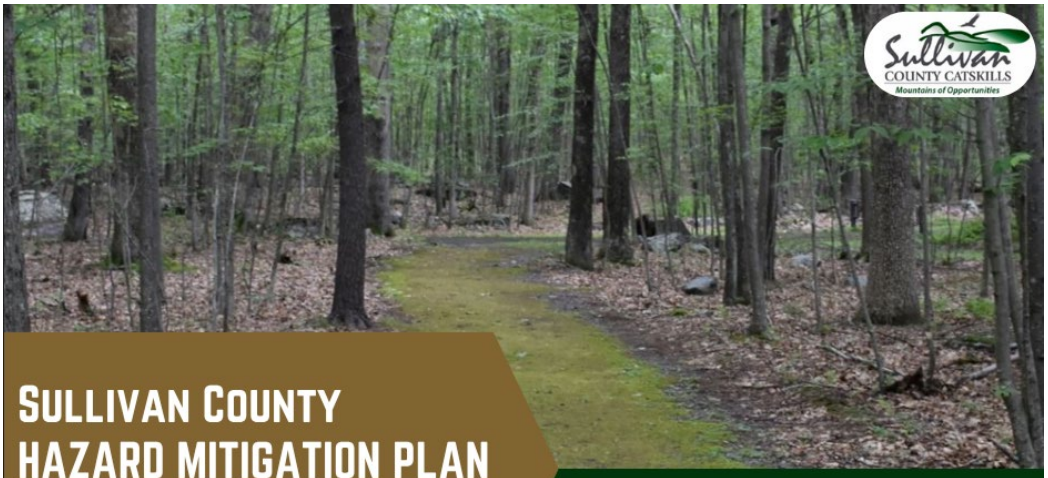



Sullivan
COUNTY CATSKILLS
Mountains of Opportunities
HAZARD MITIGATION PLAN PUBLIC SURVEY
SULLIVAN COUNTY IS SEEKING INPUT FOR THE 2026 HAZARD MITIGATION ACTION PLAN. THE PLAN WILL ADDRESS THE COUNTY'S RISKS POSED BY HAZARDS.
TAKE THE SURVEY TODAY
https://forms.office.com/r/wvs9v9m66R


SULLIVAN COUNTY
HAZARD MITIGATION PLAN
TAKE THE SURVEY & HELP REDUCE LOSS FROM DISASTERS
SCAN THE QR CODE OR GO TO HTTPS://FORMS.OFFICE.COM/R/WVS9V9M66R TO COMPLETE THE SURVEY
Sullivan
COUNTY CATSKILLS
Mountains of Opportunities


SULLIVAN COUNTY
HAZARD MITIGATION PLAN SURVEY
Sullivan County is seeking input for the 2026 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, landslides, winter storms) and identify specific strategies to help reduce or eliminate risks.
TAKE THE SURVEY
https://forms.office.com/r/wvs9v9m66R
Sullivan
COUNTY CATSKILLS
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WE NEED YOUR HELP
Sullivan County is updating the Hazard Mitigation Plan and we want to hear from you.
Tell us what you think the updated plan should focus on by taking a quick survey:
https://forms.office.com/r/ceE0CE2tSu
Sullivan
COUNTY CATSKILLS
Mountains of Opportunities



SULLIVAN COUNTY HAZARD MITIGATION PLAN PUBLIC SURVEY

Tell us what you think the updated plan should focus on:

SCAN ME

https://forms.office.com/r/wvs9v9m66R

Sullivan County is seeking input for the 2026 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, landslides, winter storms) and identify specific strategies to help reduce or eliminate risks.

WE NEED YOUR HELP TO UPDATE SULLIVAN COUNTY'S HAZARD MITIGATION PLAN

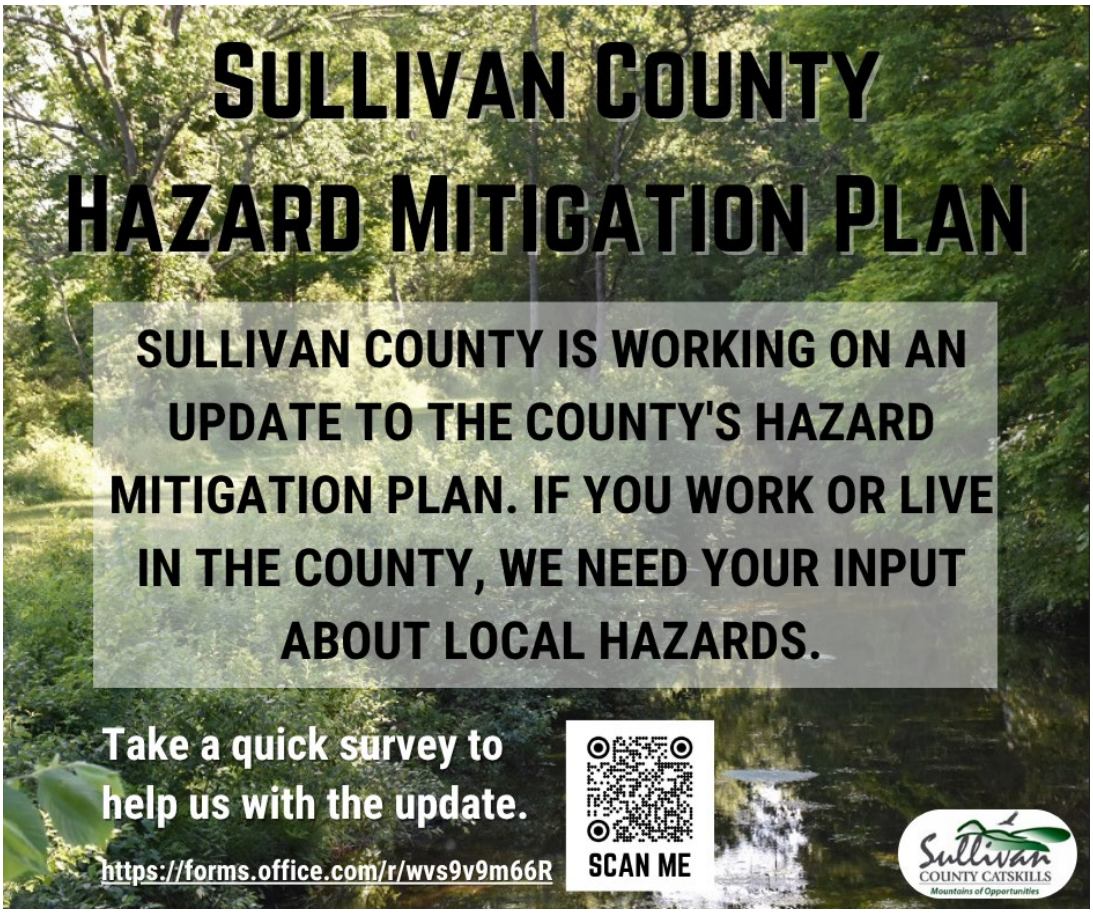
Sullivan County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blueprint to reduce impacts and protect our county and residents.

TELL US WHAT YOU THINK THE UPDATED PLAN SHOULD FOCUS ON:

https://forms.office.com/r/wvs9v9m66R

SCAN ME


SULLIVAN COUNTY
HAZARD MITIGATION PLAN
SULLIVAN COUNTY IS WORKING ON AN UPDATE TO THE COUNTY'S HAZARD MITIGATION PLAN. IF YOU WORK OR LIVE IN THE COUNTY, WE NEED YOUR INPUT ABOUT LOCAL HAZARDS.
Take a quick survey to help us with the update.
https://forms.office.com/r/wvs9v9m66R
SCAN ME
Sullivan
COUNTY CATSKILLS
Mountains of Opportunities


SULLIVAN COUNTY
HAZARD MITIGATION PLAN UPDATE
SCHOOL
POLICE
REPRESENT AN ORGANIZATION OR GROUP THAT WORKS IN THE COUNTY? WE NEED YOUR HELP!
SCAN THE QR CODE OR USE THE URL BELOW TO TAKE THE STAKEHOLDER SURVEY
https://forms.office.com/r/UEFTriw865


SULLIVAN COUNTY
HAZARD MITIGATION PLAN 2026 UPDATE
CALLING ALL NEIGHBORING COMMUNITIES
Due to your proximity to Sullivan County, the effects of a disaster may have similar impacts in your community. Involvement in this process could reap mutual benefits. By participating in the review of this plan, you will be engaging in the regional coordination of disaster mitigation planning, which is one of the intents of the Mitigation Planning Regulations (44 CFR 201).
SCAN THE QR CODE OR USE THE URL BELOW TO TAKE THE NEIGHBORING COMMUNITY SURVEY
HTTPS://FORMS.OFFICE.COM/R/TWV0BEYFZ9

Brochures



Sullivan County Hazard Mitigation Plan 2026 Update

A **Hazard Mitigation Plan (HMP)** is "the representation of the jurisdiction's commitment to reduce risks from natural hazards, serving as a guide for decision makers as they commit resources to reducing the effects of natural hazards" (44 CFR 201.6).

The **Hazard Mitigation Plan** (HMP) aims to identify and reduce the vulnerability to hazards to protect the health, safety, quality of life, environment, and economy of the communities within Sullivan County. HMPs must be reviewed and updated every five years and formally adopted by each participating jurisdiction. During the course of this planning project, local leaders and the community will work in tandem to identify risks, assess capabilities, and formulate a strategy to reduce disaster vulnerability.

Sullivan County is **required to have a FEMA-approved HMP** to remain eligible to apply for and receive grant funding through certain pre- and post-disaster programs.

For the next few months, Sullivan County will be updating the current HMP. **The objectives of this planning process are:**

- Provide the public opportunities throughout the planning process to provide input and feedback.
- Conduct a thorough risk assessment using the most recent and best available data.
- Formulate hazard mitigation goals, objectives, and actions as they relate to reducing loss of life and property from natural hazards.
- Reduce long-term impacts and damages to human health and structures, and reduced repair costs.
- Obtain federal approval of the HMP.
- Eligibility for federal funds for pre-disaster mitigation planning before disaster strikes.

We want to hear from you! Complete this survey and tell us what hazards you think impact Sullivan County.



SULLIVAN COUNTY HAZARD MITIGATION PLAN

2026 Update

What is Hazard Mitigation?

Hazard mitigation is an action to help reduce long-term risks caused by hazards or disasters, such as flooding, earthquakes, or wildfires. The purpose of hazard mitigation is to protect people and structures, and minimize the costs of disaster response and recovery. Hazard mitigation can take many forms: capital projects, policies, education, and environmental protection.

Proactive mitigation leads to more cost-effective projects. By contrast, reactive mitigation, tends to lead to severe damage and often more costly fixes; it simply costs too much to address the effects of disasters only after they happen. A surprising amount of damage can be prevented if we can anticipate where and how disasters occur, and take steps to prevent those damages.

What is a Hazard Mitigation Plan?

Hazard Mitigation Plans (HMP) are prepared and adopted by various levels of government with the primary purpose of identifying, assessing, and reducing the long-term risk to life and property from hazard events. HMPs are most effective when they are based on a comprehensive, long-term plans developed before a disaster occurs.

Effective mitigation planning can break the cycle of disaster damage, reconstruction, and repeated damage. There are four key elements of an HMP: 1) a risk assessment, 2) capability assessment, 3) mitigation strategy, and 4) plan maintenance procedures.

The purpose of mitigation planning is to identify local policies and actions that can be implemented over the long term to reduce risk and future losses from hazards. These mitigation policies and actions are identified based on an assessment of hazards, vulnerabilities, and risks and the participation of a wide range of stakeholders and the public in the planning process.

Purpose

Sullivan County is updating its Hazard Mitigation Plan. This plan is an opportunity to detail a variety of potential hazards that could affect some or all of the residents and will also allow the County to be eligible for future mitigation funding from the Federal Emergency Management Agency (FEMA).

The goal of the plan is to identify projects that can reduce damages from future hazards. The plan will include a risk assessment and a hazard mitigation strategy. The primary hazards of concern in the County include: Dam Failure, Drought, Earthquake, Flood, Landslide, Pandemic, Severe Storm, Severe Winter Storm, and Wildfire.

The plan update will focus on existing buildings and potential future development, infrastructure, and lifelines that might be impacted. Lifelines include but are not limited to buildings and infrastructure such as power-generation facilities, water utilities, roadways, railroads and communication systems.



What are the benefits of Hazard Mitigation?

Mitigation planning will help the County prepare for disasters, before they happen, to reduce impacts when a disaster occurs. Benefits include:

- Identifying actions for risk reduction that are agreed upon by stakeholders and the public,
- Focusing resources on the greatest risks and vulnerabilities,
- Building partnerships by involving citizens, organizations, and businesses,
- Increasing education and awareness of threats and hazards, as well as their risks,
- Communicating priorities to federal officials, and
- Aligning risk reduction with other community objectives.

What is required in a Hazard Mitigation Plan?

FEMA regulations require that the public must be engaged in all phases of the plan's development. The HMP should review and incorporate existing plans and programs that can support or enhance hazard mitigation. The plan must assess the risk to natural hazards that may impact the planning area and identify and prioritize mitigation actions that can be taken. The HMP must also include a strategy for maintaining the plan, which must be updated every 5 years.

FAQs

What is mitigation? Any sustained action taken to reduce/ eliminate long-term risk to life and property from a hazard event.

How can you reduce/eliminate risk? Identify mitigation actions/ projects/activities or processes that can include 1) Local plans and regulations; 2) Structure and infrastructure projects; 3) Natural systems protection; 4) Education and awareness programs.

What grant funding is available? FEMA Hazard Mitigation Assistance grant funding is available with a FEMA-approved Hazard Mitigation Plan (annual and post-disaster opportunities).

How can I support the plan? Take the public survey! This will help us obtain input and get a better understanding of public preparedness for hazard events.

Where can I see the 2026 plan? Sections of the draft plan will be available in 2026 for download, review and comment on the Sullivan County website.

Planning Process



For more information, please visit our Website:

https://bit.ly/3JUh7TN

If you have questions, contact:

Heather Brown, Commissioner
Sullivan County Division of Planning
Heather.Brown@sullivanny.gov

Live or work in Sullivan County? Take our Public Survey!

https://forms.office.com/r/wvs9v9m66R

-or-

scan the QR code

Can't access the Survey? Contact Jessica Stokes at Jessica.Stokes@tetratech.com or (973) 630-8017

Social Media Language Templates

Post 1:
Sullivan County is updating the County's Hazard Mitigation Plan (HMP) and is needing your feedback! If you live, work, or play in the County, we would appreciate your input to help us better understand the hazards that impact you and your community. Take a few minutes to complete the survey – (https://forms.office.com/r/wvs9v9m66R).

Post 2:
In case you haven't heard, Sullivan County is updating the County's Hazard Mitigation Plan (HMP)-- and they want to hear from you! Your feedback will help make Sullivan County a safer place! Use this link to complete a survey about natural hazards in Sullivan County (https://forms.office.com/r/wvs9v9m66R).

Post 3:
To help reduce the risks to natural hazards and disasters, Sullivan County is updating the County's Hazard Mitigation Plan (HMP). We want to understand what you think are the most critical threats to your community. To help us, we are asking those who live, work, or play in the County to complete a short survey. That information will be used to identify strategies and projects to increase our resilience as a community. To participate in the survey, follow this link – (https://forms.office.com/r/wvs9v9m66R)

Post 4:
Sullivan County needs YOUR input! Seneca Nation is updating its Hazard Mitigation Plan (HMP) and would like to understand more about how those who live, work, or play in the County are prepared for disasters and emergencies. Complete the survey at (https://forms.office.com/r/wvs9v9m66R). The more responses received will help Sullivan County better serve your community and businesses before, during, and after a disaster event.

Post 5:
Is your family prepared for a disaster event? We want to hear from you! Sullivan County is updating the County's Hazard Mitigation Plan (HMP) and asking those who live, work, or play in the County to complete a quick survey (https://forms.office.com/r/wvs9v9m66R). The County HMP will enable participating communities to be eligible for federal funding to rebuild stronger after disasters strikes. Your feedback will help to ensure that crucial mitigation projects can happen in your community.

Post 6:
Did you know that Sullivan County can save up to $6, for every $1 spent on mitigating hazards? Saving lives, property, and money is why Sullivan County is updating the County's Hazard Mitigation Plan (HMP)! Help us understand your communities' concerns by completing a quick survey at – (https://forms.office.com/r/wvs9v9m66R). Your responses will help to identify and prioritize actions to make Sullivan County more resilient to future disasters!

Post 7:
Sullivan County is interested in learning more about ways your community can reduce impacts to disasters! Sullivan County is updating the County's Hazard Mitigation Plan (HMP) and is wanting your feedback. Take the survey – (https://forms.office.com/r/wvs9v9m66R). This survey will help Sullivan County have a better understanding of community's concerns regarding natural hazards like flooding, heavy rains, and extreme temperatures.

Post 8:
Seneca Nation is continuing the process of updating the Tribal Hazard Mitigation Plan. Please consider attending the Public Draft Plan Review meeting virtually on Wednesday, May 6 at 6:00 PM (https://msteams.link/CAB7) to review the structure of the draft 2026 Hazard Mitigation Plan, process of plan adoption, and address any questions or comments on the draft plan.

Following this meeting the Public Review Period will commence for one month. The public and stakeholders are encouraged to participate in this public review period by submitting any comments through this survey (https://forms.office.com/r/ta38C0jqgb). The draft plan will be available on the MitigateNY platform (https://sullivan2026.devmny.org/).

Post 9:

ATTENTION!! Sullivan County Hazard Mitigation Plan Update is now ready for public review! We are asking those who live, work, or play in the County to review the final draft of the plan and give feedback. The projects and information included in the THMP allow your communities to remain eligible for grant funding opportunities to minimize losses from natural disasters. The Public Review Period is open until June 6, 2026 so don't miss this last chance to have your voice be heard! Your support and responses are appreciated! Use this URL for more information and to review the plan: https://sullivan2026.devmny.org/

Post 10:

Sullivan County has been working hard this past year to update their Hazard Mitigation Plan! The plan is now ready for public review, and we are asking those who live, work, or play in the County to review the draft plan and provide feedback. The Public Review Period is open until June 6, 2026. Use this URL to review the plan: https://sullivan2026.devmny.org/

Post 11:

Did you take the Hazard Mitigation Plan surveys this past year? If so, then check out the draft Sullivan County Hazard Mitigation Plan Update! Use this URL to see how your responses were used to create meaningful mitigation projects for your community: https://sullivan2026.devmny.org/

Surveys

Sullivan County Hazard Mitigation Plan - Public Survey

The 2026 Sullivan County Hazard Mitigation Plan update is currently underway and is inclusive of the County, its municipalities, and special districts. The Hazard Mitigation Plan (HMP) identifies and evaluates risks and vulnerabilities associated with hazards and resulting disasters and leads to the development of long-term strategies (policies and actions) for risk reduction, making your community more resilient.

By participating in this process communities ensure eligibility for federal mitigation funding, a key asset in the implementation of mitigation actions that reduce risk and impacts of hazards. Mitigation plans are key to breaking the cycle of disaster damage and reconstruction.

This survey seeks to identify and collect information about hazards events, vulnerabilities and impacts; emergency management related activities in Sullivan County; and feedback about how the County and its municipalities can become more resilient to the effects of disasters.

It is critical that the public and non-governmental stakeholders contribute views, ideas and feedback that will be incorporated in the plan. These contributions will improve the overall quality and accuracy of the plan. Sullivan County is updating our Hazard Mitigation Plan, which addresses hazards that impact our county and municipalities.

Please help Sullivan County strengthen our resilience to everyday events and future disasters by completing this survey.

Hazard Information

This section includes questions about how hazards impact the people, buildings and infrastructure, economy, and environment in Sullivan County. Please answer the following questions to help us understand the concerns throughout the County.

1. Are you familiar with the concept of hazard mitigation and/or resilience?

- ◯ Yes
- ◯ No
- ◯ Other

2. In the last five years, which of the following hazards have you experienced in Sullivan County? Check all that apply.

- [ ] Dam Failure
- [ ] Drought
- [ ] Earthquake
- [ ] Flood (Riverine, Flash, Urban/Street, Ice Jam)
- [ ] Landslide
- [ ] Pandemic
- [ ] Severe Storm (Extreme Heat, Hail, Lightning, High Wind, Thunderstorm, Tornado)
- [ ] Severe Winter Storm (Blizzard, Extreme Cold, Heavy Snow, Ice Storm)
- [ ] Wildfire
- [ ] Other

3. How concerned are you about the following hazards impacting Sullivan County?

	Not Concerned	Somewhat Concerned	Concerned	Very Concerned	Extremely Concerned
Dam Failure	◯	◯	◯	◯	◯
Drought	◯	◯	◯	◯	◯
Earthquake	◯	◯	◯	◯	◯
Flood (Riverine, Flash, Urban/Street, Ice Jam)	◯	◯	◯	◯	◯
Landslide	◯	◯	◯	◯	◯
Pandemic	◯	◯	◯	◯	◯
Severe Storm (Extreme Heat, Hail, Lightning, High Wind, Thunderstorm, Tornado)	◯	◯	◯	◯	◯
Severe Winter Weather (Blizzard, Extreme Cold, Heavy Snow, Ice Storm)	◯	◯	◯	◯	◯
Wildfire	◯	◯	◯	◯	◯

4. If you selected 'very' or 'extremely' concerned for any of the hazards above please describe the risks and/or impacts that concern you.

Hazard Information

This section includes questions about how hazards impact the people, buildings and infrastructure, economy, and environment in Sullivan County. Please answer the following questions to help us understand the concerns throughout the County.

5. In the past, has your home been damaged by a hazard event (ex. flood waters entering home or wildfire damage)?

- ◯ No
- ◯ Yes
- ◯ I don't know

6. If yes, please describe the damaged that occurred, including when.

7. Did you report the damage to your local police, fire department, or emergency management agency?

8. Is your home located in a floodplain?

If you are unsure, click here to find out: <https://msc.fema.gov/portal/search>

- ◯ No
- ◯ Yes
- ◯ I don't know

9. If your home is located in a floodplain, do you have flood insurance?

- ◯ Yes
- ◯ No
- ◯ I don't know

10. If your home is not located in a floodplain, do you have flood insurance?

- ◯ Yes
- ◯ No
- ◯ I don't know

11. If your home is in the floodplain and you do not have flood insurance, please identify the primary reason you do not have flood insurance:

- ◯ My home is in the floodplain but is elevated.
- ◯ I have taken other measures to ensure my home is floodproof/resistance.
- ◯ I believe my homeowners insurance is adequate.
- ◯ It is too expensive.
- ◯ Insurance company will not provide it.
- ◯ I have never considered it.
- ◯ Other

12. Please identify any buildings or areas in your city/town/village or elsewhere in the County that are vulnerable to hazard impacts (e.g., specific properties or areas, critical facilities or infrastructure, community assets, features of the natural environment, etc.).

13. FEMA defines community lifelines as the most fundamental facilities and services in a community that, when stabilized, enable all other aspects of society to function (i.e., medical care, shelters, water and wastewater, food supply, law enforcement, fire department response). These lifelines are used in disaster response to prioritize efforts to stabilize critical functions during emergencies.

    Have you ever had difficulty or could not access a critical service or facility within your community before, during or after a hazard event? Please elaborate below.

14. Please identify any vulnerable members or groups of your community that may be at risk before, during or after a hazard event. What resources or services would assist these people to better prepare for, cope with and recover from the impacts of hazard events?

15. What sources do you rely on to receive up-to-date information on projected hazard events and their impacts (**before** the event)? Please select the three you find most effective.

- [ ] Newspaper
- [ ] Radio News
- [ ] TV News
- [ ] County or Municipal Website
- [ ] County or Municipal Email
- [ ] County or Municipal Social Media
- [ ] Mass Notification System
- [ ] Schools
- [ ] Public Library
- [ ] Online News Source
- [ ] Word of Mouth
- [ ] Other

16. What sources do you rely on to receive up-to-date information on hazard impacts, damages, response and recovery **during and after** the event? Please select the three you find most effective.

- [ ] Newspaper
- [ ] Radio News
- [ ] TV News
- [ ] County or Municipal Website
- [ ] County or Municipal Email
- [ ] County or Municipal Social Media
- [ ] Mass Notification System
- [ ] Schools
- [ ] Public Library
- [ ] Online News Source
- [ ] Word of Mouth
- [ ] Other

17. Hazards can have a big impact on a community, but planning for these hazards can help lessen the impacts. Rate the following statements to help us determine your priorities for hazards in Sullivan County.

	Very Important	Somewhat Important	Neutral	Not Very Important	No Important
Protecting private property	◯	◯	◯	◯	◯
Protecting critical facilities and community lifelines	◯	◯	◯	◯	◯
Preventing development in hazard areas (e.g., restrict building in the floodplain)	◯	◯	◯	◯	◯
Enhance the functions of natural features (e.g., streams, wetlands)	◯	◯	◯	◯	◯
Protecting historical and cultural landmarks	◯	◯	◯	◯	◯
Protecting and reducing damages to utilities	◯	◯	◯	◯	◯
Strengthening emergency services (e.g., police, fire, EMS)	◯	◯	◯	◯	◯
Disclosing hazard risks during real estate transactions	◯	◯	◯	◯	◯
Promoting cooperation among public agencies, residents, non-profit organizations and local businesses	◯	◯	◯	◯	◯

18. What types of projects would reduce the damage and disruption of hazards in Sullivan County?

- [ ] Retrofit and strengthen essential facilities such as police, fire, emergency medical services, hospitals, schools, etc.
- [ ] Retrofit infrastructure, such as elevating roadways and improving drainage systems.
- [ ] Replace inadequate or vulnerable bridges and causeways.
- [ ] Work on improving the damage resistance of utilities (electricity, communications, water / wastewater facilities, etc.).
- [ ] Install or improve protective structures, such as floodwalls or levees.
- [ ] Enhance stream maintenance programs/projects
- [ ] Strengthen codes, ordinances, and plans to require higher hazard risk management standards.
- [ ] Buyout flood prone properties and maintain as open-space.
- [ ] Provide better information about hazard risk and high-hazard areas.
- [ ] Inform property owners of ways they can mitigate damage to their properties.
- [ ] Assist vulnerable property owners with securing funding to mitigate impacts to their property(s).
- [ ] Improve access to information about hazard risk and high-hazard areas
- [ ] None
- [ ] Other

19. Do you feel that your municipality is doing enough to mitigate the risks and impacts of hazards in your community?

- ◯ Yes
- ◯ No
- ◯ I don't know

20. Do you feel that the County is doing enough to mitigate the risks and impacts of hazards in your community?

- ◯ Yes
- ◯ No
- ◯ I don't know

21. Please explain your answers to question 19 and 20.

22. Please share any comments, questions or concerns regarding hazard risks, impacts, or mitigation strategies in your municipality and the County.

General Household Information

The answers provided in this section will be treated as CONFIDENTIAL and will be used solely for the purpose of preparing this plan. Please note that individual answers will not be published in the plan.

23. Where in Sullivan County do you live?

- ◯ I do not work or live in Sullivan County.
- ◯ I work in Sullivan County, but do not live here.
- ◯ Town of Bethel
- ◯ Town of Callicoon
- ◯ Town of Cochecton
- ◯ Town of Delaware
- ◯ Town of Fallsburg
- ◯ Town of Forestburgh
- ◯ Town of Fremont
- ◯ Town of Highland
- ◯ Town of Liberty
- ◯ Town of Lumberland
- ◯ Town of Mamakating
- ◯ Town of Neversink
- ◯ Town of Rockland
- ◯ Town of Thompson
- ◯ Town of Tusten
- ◯ Village of Ateres
- ◯ Village of Bloomburg
- ◯ Village of Jeffersonville
- ◯ Village of Liberty
- ◯ Village of Monticello
- ◯ Village of Woodridge
- ◯ Village of Wurtsboro

24. How long have you lived there?

- ◯ Less than 1 year
- ◯ 1 to 5 years
- ◯ 6 to 9 years
- ◯ 10 to 19 years
- ◯ 20 years or more

25. Do you own or rent your place of residence?

- ◯ Own
- ◯ Rent
- ◯ Other

26. What type of residence do you live in?

- ◯ Single-family detached
- ◯ Multi-family detached
- ◯ Town Home
- ◯ Condominium
- ◯ Apartment Complex
- ◯ Commercial
- ◯ Other

27. How old are you?

- ◯ Under 18
- ◯ 18-24
- ◯ 25-34
- ◯ 35-44
- ◯ 45-54
- ◯ 55-64
- ◯ 65-74
- ◯ 75-84
- ◯ 85+

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Sullivan County Hazard Mitigation Plan - Stakeholder Organization Survey

The 2026 Sullivan County Hazard Mitigation Plan update is currently underway and is inclusive of the County, its municipalities, and special districts. The Hazard Mitigation Plan (HMP) identifies and evaluates risks and vulnerabilities associated with hazards and resulting disasters and leads to the development of long-term strategies (policies and actions) for risk reduction, making your community more resilient.

By participating in this process communities ensure eligibility for federal mitigation funding, a key asset in the implementation of mitigation actions that reduce risk and impacts of hazards. Mitigation plans are key to breaking the cycle of disaster damage and reconstruction.

This survey seeks to identify and collect information about hazards events, vulnerabilities and impacts; emergency management related activities in Sullivan County; and feedback about how the County and its municipalities can become more resilient to the effects of disasters.

It is critical that the public and non-governmental stakeholders contribute views, ideas and feedback that will be incorporated in the plan. These contributions will improve the overall quality and accuracy of the plan. Sullivan County is updating our Hazard Mitigation Plan, which addresses hazards that impact our county and municipalities.

Please help Sullivan County strengthen our resilience to everyday events and future disasters by completing this survey.

1. Respondent's Name

2. Respondent's Email Address

3. Stakeholder Organization and Respondent's Role/Position

4. Organization's Website

5. Please describe your organization's goals and objectives, what kind of services or products it offers, its primary clients/customers or market, and its geographical region of operation

6. How concerned are you about the following hazards impacting Sullivan County?

	Not Concerned	Somewhat Concerned	Concerned	Very Concerned	Extremely Concerned
Dam Failure	◯	◯	◯	◯	◯
Drought	◯	◯	◯	◯	◯
Earthquake	◯	◯	◯	◯	◯
Flood (Riverine, Flash, Urban/Street, Ice Jam)	◯	◯	◯	◯	◯
Landslide	◯	◯	◯	◯	◯
Pandemic	◯	◯	◯	◯	◯
Severe Storm (Extreme Heat, Hail, Lightning, High Wind, Thunderstorm, Tornado)	◯	◯	◯	◯	◯
Severe Winter Weather (Blizzard, Extreme Cold, Heavy Snow, Ice Storm)	◯	◯	◯	◯	◯
Wildfire	◯	◯	◯	◯	◯

7. If you selected 'very' or 'extremely' concerned for any of the hazards above, please describe the risks and/or impacts that impact the County and/or your organization's mission and services.

8. Does your organization have fixed or mobile assets located in a floodplain?

If you are unsure, click here to find out: <https://msc.fema.gov/portal/search>

◯ No

◯ Yes

◯ I don't know

9. If yes, does your organization have flood insurance?

- ◯ Yes
- ◯ No
- ◯ I don't know

10. Please identify any vulnerable members or groups of your community that may be at risk before, during or after a hazard event. What resources or services would assist these people to better prepare for, cope with and recover from the impacts of hazard events?

11. Does your organization offer resources or services to assist these people to better prepare for, cope with and recover from the impacts of hazard events? If so, please describe.

12. Do you have information to share about other existing resources or services offered to assist at-risk populations better prepare for, cope with and recover from the impacts of hazard events?

13. What are the most effective ways to communicate with at-risk populations? Examples include written materials in bi-/multi-lingual formats, face-to-face, preferred media resources/outlets, through trusted members of the community (religious leaders, community leaders), etc. Do you have any examples you can share?

14. Where in Sullivan County is your organization based?

- ◯ Our organization does not work in Sullivan County.
- ◯ Our organization operates in Sullivan County, but we do not have fixed or mobile assets here.
- ◯ Town of Bethel
- ◯ Town of Callicoon
- ◯ Town of Cochecton
- ◯ Town of Delaware
- ◯ Town of Fallsburg
- ◯ Town of Forestburgh
- ◯ Town of Fremont
- ◯ Town of Highland
- ◯ Town of Liberty
- ◯ Town of Lumberland
- ◯ Town of Mamakating
- ◯ Town of Neversink
- ◯ Town of Rockland
- ◯ Town of Thompson
- ◯ Town of Tusten
- ◯ Village of Ateres
- ◯ Village of Bloomburg
- ◯ Village of Jeffersonville
- ◯ Village of Liberty
- ◯ Village of Monticello
- ◯ Village of Woodridge
- ◯ Village of Wurtsboro

15. Please identify economic assets and drivers whose losses and inability to operate would severely impact the community and its ability to recover from a disaster.

16. Please share any comments, questions, or concerns regarding planning for and engaging at-risk groups, hazard risks and impacts and hazard mitigation related to your organization's work.

17. Please describe any challenges or barriers to reducing vulnerability in Sullivan County.

18. What types of projects would reduce the damage and disruption of hazards in Sullivan County?

- [ ] Retrofit and strengthen essential facilities such as police, fire, emergency medical services, hospitals, schools, etc.
- [ ] Retrofit infrastructure, such as elevating roadways and improving drainage systems.
- [ ] Replace inadequate or vulnerable bridges and causeways.
- [ ] Work on improving the damage resistance of utilities (electricity, communications, water / wastewater facilities, etc.).
- [ ] Install or improve protective structures, such as floodwalls or levees.
- [ ] Enhance stream maintenance programs/projects
- [ ] Strengthen codes, ordinances, and plans to require higher hazard risk management standards.
- [ ] Buyout flood prone properties and maintain as open-space.
- [ ] Provide better information about hazard risk and high-hazard areas.
- [ ] Inform property owners of ways they can mitigate damage to their properties.
- [ ] Assist vulnerable property owners with securing funding to mitigate impacts to their property(s).
- [ ] Improve access to information about hazard risk and high-hazard areas
- [ ] None
- [ ] Other

19. Please provide a list of projects or programs that your facility or organization would like to complete in order to reduce your vulnerability to damages and losses, including loss of operation/service, to hazard events.

20. Please list any projects or programs that you have recently implemented that you believe will reduce your facility's/organization's vulnerability, damage, and losses (including loss of operation/service) due to hazard events.

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Sullivan County Hazard Mitigation Plan - Neighboring Community Survey

Sullivan County and its participating jurisdictions are in the process of updating the Hazard Mitigation Plan (HMP). The HMP provides a blueprint by which participating jurisdictions can coordinate efforts to reduce losses from natural hazards. The HMP is required by the Federal Emergency Management Agency (FEMA) in order to be eligible for federal grant funding for public and private mitigation projects.

Due to your proximity to Sullivan County, the effects of many natural hazards would be similar in your community and your involvement in this process could reap mutual benefits. By participating in the review of this plan, you will be engaging in the regional coordination of disaster mitigation planning.

The following survey is designed to help Sullivan County gain a better understanding of how their neighboring communities

General Information

The answers provided in this section will be treated as CONFIDENTIAL and will be used solely for the purpose of preparing this plan. Please note that individual answers will not be published in the plan.

1. Name

2. City/Town/Census Designated Place

3. County

4. Department/Agency

5. Email Address

6. Phone Number

Emergency Planning

The following questions are designed to understand the level of collaboration between your jurisdiction and Sullivan County for Emergency Operations Plans and Continuity of Operations Plans.

7. Do you have any shared service agreements or mutual aid agreements in place with Sullivan County or any Sullivan County municipalities?

- [ ] Equipment and staff for debris cleanup and removal
- [ ] Emergency staff for evacuations or disaster response
- [ ] Damage assessments
- [ ] Sheltering
- [ ] Emergency transportation
- [ ] Other

8. If you checked any of the boxes above, please explain.

9. Does Sullivan County or any Sullivan County municipalities or districts participate in your community's Continuity of Operations planning, such as by participating on a planning team, providing resources during an emergency, or agreeing to host some of your community's essential functions in Sullivan County for a period of time?

- ◯ Yes
- ◯ No
- ◯ Don't Know

10. If you checked 'yes' above, please explain.

11. Does your community participate in Sullivan County or any Sullivan County municipality's or district's Continuity of Operations planning, such as by participating on a planning team, providing resources during an emergency, or carrying out some of Sullivan County's essential functions for a period of time?

- ◯ Yes
- ◯ No
- ◯ Don't Know

12. If you checked 'yes' above, please explain.

13. Does your community participate in Sullivan County's comprehensive emergency operations planning, such as by participating on a planning team or providing resources during an emergency?

- ◯
- ◯
- ◯

14. If you checked 'yes' above, please explain.

15. Does Sullivan County or any Sullivan County municipalities participate in your community's comprehensive emergency operations planning, such as by participating on a planning team or providing resources during an emergency?

- ◯
- ◯
- ◯

16. If you checked 'yes' above, please explain.

17. Thinking about EOC and COOP activations, please explain how these events are communicated between your community and Sullivan County.

Information Sharing

The following questions are designed to understand the level of collaboration between your jurisdiction and Sullivan County for sending and receiving information, amplifying messaging, and sharing data.

18. Does your community have access to contact information for Sullivan County's emergency operation centers?

- ◯ Yes
- ◯ No
- ◯ Don't Know

19. Does your community share risk and vulnerability assessments (e.g., flood mapping, GIS, Hazus, etc.) with Sullivan County?

- ◯
- ◯
- ◯

20. Is information regarding mitigation shared during the planning and implementation phases of the projects?

- ◯
- ◯
- ◯

21. Describe any situations or hazards that are of concern to both your community and Sullivan County. For example, would flooding along a particular waterway impact both jurisdictions, or are there any facilities or infrastructure that would affect both jurisdictions if it/they failed?

22. Explain how information is shared between your jurisdiction and Sullivan County and any Sullivan County municipalities regarding mitigation projects.

23. What are opportunities to optimize information sharing between Sullivan County and your community?

Projects, Grants, Education and Outreach

The following questions are designed to understand the level of collaboration between your jurisdiction and Sullivan County for hazard mitigation projects, funding opportunities, emergency management education, and public outreach.

24. Are you aware of any projects or plans for the following categories that requires cross-collaboration between jurisdictional boundaries?

- [ ] Stormwater
- [ ] Watershed
- [ ] Floodplain
- [ ] Connected Roadway Improvements
- [ ] Natural Infrastructure Restoration
- [ ] Public Information and Education
- [ ] Other

25. If you selected anything above, please explain.

26. Has your jurisdiction and Sullivan County or any Sullivan County municipalities collaborated on grant applications?

- ◯ Yes
- ◯ No
- ◯ Don't Know

27. If yes, please explain.

28. Are you aware of any organizations that carry out education and outreach regarding hazards in both your community and Sullivan County?

- ◯ Yes
- ◯ No
- ◯ Don't Know

29. If yes, please explain.

30. What are opportunities to optimize cooperation with Sullivan County on emergency management operations and hazard mitigation projects, grants, education, and outreach?

Evacuation and Sheltering

The following questions are designed to understand the level of collaboration between your jurisdiction and Sullivan County when emergency response evacuation and shelter procedures are activated.

31. Do you collaborate with Sullivan County or any Sullivan County municipalities on establishing evacuation routes and alternate evacuation routes?

- ◯ Yes
- ◯ No
- ◯ Don't Know

32. If yes, please explain.

33. Do you and Sullivan County or any Sullivan County municipalities consult with one another before making evacuation decisions that would impact one another, such as recommended evacuation routes or cross-jurisdiction evacuation orders?

- ◯ Yes
- ◯ No
- ◯ Don't Know

34. If yes, please explain.

35. Are evacuation routes maintained to the same level of protection across jurisdictional lines?

- ◯ Yes
- ◯ No
- ◯ Don't Know

36. If yes, please explain.

37. Do you collaborate with Sullivan County or any Sullivan County municipalities on establishing shelters?

- ◯ Yes
- ◯ No
- ◯ Don't Know

38. If yes, please explain.

39. Do you and Sullivan County or any Sullivan County municipalities consult with one another before making sheltering decisions that would impact one another (recommending emergency shelters in neighboring communities)?

- ◯ Yes
- ◯ No
- ◯ Don't Know

40. If yes, please explain.

41. Do you and Sullivan County share any spaces suitable for temporary housing? This includes locations suitable to place temporary housing units to house residents displaced by a disaster.

- ◯ Yes
- ◯ No
- ◯ Don't Know

42. If yes, please explain.

43. What are opportunities to optimize cross-jurisdiction sheltering and evacuation with Sullivan County?

Final Thoughts

Share any final comments about emergency planning, hazard mitigation, and cross-jurisdictional collaboration with Sullivan County.

44. Final thoughts:

45. Do you have any questions or comments for Sullivan County?

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Microsoft Forms

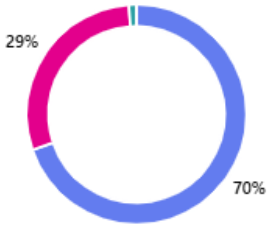
Survey Results

Public Survey Responses Overview

Responses	Average Time	Duration
186	09:27	124 Days

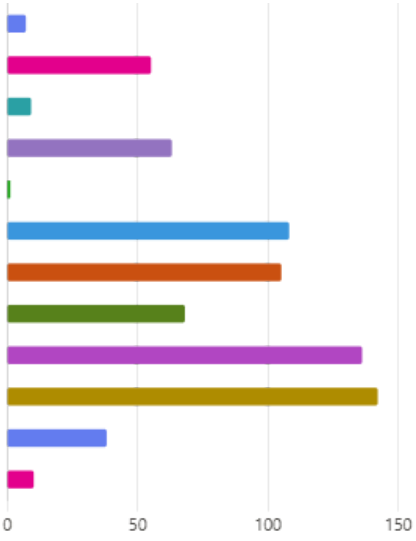
1. Are you familiar with the concept of hazard mitigation and/or resilience?

Yes	127
No	53
Other	2

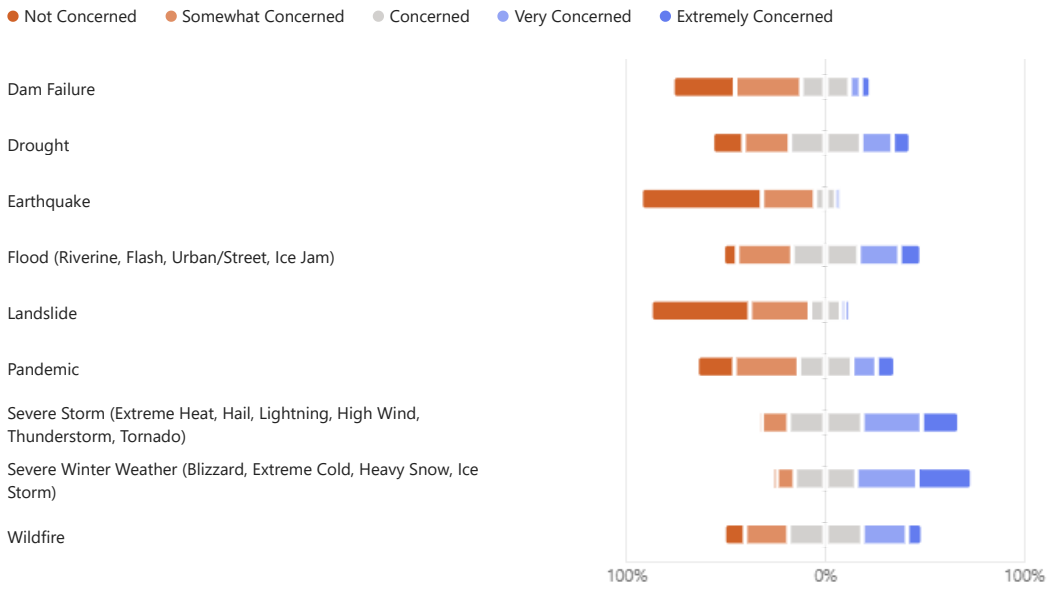


2. In the last five years, which of the following hazards have you experienced in Sullivan County? Check all that apply.

Dam Failure	7
Drought	55
Earthquake	9
Flood (Riverine, Flash, Urban/Street, Ice Jam)	63
Landslide	1
Pandemic	108
Power Outage (Lasting over 12 hours)	105
Power Outage (Lasting over 24 hours)	68
Severe Storm (Extreme Heat, Hail, Lightning, High Wind, Thunderstorm,...	136
Severe Winter Storm (Blizzard, Extreme Cold, Heavy Snow, Ice Storm)	142
Wildfire	38
Other	10



3. How concerned are you about the following hazards impacting Sullivan County?



4. If you selected 'very' or 'extremely' concerned for any of the hazards above please describe the risks and/or impacts that concern you.

109
Responses

Latest Responses
"Loss of life and property"
"The impacts that concerned me are the people/ residents who live by thems... "
...

23 respondents (21%) answered areas for this question.



5. In the past, has your home been damaged by a hazard event (ex. flood waters entering home or wildfire damage)?



6. If yes, please describe the damaged that occurred, including when.

40
Responses

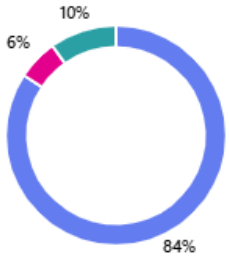
Latest Responses
"Lightening hit my home a few times."

12 respondents (30%) answered damage for this question.



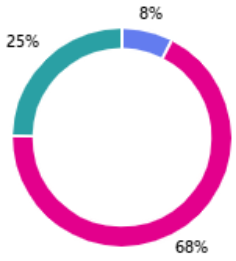
7. Is your home located in a floodplain?

No	155
Yes	11
I don't know	18



8. If your home is located in a floodplain, do you have flood insurance?

Yes	7
No	63
I don't know	23



9. If your home is not located in a floodplain, do you have flood insurance?

Yes	18
No	132
I don't know	22



10. Please identify any buildings or areas in your community or elsewhere in the County that are vulnerable to hazard impacts (e.g., specific properties or areas, critical facilities or infrastructure, community assets, features of the natural environment, etc.).

90
Responses

Latest Responses
...

15 respondents (17%) answered flooded for this question.



11. FEMA defines community lifelines as the most fundamental facilities and services in a community that, when stabilized, enable al l other aspects of society to function (i.e., medical care, shelters, water and wastewater, food supply, law enforcement, fire depar tment response). These lifelines are used in disaster response to prioritize efforts to stabilize critical functions during emergenci es.

Have you ever had difficulty or could not access a critical service or facility within your community before, during or after a haza rd event? Please elaborate below.

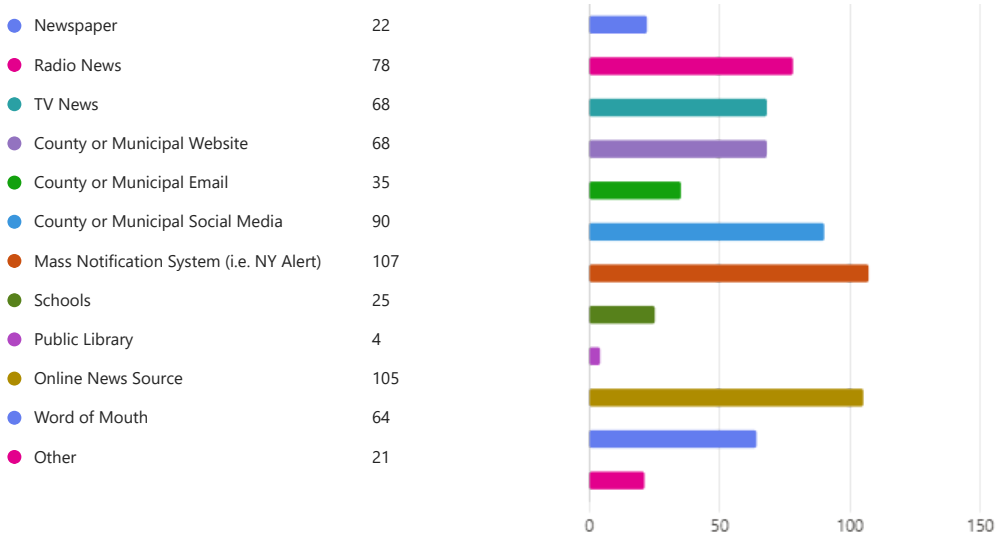
104
Responses

Latest Responses
"Phone access not working."
...

12 respondents (12%) answered Roads for this question.



12. What sources do you rely on to receive up-to-date information on projected hazard events and their impacts? Please select the three you find most effective.



13. Please share any comments, questions or concerns regarding hazard risks, impacts, or mitigation strategies in your municipality and the County.

49
Responses

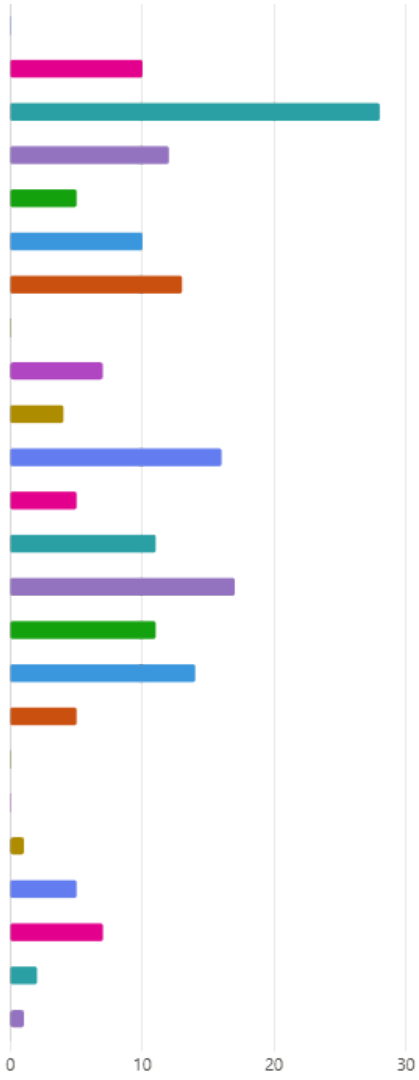
Latest Responses
"I wanted to know how the communication process works for those who don... "
• • •

14 respondents (29%) answered county for this question.



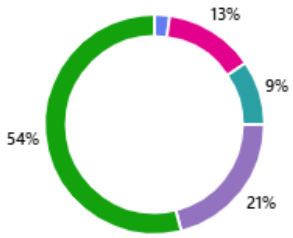
14. Where in Sullivan County do you live?

I do not work or live in Sullivan County.	0
I work in Sullivan County, but do not live here.	10
Town of Bethel	28
Town of Callicoon	12
Town of Cochecton	5
Town of Delaware	10
Town of Fallsburg	13
Town of Forestburgh	0
Town of Fremont	7
Town of Highland	4
Town of Liberty	16
Town of Lumberland	5
Town of Mamakating	11
Town of Neversink	17
Town of Rockland	11
Town of Thompson	14
Town of Tusten	5
Village of Ateres	0
Village of Bloomburg	0
Village of Jeffersonville	1
Village of Liberty	5
Village of Monticello	7
Village of Woodridge	2
Village of Wurtsboro	1



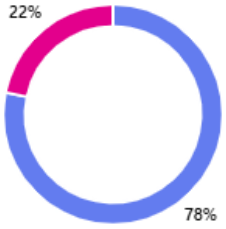
15. How long have you lived there?

Less than 1 year	4
1 to 5 years	24
6 to 9 years	17
10 to 19 years	38
20 years or more	97



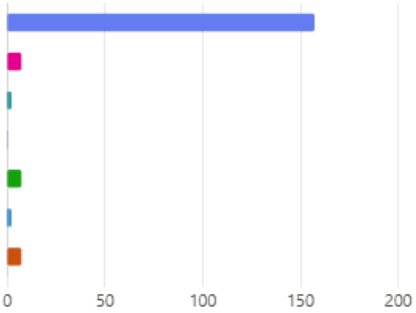
16. Do you own or rent your place of residence?

Own	140
Rent	39



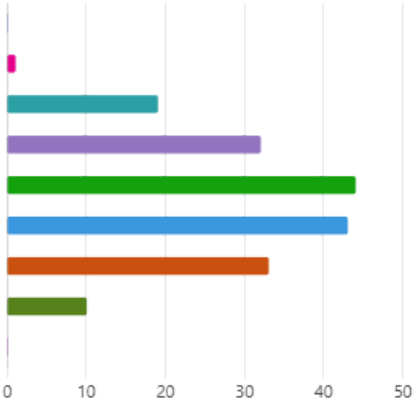
17. What type of residence do you live in?

Single-family detached	157
Multi-family detached	7
Town Home	2
Condominium	0
Apartment Complex	7
Commercial	2
Other	7



18. How old are you?

Under 18	0
18-24	1
25-34	19
35-44	32
45-54	44
55-64	43
65-74	33
75-84	10
85+	0



Stakeholder Survey Responses Overview

Responses	Average Time	Duration
5	21:20	223 Days

1. Respondent's Name

5
Responses

2. Respondent's Email Address

5
Responses

3. Stakeholder Organization and Respondent's Role/Position

5
Responses

Latest Responses
"CCE Sullivan - Ag and Food Systems Issue Leader"
"town of rockland water/sewer"
"Sullivan County Community College, VP for Administrative Services"
...

4. Organization's Website

5
Responses

Latest Responses
"www.sullivancce.org"
"townofrocklandny.gov"
"sunysullivan.edu"
...

5. Please describe your organization's goals and objectives, what kind of services or products it offers, its primary clients/customers or market, and its geographical region of operation

5
Responses

Latest Responses

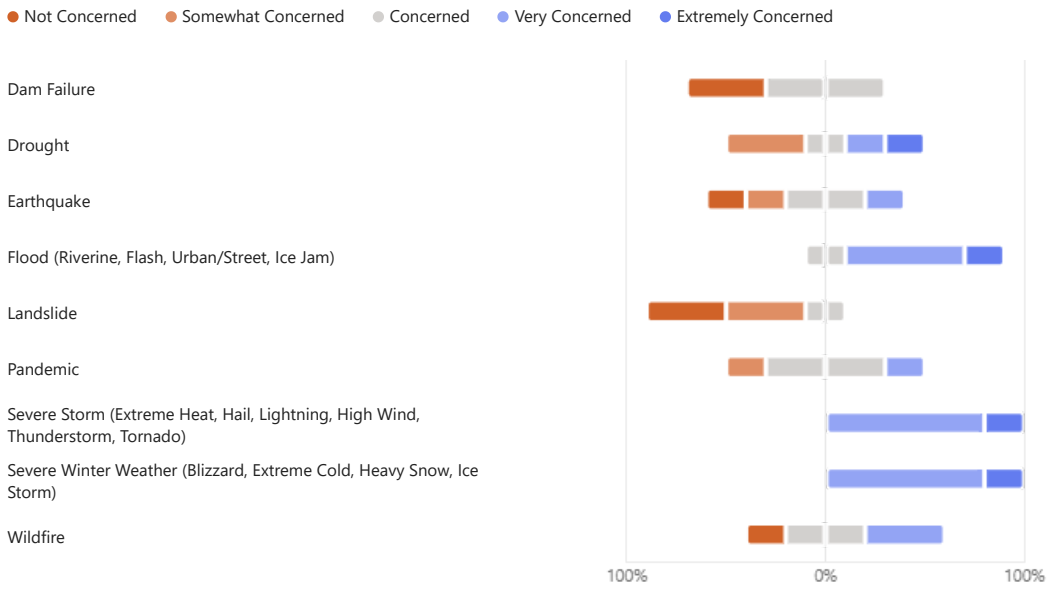
"Cornell Cooperative Extension Sullivan County's mission is to share research ..."

"prove treated water to town,, maintain town wwtp."

"Operates in Sullivan County, demographic students in and around Sullivan C..."

• • •

6. How concerned are you about the following hazards impacting Sullivan County?



7. If you selected 'very' or 'extremely' concerned for any of the hazards above, please describe the risks and/or impacts that impact the County and/or your organization's mission and services.

5
Responses

Latest Responses

"Sullivan County has experienced extreme flooding, drought and unexpected..."

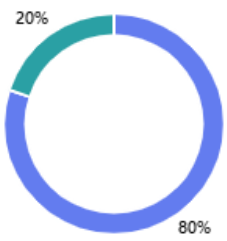
"power failure, not able to delver safe clean water. treatment plant may be in..."

"any of these hazards would impact the day to day operations of the college, ..."

• • •

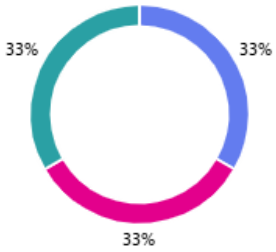
8. Does your organization have fixed or mobile assets located in a floodplain?

No	4
Yes	0
I don't know	1



9. If yes, does your organization have flood insurance?

Yes	1
No	1
I don't know	1



10. Please identify any vulnerable members or groups of your community that may be at risk before, during or after a hazard event. What resources or services would assist these people to better prepare for, cope with and recover from the impacts of hazard e vents?

4
Responses

Latest Responses
"the farming community. CCE Sullivan is in the process of developing a C.A.R...."
"commuter campus model would show that students would have difficulty g... "
• • •

11. Does your organization offer resources or services to assist these people to better prepare for, cope with and recover from the i mpacts of hazard events? If so, please describe.

4
Responses

Latest Responses
"yes, see above."
"I am sure the town hall have the sources and contact list for it"
"the college has relationships with organizations to help in lieu of a hazard, al..."
• • •

12. Do you have information to share about other existing resources or services offered to assist at-risk populations better prepare for, cope with and recover from the impacts of hazard events?

4
Responses

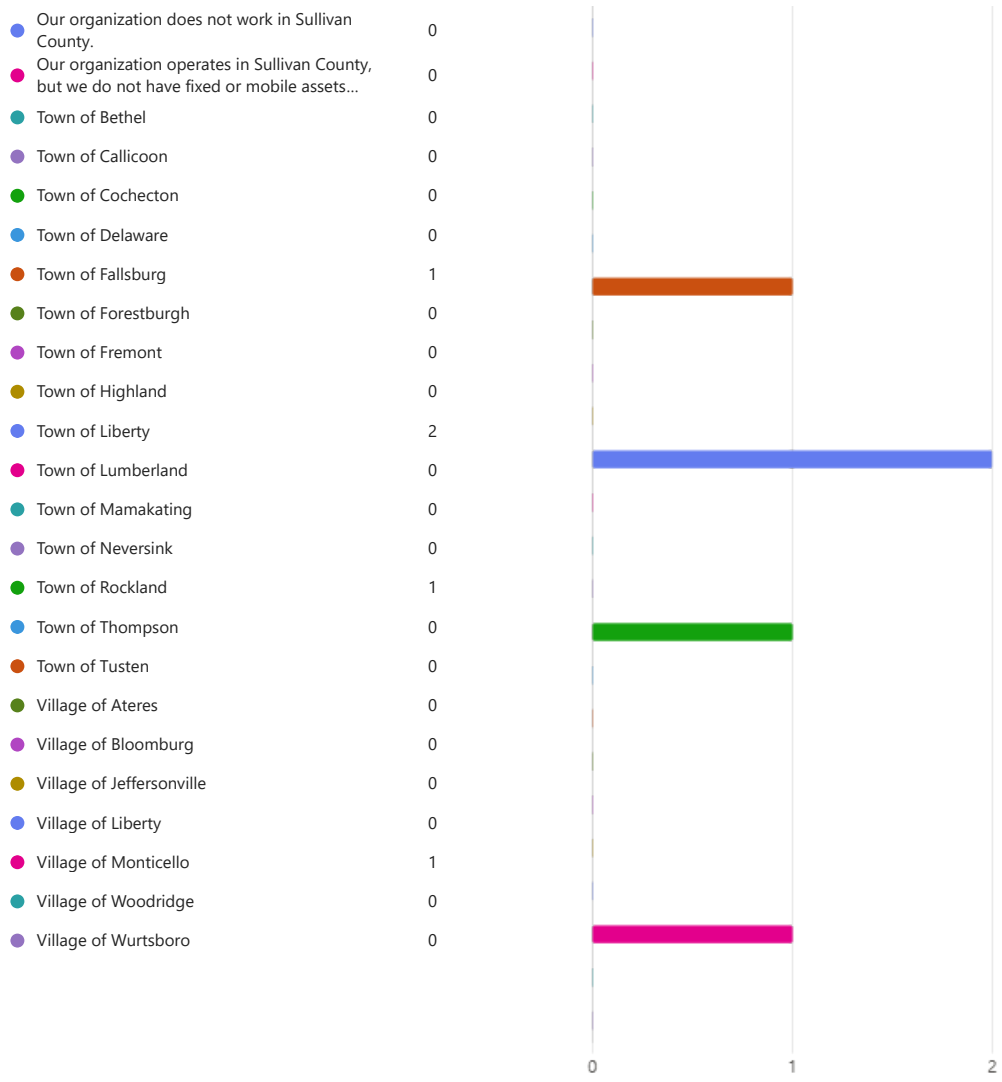
Latest Responses
"Cornell University Eden program."
"town supervier got this source."
"-"
• • •

13. What are the most effective ways to communicate with at-risk populations? Examples include written materials in bi-/multi-ling ual formats, face-to-face, preferred media resources/outlets, through trusted members of the community (religious leaders, com munity leaders), etc. Do you have any examples you can share?

5
Responses

Latest Responses
"all of the above since we serve a variety of people."
"radio, cell text (if working). not in bi/multi formats. whic cost more for it."
"the college uses many tools to send out messaging, to integrate messaging ... "
• • •

14. Where in Sullivan County is your organization based?



15. Please identify economic assets and drivers whose losses and inability to operate would severely impact the community and its ability to recover from a disaster.

4
Responses

Latest Responses

"farm operations."

"na"

"road system, culverts, pathways to campus, service ect."

• • •

16. Please share any comments, questions, or concerns regarding planning for and engaging at-risk groups, hazard risks and impac ts and hazard mitigation related to your organization's work.

3
Responses

Latest Responses

"na"

"accessibility is a concern, ensuring that in times of need the campus is acces... "

• • •

17. Please describe any challenges or barriers to reducing vulnerability in Sullivan County.

3
Responses

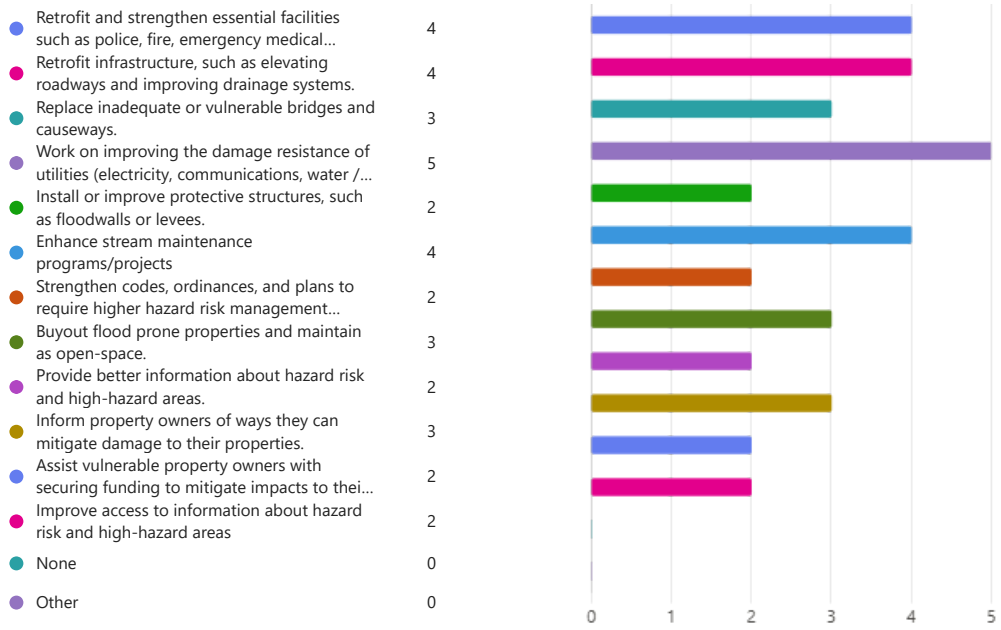
Latest Responses

"as mentioned above, developing a CART program and providing technical a... "

"broadband access, transportation alternatives,"

• • •

18. What types of projects would reduce the damage and disruption of hazards in Sullivan County?



19. Please provide a list of projects or programs that your facility or organization would like to complete in order to reduce your vul nerability to damages and losses, including loss of operation/service, to hazard events.

5
Responses

Latest Responses

"as mentioned above, educational outreach for farms."

"upgrade water system with better video cams system, stand-by power syste... "

"infrastructure assessment as it relates to the facilities master plan"

• • •

20. Please list any projects or programs that you have recently implemented that you believe will reduce your facility's/organizatio n's vulnerability, damage, and losses (including loss of operation/service) due to hazard events.

3
Responses

Latest Responses

"as mentioned, we are in the process of developing a CART program and pro... "

"new wells and tank projects are slated in 2-3 years from this year."

• • •

Neighboring Community Survey Responses Overview

Responses	Average Time	Duration
6	20:01	124 Days

1. Name

6
Responses

2. City/Town/Census Designated Place

6
Responses

Latest Responses
"Shawangunk"
"Damascus Township"
"Pike County PA"
• • •

3. County

6
Responses

Latest Responses
"Ulster"
"Wayne"
"Pike"
• • •

4. Department/Agency

6
Responses

Latest Responses
"Town council"
"Emergency Management Coordinator"
"Pike County Public Safety"
• • •

5. Email Address

6

Responses

6. Phone Number

6

Responses

7. Do you have any shared service agreements or mutual aid agreements in place with Sullivan County or any Sullivan County municipalities?

Equipment and staff for debris cleanup and removal	0
Emergency staff for evacuations or disaster response	1
Damage assessments	0
Sheltering	0
Emergency transportation	0
Other	1



8. If you checked any of the boxes above, please explain.

2

Responses

Latest Responses

"Fire service mutual aid plan"

9. Does Sullivan County or any Sullivan County municipalities or districts participate in your community's Continuity of Operations planning, such as by participating on a planning team, providing resources during an emergency, or agreeing to host some of your community's essential functions in Sullivan County for a period of time?

Yes	0
No	3
Don't Know	3



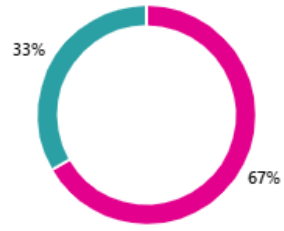
10. If you checked 'yes' above, please explain.

0 responses submitted

0
Responses

11. Does your community participate in Sullivan County or any Sullivan County municipality's or district's Continuity of Operations p lanning, such as by participating on a planning team, providing resources during an emergency, or carrying out some of Sulliva n County's essential functions for a period of time?

Yes	0
No	4
Don't Know	2



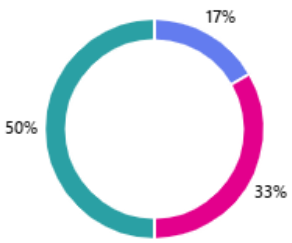
12. If you checked 'yes' above, please explain.

0 responses submitted

0
Responses

13. Does your community participate in Sullivan County's comprehensive emergency operations planning, such as by participating on a planning team or providing resources during an emergency?

Yes	1
No	2
Don't Know	3



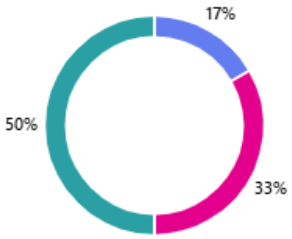
14. If you checked 'yes' above, please explain.

1
Responses

Latest Responses
"Our fire departments respond when called to emergencies in Sullivan county."

15. Does Sullivan County or any Sullivan County municipalities participate in your community's comprehensive emergency operatio ns planning, such as by participating on a planning team or providing resources during an emergency?

Yes	1
No	2
Don't Know	3



16. If you checked 'yes' above, please explain.

1
Responses

Latest Responses
"Mutual Aid Fire Departments"

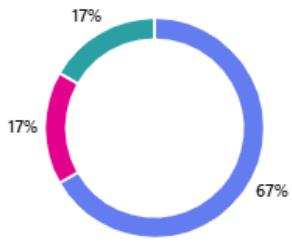
17. Thinking about EOC and COOP activations, please explain how these events are communicated between your community and S ullivan County.

3
Responses

Latest Responses
"Ulster county 911"
"Mutual Aid activated by the 911 system"
"Via 911 centers"

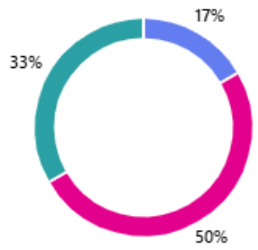
18. Does your community have access to contact information for Sullivan County's emergency operation centers?

Yes	4
No	1
Don't Know	1



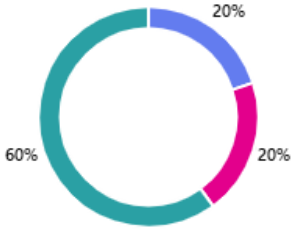
19. Does your community share risk and vulnerability assessments (e.g., flood mapping, GIS, Hazus, etc.) with Sullivan County?

Yes	1
No	3
Don't Know	2



20. Is information regarding mitigation shared during the planning and implementation phases of the projects?

Yes	1
No	1
Don't Know	3



21. Describe any situations or hazards that are of concern to both your community and Sullivan County. For example, would floodin g along a particular waterway impact both jurisdictions, or are there any facilities or infrastructure that would affect both jurisdic tions if it/they failed?

6
Responses

Latest Responses

"Brush fires mostly. Not sure on infrastructure"

"Flooding of the Delaware River could hamper assistance due to road damag... "

"Delaware River"

• • •

22. Explain how information is shared between your jurisdiction and Sullivan County and any Sullivan County municipalities regardi ng mitigation projects.

5
Responses

Latest Responses

"Email"

"No mitigation plans"

"County Planning"

• • •

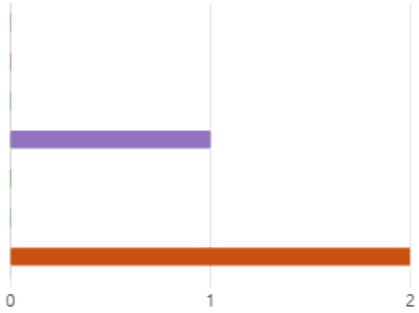
23. What are opportunities to optimize information sharing between Sullivan County and your community?

2
Responses

Latest Responses
"This would be a County EMA opportunity since Wayne County has multiple ... "

24. Are you aware of any projects or plans for the following categories that requires cross-collaboration between jurisdictional boundaries?

Stormwater	0
Watershed	0
Floodplain	0
Connected Roadway Improvements	1
Natural Infrastructure Restoration	0
Public Information and Education	0
Other	2



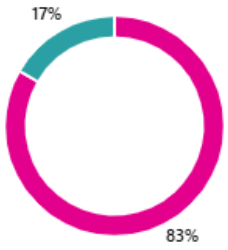
25. If you selected anything above, please explain.

1
Responses

Latest Responses
"Mutual Aid fire, ambulance access to hospitals on both sides of the river"

26. Has your jurisdiction and Sullivan County or any Sullivan County municipalities collaborated on grant applications?

Yes	0
No	5
Don't Know	1



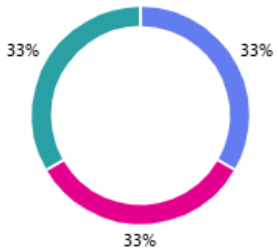
27. If yes, please explain.

0
Responses

0 responses submitted

28. Are you aware of any organizations that carry out education and outreach regarding hazards in both your community and Sulliv an County?

Yes	2
No	2
Don't Know	2



29. If yes, please explain.

2
Responses

Latest Responses
"Pema on"

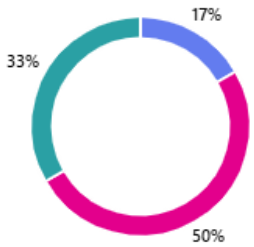
30. What are opportunities to optimize cooperation with Sullivan County on emergency management operations and hazard mitiga tion projects, grants, education, and outreach?

4
Responses

Latest Responses
"I believe we haven't done any but reaching out to us would be a start"
"Possibly training opportunities for first responders and local government inv... "

31. Do you collaborate with Sullivan County or any Sullivan County municipalities on establishing evacuation routes and alternate e vacuation routes?

Yes	1
No	3
Don't Know	2



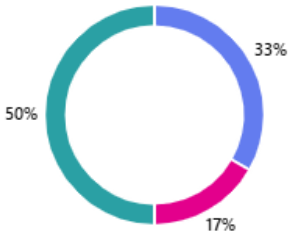
32. If yes, please explain.

0
Responses

0 responses submitted

33. Do you and Sullivan County or any Sullivan County municipalities consult with one another before making evacuation decisions that would impact one another, such as recommended evacuation routes or cross-jurisdiction evacuation orders?

Yes	2
No	1
Don't Know	3



34. If yes, please explain.

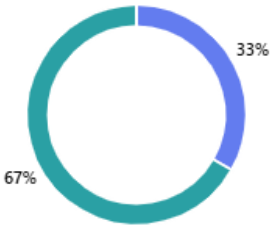
1
Responses

Latest Responses

"Sullivan would contact ulster county 911 and I believe contact our town sup... "

35. Are evacuation routes maintained to the same level of protection across jurisdictional lines?

Yes	2
No	0
Don't Know	4



36. If yes, please explain.

1
Responses

Latest Responses

"Our roads are maintained to the same standards"

37. Do you collaborate with Sullivan County or any Sullivan County municipalities on establishing shelters?

Yes	0
No	3
Don't Know	3



38. If yes, please explain.

0
Responses

0 responses submitted

39. Do you and Sullivan County or any Sullivan County municipalities consult with one another before making sheltering decisions t hat would impact one another (recommending emergency shelters in neighboring communities)?

Yes	0
No	3
Don't Know	3



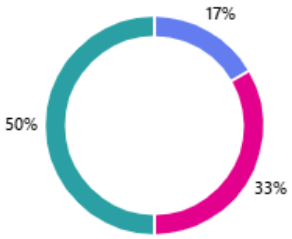
40. If yes, please explain.

0
Responses

0 responses submitted

41. Do you and Sullivan County share any spaces suitable for temporary housing? This includes locations suitable to place temporary housing units to house residents displaced by a disaster.

Yes	1
No	2
Don't Know	3



42. If yes, please explain.

0
Responses

0 responses submitted

43. What are opportunities to optimize cross-jurisdiction sheltering and evacuation with Sullivan County?

3
Responses

Latest Responses

"Contacting our county emergency management"

"Major flood events may make crossing the Delaware River impossible. Locali... "

44. Final thoughts:

0
Responses

0 responses submitted

45. Do you have any questions or comments for Sullivan County?

0
Responses

0 responses submitted

APPENDIX D: PARTICIPATION MATRIX

The matrix in Appendix D is intended to give a broad overview of FEMA, New York State, County, municipal and stakeholder personnel that participated in the Sullivan County HMP update planning process. Meeting attendees and input provided are also included. All participants were encouraged to attend the kick-off meeting, risk assessment meeting, and mitigation strategy workshop. Participants unable to attend a Steering Committee and Planning Partnership meeting were provided with access to meeting recordings and materials, as applicable. During the planning process the consultant contacted each participant to offer support, explain the process, and facilitate the submittal and review of critical documents.

Participation is defined as having input to the hazard analysis (providing critical facility, hazard event, vulnerability data), and as having participated in the mitigation workshop or alternate annex meetings as described in the HMP for the purpose of creating a mitigation strategy to be included in each jurisdictional annex in Volume II.

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Sullivan County Division of Planning	Heather Brown	Commissioner	X	X	X			X	X	X	X		X	
Sullivan County Division of Planning	Justin Rocque	Planner	X	X		X		X	X	X	X		X	
Sullivan County Grants Administration	Arthur Hussey	Director	X	X						X				
Sullivan County Office of Sustainable Energy	Stephen Stuart	Sustainability Analyst	X	X										
Sullivan County Sheriff's Office	Mike Schiff	Sheriff	X	X										
Sullivan County Sheriff's Office	Eric Chaboty	Undersheriff	X	X										
Sullivan County Sheriff's Office	Ryan Fridlich	Detective	X	X							X			
Sullivan County Department of Public Works	Ed McAndrew	Commissioner	X	X						X	X			
Sullivan County Department of Public Works	Roman DiCio	Engineer	X	X						X	X			
Sullivan County Department of Public Works	Dermot Dowd	Engineer	X	X							X			

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Sullivan County Department of Public Safety	Scott Schulte	Commissioner	X	X						X	X			
Sullivan County Department of Public Safety	John Hauschild	Deputy Commissioner, Fire Coordinator	X	X				X						
Sullivan County Department of Public Safety	Charlie Rampe	Chief Dispatcher	X	X				X						
Sullivan County Department of Public Safety	Alex Rau	EMS/911 Coordinator	X	X						X			X	
Sullivan County Department of Public Safety	Erin O'Brien	Confidential Secretary	X	X										
Sullivan County Real Property Tax Services	Christopher Knapp	Director	X	X										
Sullivan County Health and Human Services	John Liddle	Commissioner	X	X				X						
Sullivan County Division of Community Resources	Laura Quigley	Commissioner	X	X										
Sullivan County County Manager's Office	Dan Hust	Director of Communications	X	X										
Sullivan County Cornell Cooperative Extension	Melinda Meddaugh	Agriculture & Food Systems Senior Issue Leader	X	X										

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Sullivan County Soil and Water Conservation District	Brian Brustman	District Manager	X	X										
Sullivan County Division of Planning	Heather Jacksy	Director	X	X									X	
Sullivan County Office for the Aging	Lise-Anne Deoul	Director	X	X									X	
Sullivan County Division of Planning	Heather Brown	Commissioner	X	X	X			X	X	X	X		X	
Sullivan County Division of Planning	Justin Rocque	Planner	X	X		X		X	X	X	X		X	
Sullivan County Grants Administration	Arthur Hussey	Director	X	X						X				
Sullivan County Office of Sustainable Energy	Stephen Stuart	Sustainability Analyst	X	X										
Sullivan County Sheriff's Office	Mike Schiff	Sheriff	X	X										
Sullivan County Sheriff's Office	Eric Chaboty	Undersheriff	X	X										
Sullivan County Sheriff's Office	Ryan Fridlich	Detective	X	X							X			
Sullivan County Department of Public Works	Ed McAndrew	Commissioner	X	X						X	X			

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Sullivan County Department of Public Works	Roman DiCio	Engineer	X	X						X	X			
Sullivan County Department of Public Works	Dermot Dowd	Engineer	X	X							X			
Sullivan County Department of Public Safety	Scott Schulte	Commissioner	X	X						X	X			
Sullivan County Department of Public Safety	John Hauschild	Deputy Commissioner, Fire Coordinator	X	X				X						
Sullivan County Department of Public Safety	Charlie Rampe	Chief Dispatcher	X	X				X						
Sullivan County Department of Public Safety	Alex Rau	EMS/911 Coordinator	X	X						X			X	
Sullivan County Department of Public Safety	Erin O'Brien	Confidential Secretary	X	X										
Sullivan County Real Property Tax Services	Christopher Knapp	Director	X	X										
Sullivan County Health and Human Services	John Liddle	Commissioner	X	X				X						

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Sullivan County Division of Community Resources	Laura Quigley	Commissioner	X	X										
Sullivan County County Manager's Office	Dan Hust	Director of Communications	X	X										
Sullivan County Cornell Cooperative Extension	Melinda Meddaugh	Agriculture & Food Systems Senior Issue Leader	X	X										
Sullivan County Soil and Water Conservation District	Brian Brustman	District Manager	X	X										
Sullivan County Division of Planning	Heather Jacksy	Director	X	X									X	
Village of Ateres	Zisha Berger	Village Clerk		X	X				X					X
Village of Ateres	S Lebovitz	Village Secretary		X		X								
Town of Bethel	Daniel Sturm	Town Supervisor		X	X									
Town of Bethel	Kelly Bonnaci	Confidential Secretary to the Supervisor		X										
Town of Bethel	Rita Sheehan	Town Clerk		X		X								X
Town of Bethel	Joseph W. Smith Jr.	Building Inspector		X										
Town of Bethel	Robert Bonnaci	Highway Superintendent		X										
Town of Bethel	BJ Gettle	Building Inspector		X										X
Village of Bloomingburg	Eziel Fleischman	Village Mayor		X		X							X	
Village of Bloomingburg	Debra Beuerman	Village Clerk		X	X									

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Village of Bloomingburg	Don Roat	Code Enforcement Officer		X					X					X
Village of Bloomingburg	Y. Braver	Municipal Representative		X										X
Town of Callicoon	Tom Bose	Town Supervisor		X	X							X		
Town of Callicoon	Kim Klein	Town Clerk		X		X								
Town of Callicoon	Kristopher Scullion	Code Enforcement Officer		X										
Town of Callicoon	Ryan Bose	Highway Superintendent		X								X		
Town of Cochecton	Gary Maas	Town Supervisor		X	X									
Town of Cochecton	Maryann Oumrim	Town Clerk		X		X								
Town of Cochecton	Charles Nystrom	Code Enforcement Officer		X										
Town of Cochecton	Jeff Daub	Highway Superintendent		X										
Town of Delaware	Scott Dubois	Town Supervisor		X	X									
Town of Delaware	Tess McBeath	Town Clerk		X		X								
Town of Delaware	Kristopher Scullion	Code Enforcement Officer		X										
Town of Delaware	Chris Hermann	Highway Superintendent		X										
Town of Fallsburg	Nathan Steingart	Town Supervisor		X	X									
Town of Fallsburg	Jen Edwards	Confidential Secretary to the Supervisor		X										X
Town of Fallsburg	Paula Grogan	Town Clerk		X		X								
Town of Fallsburg	Linval Morris	Code Enforcement Officer		X										
Town of Fallsburg	Anthony Dworetsky	Highway Superintendent		X										
Town of Forestburgh	Daniel S. Hogue, Jr.	Town Supervisor		X	X									

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Town of Forestburgh	Wendy Wells	Confidential Secretary to the Supervisor		X										
Town of Forestburgh	Teresa Collins	Town Clerk		X		X								
Town of Forestburgh	Kaitlen Castillo	Code Enforcement Officer		X										
Town of Forestburgh	Joseph Ruggeri	Highway Superintendent		X							X			
Town of Fremont	Brian Brustman	Town Supervisor		X	X									X
Town of Fremont	Jody Schanil	Town Clerk		X		X								
Town of Fremont	John Kline	Code Enforcement Officer		X										
Town of Fremont	Steve Pfefferkorn	Highway Superintendent		X										
Town of Highland	John Pizzolato	Town Supervisor		X	X									X
Town of Highland	Susan Hoffman	Town Clerk		X										X
Town of Highland	Mary Jones-Mellett	Code Enforcement Clerk		X										X
Town of Highland	Joe Barnes	Highway Superintendent		X										X
Town of Highland	Frank Monteleone	Vice Chairman of the Planning Board		X		X			X					
Village of Jeffersonville	William Chellis	Village Mayor		X										
Village of Jeffersonville	Colleen Freitas	Village Clerk		X		X								
Village of Jeffersonville	Kristofer Scullion	Code Enforcement Officer		X	X									
Village of Jeffersonville	William Chellis	Highway Superintendent		X										
Town of Liberty	Frank DeMayo	Town Supervisor		X	X				X		X		X	
Town of Liberty	Nick Rusin	Confidential Secretary to the Supervisor		X										

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Town of Liberty	Laurie Dutcher	Town Clerk		X		X								
Town of Liberty	Tammy Wilson	Building Department		X										
Town of Liberty	Matt Dewitt	Highway Superintendent		X										
Village of Liberty	Joan Stoddard	Village Mayor		X	X									
Village of Liberty	Judy Zurawski	Village Clerk		X		X								
Village of Liberty	Dave Burke	Director of Public Works		X										X
Village of Liberty	Marisol Torrens	Code Enforcement Officer		X										
Town of Lumberland	Suzanne Edzenga	Town Supervisor		X	X									
Town of Lumberland	Ariana Digiovanni	Confidential Assistant to the Supervisor		X										
Town of Lumberland	Laurie Terry	Town Clerk		X		X					X			
Town of Lumberland	Charles Nystrom	Code Enforcement Officer		X										
Town of Lumberland	Donald Hunt, Jr.	Highway Superintendent		X							X			
Town of Mamakating	Michael Robbins	Town Supervisor		X	X									
Town of Mamakating	Karen Barclay	Town Clerk		X		X								
Town of Mamakating	Mary Grass	Code Enforcement Officer		X					X					
Town of Mamakating	Thomas Morrow	Highway Superintendent		X					X		X			
Town of Mamakating	Kyra Platt	Administrative Specialist for Building, Planning and Zoning		X					X					
Town of Mamakating	Megan Comfort	Clerk for Building, Planning, and Zoning		X					X					

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Town of Mamakating	Kelsey Calhoun	Account Clerk for Building, Planning, and Zoning		X					X					
Village of Monticello	Rochelle Massey	Village Mayor		X	X									
Village of Monticello	Janine Gandy-McKinney	Village Clerk		X		X								
Village of Monticello	James Snowden	Village Manager		X								X		
Village of Monticello	Jay Sherb	Highway Superintendent		X								X		
Town of Neversink	Chris Mathews	Town Supervisor		X	X							X		
Town of Neversink	Brenda Devore	Supervisor's Assistant		X										
Town of Neversink	Staci Conjura	Town Clerk		X		X								
Town of Neversink	Glenn Gabbard	Code Enforcement Officer		X										
Town of Neversink	Preston Kelly	Highway Superintendent		X										
Town of Rockland	Robert Eggleton	Town Supervisor		X	X									
Town of Rockland	Jennifer DeVantier	Secretary to the Supervisor		X										
Town of Rockland	Marinella Di Vita	Town Clerk		X		X					X			
Town of Rockland	Glenn Gabbard	Code Enforcement Officer		X										
Town of Rockland	Roger Decker	Highway Superintendent		X										
Town of Thompson	Bill Rieber, Jr.	Town Supervisor		X	X									
Town of Thompson	Karen Schaefer	Confidential Secretary to the Supervisor		X										
Town of Thompson	Marilee Calhoun	Town Clerk		X		X						X		
Town of Thompson	James Carnell, Jr.	Director, Building, Planning & Zoning Dept.		X								X		

Jurisdiction	Name	Title	SC Member	PP Member	Primary Point of Contact	Secondary Point of Contact	NFIP FPA	SC Kick Off 111325	PP Kick Off 111325	SC RA 012726	In-Person Annex Meeting 021826	In-Person Annex Meeting 021926	Draft Plan Review 050626	Individual Virtual Meeting(s)
Town of Thompson	Hayden Carnell	Highway Superintendent		X										
Town of Tusten	Ben Johnson	Town Supervisor		X	X									X
Town of Tusten	Kelly Agar	Confidential Secretary to the Supervisor		X										
Town of Tusten	Crystal Weston	Town Clerk		X		X								
Town of Tusten	Jim Crowley	Code Enforcement Officer		X										
Town of Tusten	Donald Neiger	Highway Superintendent		X										
Town of Tusten	Jane Luchsinger	Deputy Town Supervisor		X										X
Village of Woodridge	Danielle Ricco	Planning Board Secretary		X	X									
Village of Woodridge	Jim Gerrard	Building Inspector		X		X								
Village of Woodridge	Richard Manly	Building Inspector		X										X
Village of Woodridge	Thomas Decker	Emergency/Disaster Liaison		X										X
Village of Woodridge	David Schlesinger	Mayor		X										X
Village of Wurtsboro	Frank Cisco	Village Mayor		X	X									
Village of Wurtsboro	Gina Langowsky	Village Clerk		X		X			X			X		

Notes:
SC = Steering Committee
PP = Planning Partnership
RA = Risk Assessment
NFIP = National Floodplain Insurance Program
FPA = Floodplain Administrator

APPENDIX E: ACTION WORKSHEET TEMPLATE

This appendix includes the instructions and template provided for the development of Mitigation Strategy Action Worksheets. These worksheets are included in each jurisdictional annex of the plan in compliance with NYS DHSES Mitigation Guidance.

Action Name:		
Lead Agency:		
Supporting Agencies:		
Hazard(s) of Concern:	☐Dam Failure ☐Drought ☐Earthquake ☐Flood	☐Landslide ☐Pandemic ☐Severe Storm ☐Severe Winter Storm ☐Wildfire
Description of the Problem:		
Description of the Solution:		
Estimated Cost:		
Potential Funding Sources:		
Implementation Timeline:		
Goals Met:		
Benefits:		
Impact on At Risk Populations:		
Impact on Future Development:		
Impact on Critical Facilities/Lifelines:		
Impact on Capabilities:		
Future Projection Considerations:		
Mitigation Category	☐Local Plans and Regulations (LPR) ☐Structure and Infrastructure Project (SIP)	☐Natural Systems Protection (NSP) ☐Education and Awareness Programs (EAP)
CRS Category	☐Preventative Measures (PR) ☐Property Protection (PP) ☐Public Information (PI)	☐Natural Resource Protection (NR) ☐Structural Flood Control Projects (SP) ☐Emergency Services (ES)
Priority	☐High	☐Medium ☐Low
Alternatives:	Action	Evaluation
	No Action	Current problem continues

GUIDANCE TO COMPLETE THE MITIGATION ACTION WORKSHEET

The following provides additional guidance on how to complete the Mitigation Action Worksheet. Please note that NYS DHSES requires a minimum of two proposed mitigation activities.

Action Worksheet

Action Name: Each action must have a unique project number referenced here and in the Action Tables.

Lead Agency: Identify the name of a department or agency responsible for implementation, not the jurisdiction.

Supporting Agencies: Identify the name of any departments or agencies which will support the efforts of the lead agency.

Hazard(s) of Concern: Please identify the hazard(s) being addressed with this action. The Hazards of Concern included in the Sullivan County Hazard Mitigation Plan include:

- Dam Failure
- Drought
- Earthquake
- Flood
- Landslide
- Pandemic
- Severe Storm
- Severe Winter Storm
- Wildfire

Description of the Problem: Provide a detailed narrative of the problem. Describe the natural hazard you wish to mitigate, its impacts to the jurisdiction, past damages, and loss of service, etc. Include the street address of the property/project location (if applicable), adjacent streets, and easily identified landmarks such as water bodies and well-known structures, and end with a brief description of existing conditions (topography, terrain, hydrology) of the site.

Description of the Solution: Provide a detailed narrative of the solution. Describe the physical area (project limits) to be affected, both by direct work and by the project's effects; how the action would address the existing conditions previously identified; proposed construction methods, including any excavation and earth-moving activities; where you are in the development process (e.g., are studies and/or drawings complete), etc., the extent of any analyses or studies performed (attach any reports or studies).

Estimated Cost: Provide an estimated cost for implementation; rough dollar figures are preferred, but if unknown, a specified range is acceptable. Consider all costs associated with implementation. (Low <$10,000, Medium $10,000-$100,000, High >$100,000).

Potential Funding Source(s): Multiple sources of potential funding should be listed when appropriate.

Estimated Time Required for Project Implementation: Provide the estimated time required to complete the project from start to end. (Short-term, Long-term, or On-going/Continuous)

Goals Met:

- Goal 1: Promote a comprehensive countywide hazard mitigation program that includes coordination among County departments, jurisdictions and federal, state, and local organizations.
- Goal 2: Protect lives and existing property, including all populations at risk from hazards and vulnerable public, historic, and private structures and critical facilities and infrastructure.
- Goal 3: Increase awareness of hazard risk and mitigation capabilities among stakeholders, citizens, elected officials, and property owners to enable the successful implementation of mitigation strategies.
- Goal 4: Encourage the development and implementation of long-term, cost effective, and resilient mitigation projects to preserve or restore the functions of natural systems.

- Goal 5: Build stronger by promoting mitigation actions that emphasize sustainable construction and design measures to reduce or eliminate the impacts of natural hazards now and in the future.
- Goal 6: Address long-term vulnerabilities from high hazard potential dams and at-risk dams.

Benefits: Identify the benefits that implementation of this project will provide. If dollar amounts are known, include them. If dollar amounts are unknown or are unquantifiable, describe the losses that will be avoided.

Impact on At Risk Populations: Provide a narrative on how this action will impact at risk populations within the jurisdiction and other impacted areas. These impacts can be positive or negative.

Impact on Future Development: Provide a narrative on how this action will impact future development within the jurisdiction and other impacted areas. These impacts can be positive or negative.

Impact on Critical Facilities/Lifelines: Provie a narrative on how this action will impact critical facilities and community lifelines within the jurisdiction and other impacted areas. These impacts can be positive or negative.

Impact on Capabilities: Provide a narrative on how this action will impact capabilities within the jurisdiction and other impacted areas. These impacts can be positive or negative.

Future Projection Considerations: Provide a brief narrative on how future climatic projections may exacerbate conditions which could impact this action.

Mitigation Action Type:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities.

CRS Category:

- Preventative Measures (PR) – These actions focus on activities that aim to reduce the risk of flooding and protect communities from potential flood damage. This category includes measures such as flood hazard mapping and floodplain management planning.
- Property Protection (PP) – These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.
- Public Information (PI) – Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.

- Natural Resource Protection (NR) – Actions that minimize hazard loss and preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.
- Structural Flood Control Projects (SP) – Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.
- Emergency Services (ES) – Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities

Prioritization: Please enter High/Medium/Low. Refer to the prioritization exercise and table.

Actions/Projects Considered: Please consider three different options to mitigate the problem identified. One alternative is always to accept the current level or risk (tolerate the vulnerability/problem) by deciding to take no action at this time. If you choose to take no action, please complete the worksheet up to and including this section and this will be noted in the Plan.

Please include the name of the action considered and a brief reason as to why the action was not selected. The reasoning documents the consideration of these alternatives.

Guidance to Complete the Prioritization Table

Complete this table to help evaluate and prioritize each mitigation action being considered by your municipality. Please use these 14 criteria to assist in evaluating and prioritizing new mitigation actions identified. Specifically, for each new mitigation action, assign a numeric rank (-1, 0, or 1) for each of the 14 evaluation criteria in the provided table, defined as follows:

- 1 = Highly effective or feasible
- 0 = Neutral
- -1 = Ineffective or not feasible

Use the numerical results of this exercise to help prioritize your actions as “Low”, “Medium” or “High” priority. Your municipality may recognize other factors or considerations that affect your overall prioritization; these should be identified in narrative in the Priority field of the worksheet. The 14 evaluation/prioritization criteria are:

1. Life Safety—How effective will the action be at protecting lives and preventing injuries? Will the proposed action adversely affect one segment of the population?
2. Property Protection—How significant will the action be at eliminating or reducing damage to structures and infrastructure?
3. Cost-Effectiveness—Are the costs to implement the action commensurate with the benefits achieved?
4. Political—Is there overall public support for the action? Is there political will to support it? Is the action at odds with development pressures?
5. Legal—Does the jurisdiction have the authority to implement the action?
6. Fiscal—Is funding for the action available under existing program budgets or would it require a new budget authorization or funding from another source, such as grants?

7. Environmental—What are the potential environmental impacts of the action? Will it comply with environmental regulations? Are there co-benefits of this action?

8. Social Vulnerability—Does the action benefit socially vulnerable populations and underserved communities?

9. Administrative—Does the jurisdiction have the staff and administrative capabilities to implement the action and maintain it or will outside help be necessary? Does the scale and scope of the action align with the jurisdiction's capabilities?

10. Hazards of Concern—Does the action address one or more of the jurisdiction's high-ranked hazards?

11. Climate Change—Does the action incorporate climate change projections? Is the action designed to withstand or address long-term conditions?

12. Timeline—Can the action be completed in less than five years?

13. Community Lifelines—Does the action benefit community lifelines?

14. Other Local Objectives—Does the action advance other local objectives, such as capital improvements, economic development, environmental quality, or open space preservation? Does it support the policies of other plans and programs?

APPENDIX F: PLAN MAINTENANCE TOOLS

This appendix includes tools and worksheets to facilitate plan maintenance and review by the Sullivan County Steering Committee and Planning Partnership.

The FEMA 386-4 guidance worksheets are also available to assist with progress reporting. These worksheets are provided in this section for ease of access to the HMP Coordinator and Planning Partnership to maintain the 2026 HMP throughout its period of performance.

Worksheet #1 Progress Report step 2

Progress Report Period: _____ (date) to _____ (date)

Project Title: _____ Project ID#: _____

Responsible Agency: _____

Address: _____

City/County: _____

Contact Person: _____ Title: _____

Phone #(s): _____ email address: _____

List Supporting Agencies and Contacts:

_____

_____

_____

Total Project Cost: _____

Anticipated Cost Overrun/Underrun: _____

Date of Project Approval: _____ Start date of the project: _____

Anticipated completion date: _____

Description of the Project (include a description of each phase, if applicable, and the time frame for completing each phase): _____

_____

_____

Milestones	Complete	Projected Date of Completion

Plan Goal(s)/Objective(s) Addressed:

Goal: _____

Objective: _____

Indicator of Success (e.g., losses avoided as a result of the acquisition program):

In most cases, you will list losses avoided as the indicator. In cases where it is difficult to quantify the benefits in dollar amounts, you will use other indicators, such as the number of people who now know about mitigation or who are taking mitigation actions to reduce their vulnerability to hazards.

_____

_____

Status (Please check pertinent information and provide explanations for items with an asterisk. For completed or canceled projects, see Worksheet #2 — to complete a project evaluation):

Project Status

☐ Project on schedule

☐ Project completed

☐ Project delayed*

*explain: _____

_____

☐ Project canceled

Project Cost Status

☐ Cost unchanged

☐ Cost overrun*

*explain: _____

_____

☐ Cost underrun*

*explain: _____

_____

Summary of progress on project for this report:

A. What was accomplished during this reporting period?

_____

_____

_____

_____

B. What obstacles, problems, or delays did you encounter, if any?

_____

_____

_____

C. How was each problem resolved?

_____

_____

_____

Next Steps: What is/are the next step(s) to be accomplished over the next reporting period?

Other comments:

Adapted from the North Carolina HMGP Progress Report Form at http://www.dem.dcc.state.nc.us/mitigation/document_index.htm.

Worksheet #2 Evaluate Your Planning Team step 3

When gearing up for the plan evaluation, the planning team should reassess its composition and ask the following questions:	YES	NO
Have there been local staffing changes that would warrant inviting different members to the planning team?		
Comments/Proposed Action:		
Are there organizations that have been invaluable to the planning process or to project implementation that should be represented on the planning team?		
Comments/Proposed Action:		
Are there any representatives of essential organizations who have not fully participated in the planning and implementation of actions? If so, can someone else from this organization commit to the planning team?		
Comments/Proposed Action:		
Are there procedures (e.g., signing of MOAs, commenting on submitted progress reports, distributing meeting minutes, etc.) that can be done more efficiently?		
Comments/Proposed Action:		
Are there ways to gain more diverse and widespread cooperation?		
Comments/Proposed Action:		
Are there different or additional resources (financial, technical, and human) that are now available for mitigation planning?		
Comments/Proposed Action:		

If the planning team determines the answer to any of these questions is "yes," some changes may be necessary.

Worksheet #3 Evaluate Your Project Results step 3

Project Name and Number: _____

Project Budget: _____

Project Description: _____

Associated Goal and Objective(s): _____

Indicator of Success (e.g., losses avoided): _____

Insert location map.
Include before and after photos if appropriate.

Was the action implemented? ☐ YES ☐ NO

IF NO

Why not?	YES	NO
Was there political support for the action?	☐	☐
Were enough funds available?	☐	☐
Were workloads equitably or realistically distributed?	☐	☐
Was new information discovered about the risks or community that made implementation difficult or no longer sensible?	☐	☐
Was the estimated time of implementation reasonable?	☐	☐
Were sufficient resources (for example staff and technical assistance) available?	☐	☐

IF YES

What were the results of the implemented action? _____

page 2 of 2

	YES	NO
Were the outcomes as expected? If No, please explain:		
Did the results achieve the goal and objective(s)? Explain how:		
Was the action cost-effective? Explain how or how not:		
What were the losses avoided after having completed the project?		
If it was a structural project, how did it change the hazard profile?		
Additional comments or other outcomes:		

Date: _____

Prepared by: _____

Worksheet #4 Revisit Your Risk Assessment step 4

Risk Assessment Steps	Questions	YES	NO	COMMENTS
Identify hazards	Are there new hazards that can affect your community?			
Profile hazard events	Are new historical records available?			
	Are additional maps or new hazard studies available?			
	Have chances of future events (along with their magnitude, extent, etc.) changed?			
	Have recent and future development in the community been checked for their effect on hazard areas?			
Inventory assets	Have inventories of existing structures in hazard areas been updated?			
	Is future land development accounted for in the inventories?			
	Are there any new special high-risk populations?			
Estimate losses	Have loss estimates been updated to account for recent changes?			

If you answered "Yes" to any of the above questions, review your data and update your risk assessment information accordingly.

Worksheet #5 Revise the Plan step 4

Prepare to update the plan.

When preparing to update the plan:	*Check the box when addressed:*
1. Gather information, including project evaluation worksheets, progress reports, studies, related plans, etc.	
Comments:	
2. Reconvene the planning team, making changes to the team composition as necessary (see results from Worksheet #2).	
Comments:	

Consider the results of the evaluation and new strategies for the future.

When examining the community consider:	*Check the box when addressed:*
1. The results of the planning and outreach efforts.	
Comments:	
2. The results of the mitigation efforts.	
Comments:	

3. Shifts in development trends.	
Comments:	
4. Areas affected by recent disasters.	
Comments:	
5. The recent magnitude, location, and type of the most recent hazard or disaster.	
Comments:	
6. New studies or technologies.	
Comments:	
7. Changes in local, state, or federal laws, policies, plans, priorities, or funding.	
Comments:	

8. Changes in the socioeconomic fabric of the community.	
Comments:	
9. Other changing conditions.	
Comments:	

Incorporate your findings into the plan.

When examining the plan consider:	*Check the box when addressed:*
1. Revisit the risk assessment. *(See Worksheet #4)*	
Comments:	
2. Update your goals and strategies.	
Comments:	
3. Recalculate benefit-cost analyses of projects to prioritize action items.	
Comments:	

Use the following criteria to evaluate the plan:

Criteria	YES	NO	Solution
Are the goals still applicable?			
Have any changes in the state or community made the goals obsolete or irrelevant?			
Do existing actions need to be reprioritized for implementation?			
Do the plan's priorities correspond with state priorities?			
Can actions be implemented with available resources?			

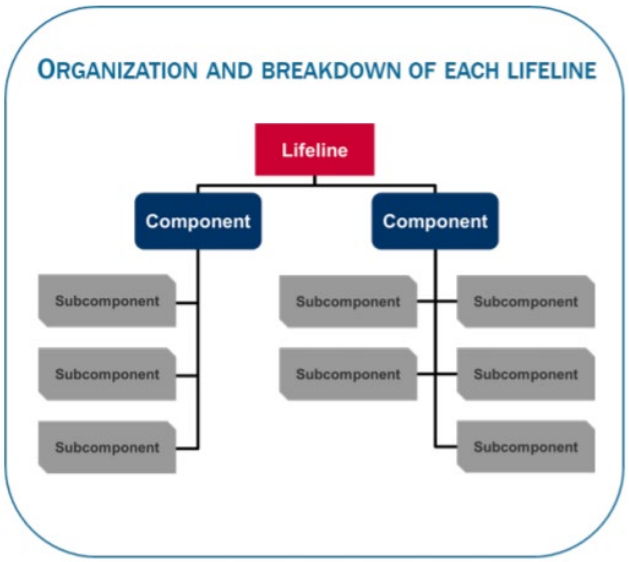
Comments:

APPENDIX G: CRITICAL FACILITY INVENTORY

Due to the sensitive nature of this information, details of critical facilities have been redacted for the public document. A full list of critical facilities identified for the vulnerability analysis is available at the Sullivan County Division of Planning. Contact Heather Brown (Heather.Brown@sullivanny.gov) to request the list.

CRITICAL FACILITIES AND LIFELINES

The identification of community lifelines across Sullivan County provides an enhancement to the 2026 HMP. FEMA defines a lifeline as: *"providing indispensable service that enables the continuous operation of critical business and government functions, and is critical to human health and safety, or economic security."* Identifying community lifelines will help government officials and stakeholders to prioritize, sequence, and focus response efforts towards maintaining or restoring the most critical services and infrastructure within their respective jurisdiction(s). Identifying potential impacts to lifelines can help to inform the planning process and determining priorities in the event an emergency occur. According to FEMA, a community may have the following lifelines:



- Safety and Security
- Food, Hydration, and Shelter
- Health and Medical
- Energy (Power and Fuel)
- Communications
- Transportation
- Hazardous Materials
- Water Systems

Each lifeline category is comprised of multiple components and subcomponents that help define the services that make up that lifeline. The components FEMA describes for each lifeline are summarized by Table G-1.

Table G-1 FEMA Lifeline Categories and Components

Lifeline Category	Lifeline Components
Safety and Security	Law Enforcement/Security
	Fire Service
	Search and Rescue
	Government Service
	Community Safety
Food, Hydration, and Shelter	Food
	Hydration
	Shelter
	Agriculture
Health and Medical	Medical Care
	Public Health
	Patient Movement
	Medical Supply Chain
	Fatality Management
Energy	Power Grid
	Fuel
Communications	Infrastructure
	Responder Communications
	Alerts, Warnings, and Messages
	Finance
	911 and Dispatch
Transportation	Highway/Roadway/Motor Vehicle
	Mass Transit
	Railway
	Aviation
	Maritime
Hazardous Material	Facilities
	HAZMAT, Pollutants, Contaminants
Water Systems	Potable Water Infrastructure
	Wastewater Management

Source: FEMA 2020

APPENDIX H: LINKAGE PROCEDURES

This Appendix contains the linkage procedures for the Sullivan County Hazard Mitigation Plan.

ADMINISTRATIVE PROCESS FOR "LINKAGE" TO THE SULLIVAN COUNTY HAZARD MITIGATION PLAN

The development of the Sullivan County Hazard Mitigation Plan 2026 Update (the Plan) included the County and all eligible local governments within the defined planning area are included in this plan. Completed jurisdictional annexes are presented in Volume II. Any non-participating local jurisdictions such as Fire Districts, Utility Districts, School Districts, and any other eligible local government as defined in 44 CFR 201.2 within the Sullivan County planning area can join this plan as a participating jurisdiction and to ultimately achieve approved status by following the linkage procedures defined in this appendix.

It is assumed that some or all these local jurisdictions may choose to "link" to the Plan at some point in time to gain eligibility for programs under the DMA. In addition, some of the current partnership may not continue to meet eligibility requirements due to the lack of active participation as prescribed by the plan. These "linkage" procedures will define the requirements established by the Sullivan County HMP Steering Committee and all planning partners for dealing with the increase or decrease in planning partners linked to this plan. It should be noted that currently non-participating jurisdictions within the defined planning area are not obligated to link to this plan. These jurisdictions can choose to do their own "complete" plan that addresses all required elements of section 201.6 of 44CFR.

Increasing the Partnership Through Linkage

Eligibility

Eligible jurisdictions located in the planning area may link to this plan at any point during the plan's performance period. Eligible jurisdictions located in the planning area may link to this plan at any point during the plan's performance period (5 years after final approval). Eligibility will be determined by the following factors:

- The linking jurisdiction is a local government as defined by the Disaster Mitigation Act.
- The boundaries or service area of the linking jurisdiction is completely contained within the boundaries of the planning area established during the 2026 hazard mitigation plan development process.
- The linking jurisdiction's critical facilities were included in the critical facility and infrastructure risk assessment completed during the 2026 plan development process.

Requirements

It is expected that linking jurisdictions will complete the requirements outlined below and submit their completed template to the lead agency Sullivan County of Planning for review within six months of beginning the linkage process:

1. The Sullivan County Hazard HMP Steering Committee has established an annual window for which linkage to the plan can occur. Linking jurisdictions are instructed to complete the following procedures during this time frame.

2. The current non-participating jurisdiction contacts the Sullivan County HMP Coordinator for the Plan and requests a "Linkage Package". The Sullivan County HMP Coordinator is:

Heather Brown, Commissioner

Sullivan County Division of Planning

100 North Street, PO Box 5012

Monticello, NY 12701

(845) 807-0453

Email: Heather.Brown@sullivanny.gov

3. The Sullivan County HMP Coordinator will provide a linkage package that includes:
   - Copy of Volume I and II of the Plan (CDROM).
   - Planning Partner's Expectations Sheet.
   - A Sample "Letter of Intent" to Link to the Plan.
   - A Jurisdictional Template and Instructions.
   - Catalog of Hazard Mitigation Alternatives or the Mitigation Catalog.
   - A copy of Section 201.6 of Chapter 44, the Code of Federal Regulations (44CFR), which defines the federal requirements for a local hazard mitigation plan.
4. The new jurisdiction will be required to review both volumes of the Plan which includes the following key components for the planning area:
   - The Sullivan County risk assessment;
   - The plan’s goals and objectives;
   - Plan implementation and maintenance procedures;
   - Catalog of potential mitigation actions; and
   - County-wide initiatives.

Once this review is complete, the jurisdiction will complete its specific jurisdictional annex by following the template and its instructions for completion provided by the Sullivan County HMP Coordinator. Technical assistance can be provided upon request by completing the request for technical assistance (TA) form provided in the linkage package. This TA may be provided by the Sullivan County HMP Coordinator or any other resource within the Planning Partnership such as a member of the HMP Steering Committee or a currently participating jurisdiction. The Sullivan County HMP Coordinator will determine who will provide the TA and the possible level of TA based on resources available at the time of the request.

5. The new jurisdiction will also be required to develop a public involvement strategy that ensures their public's ability to participate in the plan development process. At a minimum, the new jurisdiction must make an attempt to solicit public opinion on hazard mitigation at the onset of this linkage process and a minimum of one public meeting to present their draft jurisdiction specific annex for comment, prior to adoption by the governing body. The Planning Partnership will have available resources to aid in the public involvement strategy such as the Plan website. However, it will be the new jurisdiction’s responsibility to implement and document this strategy for incorporation into their annex.

It should be noted that the Jurisdictional Annex templates do not include a section for the description of the public process. This is because the original partnership was covered under a uniform public involvement strategy that covered the operational area that is described in Volume I of the plan. Since the new partner was not addressed by that strategy, they will have to initiate a new strategy and add a description of that strategy to their annex. For consistency, new partners are encouraged to follow the public involvement format utilized by the initial planning effort as described in Volume I of the Plan.

6. Once their public involvement strategy is completed and they have completed their template, the new jurisdiction will submit the completed package to the Sullivan County HMP Coordinator for a pre-adoption review to ensure conformance with the regional plan format.

7. The Sullivan County HMP Coordinator will review for the following:

   - Documentation of public involvement and mitigation action development strategies;
   - Conformance of template entries with guidelines outlined in instructions;
   - Chosen actions are consistent with goals, objectives, and mitigation catalog of Sullivan County Hazard Mitigation Plan; and
   - Designated point of contact.

The Sullivan County HMP Coordinator may utilize members of the HMP Steering Committee or other resources to complete this review. All proposed linked annexes will be submitted to the HMP Planning Committee for their review and comment prior to submittal to the New York Division of Homeland Security and Emergency Services (DHSES).

8. Plans approved and accepted by the HMP Steering Committee will then be forwarded to DHSES for review with cover letter stating the forwarded plan meets local approved plan standards and whether the plan is submitted with local adoption or for criteria met/plan not adopted review.

9. DHSES will review plans for state and federal compliance. Non-compliant plans are returned to the jurisdiction for correction. Compliant plans are forwarded to FEMA Region II office for review with annotation as to the adoption status.

10. FEMA Region II reviews the new jurisdiction's plan in association with the approved plan to ensure DMA compliance. Region II notifies new jurisdiction of results of review with copies to DHSES and approved planning authority.

11. New jurisdiction corrects plan’s shortfalls (if necessary) and resubmits to DHSES through the approved plan lead agency.

12. For plans with no shortfalls that have not been adopted from the Region II review or outstanding corrected shortfalls, the new jurisdiction governing authority adopts the plan (if not already accomplished) and forwards adoption resolution to Region II with copies to lead agency and DHSES.

13. Region II Director notifies new jurisdiction governing authority of plan approval.

14. The new jurisdiction plan is then included with the Sullivan County HMP and the linking jurisdiction is committed to participate in the ongoing plan implementation and maintenance identified in Volume I of the HMP.

APPENDIX I: NYS DHSES PLANNING GUIDANCE

This appendix includes the 2022 NYS DHSES planning standards and guidelines for hazard mitigation planning.

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 DHSES) 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 Policy Guide.

https://www.fema.gov/sites/default/files/documents/fema_local-mitigation-planning-policy-guide_042022.pdf

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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 DHSES 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 518-292-2304.

Additional contact information will be provided to sub-recipients for more direct assistance.

Please note:

Jurisdiction is used to describe all government entities within the boundaries set forth in the Multi-Jurisdictional Plan (typically County-wide), including the County itself, as well as cities, towns, villages and potentially tribes that choose to join a multi-jurisdictional plan.

Special Flood Hazard Area (SFHA) is defined as the area that will be inundated by the flood event having a 1-percent change of being equaled or exceeded in a given year (previously known as the 100-year flood event).

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1. Assess Critical Facilities

Critical facilities must remain accessible and functional before, during and after disasters to meet the jurisdictions Continuity of Government (COG) and Continuity of Operations (COOP) standards, and to support important emergency, government and sheltering functions.

Jurisdictions must identify all critical facilities, assess their vulnerabilities, and evaluate and ensure they are protected to a 0.02% chance (500-year) flood event. Critical facilities that are located in an SFHA and/or have been previously flooded, must be protected against a repeat of that flood or to the 0.02% chance flood event, which ever provides the greater protection.

- The plan must document the name of facility, type of facility, jurisdictional location, and exposure to a 1% (100-year) and 0.02% chance event.
- The plan must document those critical facilities are protected to a 0.02% flood event, or previous worst case flood event. For those that do not meet this level of protection, the plan must include an action to meet or go beyond this criterion or explain why it is not feasible to do so. Going beyond this criterion is optional but may be wise to protect against a future worst case due to climate change.

2. Include Jurisdictional Annexes

Jurisdictional annexes provide a unique, stand-alone guide to mitigation planning for each jurisdiction.

The plan must be organized so that there is an annex for every jurisdiction within the county's borders, including the County.

- The plan must include a table in the Introduction section clearly identifying all jurisdictions and which are seeking FEMA approval.
- The annex for each jurisdiction seeking FEMA approval must include the following:
  - Contact Information;
  - Jurisdiction Profile;
  - Hazard Identification (specific to the jurisdiction);
  - Hazard Event History;
  - National Flood Insurance Program (NFIP) Summary (to meet Federal Standards);
  - Critical Facilities Information (to meet F1);
  - Jurisdiction/public identified vulnerabilities;
  - Additional public involvement;
  - Capabilities Assessment;
  - Mitigation Strategy:
    - All identified previous mitigation activities with current status;
    - All proposed mitigation activities (both new and carried forward, to meet F3)
  - The annex for each non-participating jurisdiction (those not seeking FEMA approval at this time), must include a cover sheet and should include as much information as is available.

3. Develop Mitigation Actions

Projects that are well developed and documented in one place are more quickly identifiable for selection when grants become available, making implementation that much more likely.

Within each jurisdictional annex, jurisdictions must develop a minimum of two (2) new or carryover (not started) proposed mitigation actions that include all information requested in the NYS DHSES LHMP Proposed Action spreadsheet. For jurisdictions containing an SFHA, one (1) of these actions must be for a project that addresses flooding.

4. Post Draft Plan Online

Allowing the public to comment on the draft plan increases awareness about how mitigation saves lives and reduces risk and allows a final opportunity for public input.

The public must have an opportunity to view and comment on the draft plan prior to submittal.

- The draft plan must be posted in full (except for discretionary sensitive information) on an existing county/jurisdiction website, or one created for the purpose of soliciting comments, for 30 days or the time prescribed by local law, whichever is greater, and the plan must describe efforts made to solicit public comments from potentially underserved areas where residents may not have access to a computer to view the website. The website must clearly identify how the public can comment on the plan, to include either specific contact information to send comments or a user-friendly form or survey.

After NYS DHSES and FEMA Approval

- Once designated Approvable Pending Adoption (APA) or Approved by FEMA, the final plan must be placed on the same website (cited above) in its entirety (except for discretionary sensitive information).
- Final payment will occur only after 50% of the participating jurisdictions have adopted the plan and provided adoption resolutions to NYS DHSES. For county-led hazard mitigation planning efforts, the county must be one of the adopting jurisdictions.

The chart below shows the requirements as they appear on the plan review tool used by NYS DHSES and FEMA Region II to determine whether a submitted plan meets federal and state requirements.

1. REGULATION CHECKLIST **Regulation** (44 CFR 201.6 Local Mitigation Plans)	**Location in Plan** (section and/or page number)	**Met**	**Not Met**
ELEMENT F. ADDITIONAL STATE REQUIREMENTS – NYS HAZARD MITIGATION PLANNING STANDARDS **These are required actions for plans developed with NYS DHSES-administered funds.**			
H1. Do jurisdictions identify critical facilities, assess vulnerabilities, and ensure protection to a 0.02% flood event or worst-case scenario?			
H2. Does the plan include an annex for every jurisdiction within the County's boundaries?			
H3. Within each jurisdictional annex, are projects developed in accordance with the NYS DHSES Proposed Projects Table?			
H4. Was the draft plan posted for public comment?			
Note: The applicant is required to address the 2022 NYS Hazard Mitigation Planning Standards as required actions for a hazard mitigation plan developed with funds administered by NYS DHSES. **ELEMENT H: REQUIRED REVISIONS** ***Please see opportunities for improvement***			