

JURISDICTIONAL ANNEX 1.2.2: TOWN OF DENNING

Please fill in the contact details for the person filling in this page:

Name: Joy Monforte
 Title: Town Clerk
 Representing: Denning, Town of
 Email: townhall@denning.us
 Phone: 845-985-2411

Local Jurisdiction Role/Position	Name	Email	Phone	Date Notified About Mitigation Plan Development Process	Agreed to participate (Yes/No)
Land Use/ Community Planner	Planning Board Chair	ioesbiga@yahoo.com	845-985-2125	10/8/2013	No
Emergency Manager	Supervisor David Brooks	townhall@denning.us	845-985-2896	10/3/2013	Yes
Floodplain Manager/ Floodplain Administrator	COE Karl Von Hassel	hund65@gmail.com	845-254-4340	10/8/2013	Yes
Public Works Director / City Engineer	Hwy Superintendent Dan Van Saders	highway@denning.us	845-985-2543	10/8/2013	Yes
Building Code Official	Karl Von Hassel	hund65@gmail.com	845-254-4340	10/8/2013	Yes
Fiscal/Budget Officer	Supervisor Dave Brooks	townhall@denning.us	845-985-2896	10/8/2013	Yes
Manager/Administrator	Supervisor David Brooks	townhall@denning.us	845-985-2896	10/8/2013	Yes
Elected Officials	Karl Von Hassel	Karl Von Hassel	845-985-2125	10/8/2013	Yes
Other 1: Deputy OEM Coordinator	Greg Vurckio	townhall@denning.us	845-985-7285	1/2/2014	Yes
Other 2:	Paul Schoonmaker	pepe01@hughes.net	845-985-7456	10/8/2013	Yes
Other 3:					



Title: Floodplain Manager/Floodplain Administrator/NFIP

Name: Karl von Hassel
Coordinator

Email and Phone: hund65@gmail.com 845-254-

Representing: Town of Denning-
4340

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update - Worksheet #2

Note: This form should be filled out by your floodplain administrator. All communities participating in the National Flood Insurance Program (NFIP) provided FEMA with a floodplain management ordinance and a designated floodplain administrator as a prerequisite to enter the program. All communities are listed in FEMA's Community Status Book of participating communities (08/15/13).

Adoption Date of your Current Floodplain Management Ordinance	Date of Entry into NFIP ¹	Position or Title of Your Jurisdiction's Designated Floodplain Manager/Administrator (may also be called NFIP Coordinator)	Is this person a Certified Floodplain Manager?	Is floodplain management an auxiliary function?	Is your community in good standing with the NFIP?		
9-28-1988	07/20/84	Code and Zoning Flood plain Administrator	[] Yes [x] No	[x] Yes [] No	[x] Yes [] No		
Provide an explanation of NFIP administration services (i.e., permit review, GIS, education or outreach, inspections, engineering capability, etc.):							
Permit review and Inspections as per Local Law. If Hydrology study required then Municipality works with NYS DEC to review & provide recommendation on Application (Kelly Higgins NYS DEC 518 357 2045 Education & outreach East Branch Flood Commission Ulster County has GIS Website.							
Describe barriers to running an effective NFIP program in the community (if applicable):							
Outdated Flood law & flood maps New Flood law & FIRM adoption pending. Lack of understanding requirements of flood law in community.							
When was most recent FEMA Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?*	Is a CAV or CAC scheduled or needed?	Does the current floodplain management ordinance exceed FEMA or State minimum requirements? If so, describe how.	Is training of staff regarding NFIP issues planned?	Does your community intend to enforce the floodplain management requirements including regulating new construction in Special Flood Hazard Areas (SFHAs)?	Does your community participate in the CRS? If so, state your Class.	Does your community intend to continue its participation in the CRS program?	If your community is not currently participating in the CRS program, are you intending to initiate the process during the next planning cycle?
	[] Yes [x] No	[] Yes [x] No	[x] Yes [] No	[x] Yes [] No	[] Yes* [x] No * Class	[] Yes [] No	[x] Yes [] No
*Describe any outstanding compliance issues (i.e., current violations): No issues at this time * small Community							

¹ Your date of entry into the NFIP can be found at: <http://www.fema.gov/cis/NY.html> (column "Reg-Emer Date").



Title: Floodplain Manager/Floodplain Administrator/INF

Name: Karl von Massei
Coordinator

Email and Phone: hund65@gmail.com 845-254-

Representing: Town of Denning
4340

No issues at this time *small Community

Provide an explanation of your local floodplain permitting process:

Application/drawings and other required info provided to Floodplain Administrator for review (possible fee) If Hydrology study required then consult with NYS DEC-Approve or deny. If approved then perform inspection as required by Flood law.

Does your community intend to continue floodplain identification and mapping services including any local requests for map updates? [<input checked="" type="checkbox"/>] Yes [] No	Does your community intend to continue the buyouts of repetitive loss properties?	Does your community intend to commit staff or resources to improve local mapping or code administration in the future?	Does your community intend to provide local outreach to promote the sale of flood insurance?	Does your community intend to participate in RiskMAP meetings and planning initiatives?	Does your community intend to continue to implement structural improvements to mitigate against flooding - culverts, drainage basins, etc.?	Does your community intend to continue to implement home improvement programs designed to minimize basement flooding?	Does your community intend to continue to implement roadway improvements to reduce damage from future flooding events?	Does your community intend to continue to implement plans and programs in coordination with a local or regional drainage/sewer authority?
[<input checked="" type="checkbox"/>] Yes [] No	[<input checked="" type="checkbox"/>] Yes [] No	[<input checked="" type="checkbox"/>] Yes [] No	[<input checked="" type="checkbox"/>] Yes [] No	[<input checked="" type="checkbox"/>] Yes [] No	[<input checked="" type="checkbox"/>] Yes [] No	[<input checked="" type="checkbox"/>] Yes [] No	[<input checked="" type="checkbox"/>] Yes [] No	[<input checked="" type="checkbox"/>] Yes [] No
<p>Does your community intend to adopt the new FEMA Advisory Base Flood Elevations? [<input checked="" type="checkbox"/>] Yes [] No</p> <p>As Floodplain Manager, did you (or your predecessor at the time) actively participate in the development of the initial Hazard Mitigation Plan? [<input checked="" type="checkbox"/>] Yes [] No</p> <p>As Floodplain Manager, are you actively participating in the development of this Hazard Mitigation Plan Update? [<input checked="" type="checkbox"/>] Yes [] No</p> <p>Have there been any changes to your community's local floodplain management program since the last version of the plan in 2009? [<input checked="" type="checkbox"/>] Yes * [<input checked="" type="checkbox"/>] No</p>								

* If you answered "yes", that there have been changes to your local program since 2009, please describe:

Provide a description of your community assistance and monitoring activities:

Municipality will provide answers to all Floodplain Questions copies of FIRM maps other info Monitor culverts & bridge capacity (Floodwaters) during Flood event. Repair or replace with adequate size to handle Flood (100 year C.F.S.) during event in compliance with Floodplain.

NFIP participating communities are required to update/revise their floodplain management ordinance to ensure that it complies with the latest FEMA regulations. Will your community continue to commit to this program

NFIP participating communities are also required to update/revise their floodplain management ordinance to be consistent with the latest FIRMs. Will your community continue to commit to this program requirement?

[☒] Yes [] No

[☒] Yes [] No

FACSIMILE TRANSMITTAL SHEET

TO	FROM: KARL VON HASSEL
ARTHUR SNYDER	
FAX NUMBER:	DATE:
331-1738	3/17/14
COMPANY:	TOTAL NO. OF PAGES INCLUDING COVER:
	9
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☒ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Here are the questioners and mitigation update from Hardenburgh & Denning

Here are the revision off Worksheet #3 I read the first one wrong. Sorry Karl

KARL VON HASSEL • 524 COUNTY HIGHWAY 3 • FLEISCHMANN'S, NY 12430
PHONE: (845) 254-4340 • FAX: (845) 254-6005 CELL 845-332-3223
E-MAIL HUND65@GMAIL.COM
CODE/ZONING ENFORCEMENT

THIS MESSAGE AND ANY ATTACHMENTS HERETO, IS CONFIDENTIAL
AND INTENDED EXCLUSIVELY FOR THE USE OF THE INDIVIDUAL OR ENTITY



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update Worksheet #3

Performing an assessment of Land Uses and Development Trends is one step of a FEMA-approved hazard mitigation plan update. This look into the future is important because development in hazard areas could put more assets at risk and, in turn, could work to increase potential disaster-related damages at a time when the mitigation plan's purpose is to reduce the potential for damages emanating from natural disasters. Land uses and development trends are based on the construction of new buildings, demolition of old buildings, or the planning, zoning or subdivision of new areas for development. A stagnant or decreasing population alone is not reason for stating that no development has occurred unless backed up by a lack of development.

An evaluation of land uses and development trends was undertaken by each participating jurisdiction as part of the development of the initial plan. Excerpts from the 2009 Plan's Land Uses and Development Trends section are included in the pages to follow, documenting your community's prior feedback. Please review your community's feedback shown in the table on the pages to follow, and identify any changes that have occurred since that time. Feedback should be returned to URS Project Manager Anna Foley at anna.foley@urs.com. If you have questions or need help, please email Anna or give her a call at 973-883-8562.

Please check box A or B below.

- ☐ A) I certify that I have reviewed my community's feedback from the 2009 Land Uses and Development Trends assessment and that all information previously provided is still current. (If checking box A, then please return only this cover page.)
- ☒ B) I certify that I have reviewed my community's feedback from the 2009 Land Uses and Development Trends assessment and that any information that has changed since that time is clearly shown on the attached markup. Any supporting comments I would like to note are indicated in the lines below. (If checking box B, then please return this completed cover page and any pages with markups.)

The Town of Denning does not have any major construction going on at the present
time. The building that is being done is scattered around the Town. The Town of
Denning enforces current New York State building code regulations for development
in the floodplain. Other hazards such as wind and landslides, the Town follows the
New York State building
code.

Name: Karl von Hassel

Title: Code and Zoning/Floodplain Administrator

Representing: Town of Hadenburgh

Email hund65@gmail.com and Phone: 845-254-4340



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

Worksheet #4

Performing a Capability Assessment is one step of a FEMA-approved hazard mitigation plan update. A mitigation planning Capability Assessment consists of taking an in-depth look at community mechanisms (such as plans, codes, ordinances, staffing, etc.) that can affect hazard mitigation activities. Performing the Capability Assessment helps communities identify the regulatory, administrative, technical, and fiscal capacities and capabilities of their jurisdiction and consider ways that these tools can be used to further hazard mitigation and disaster resiliency goals. Capability Assessments were undertaken by each participating jurisdiction as part of the development of the initial plan. Excerpts from the 2009 Plan's Capability Assessment section are included in the pages to follow, documenting your community's prior feedback.

First, review your community's feedback shown in the three tables attached, and clearly provide markups to identify any changes that have occurred since that time. Also, complete the highlighted columns which have been added since the plan was last prepared. Check box A or B. (Note: Municipalities whose rows are blank did not submit responses in 2009, and must do so now.)

☐ **A) I certify that I have reviewed my community's feedback from the 2009 Capability Assessment and that all information previously provided is still current. I have also completed new columns, as highlighted in yellow.**

☒ **B) I certify that I have reviewed my community's feedback from the 2009 Capability Assessment and that I have updated any information that has changed since that time (as shown on the attached markup). Any supporting comments I would like to note are indicated in the lines below. I have also completed new columns, as highlighted in yellow.**

___ **Note: Denning did not participate in 2009** _____

Then, review and answer the supplemental questions on the last page, and check box C.

☒ **C) I have completed responses to the supplemental questions on Page 6.**

Completed worksheets should be returned to URS Project Manager Anna Foley at anna.foley@urs.com. If you have questions or need help, please email Anna or give her a call at 973-883-8562.

Name: ___ David Brooks _____

Title: ___ Town Supervisor _____

Representing: ___ Town of Denning, Ulster County, NY _____

Email and Phone: ___ townsupervisor@denning.us ; 845-985-2411 _____

Legal and Regulatory Capability -

Table 4-1
Legal and Regulatory Capability Inventory

Jurisdiction	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post-Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	Evacuation Plan
Ulster County							√	√	√	√				
Denning, Town of	X	X	X	X		X	X			X				
Ellenville, Village of														
Esopus, Town of														
Gardiner, Town of	√	√	√	√	√	√	√	√	√	√	√			
Hardenburgh, Town of														
Hurley, Town of	√	√	√	√		√	√			√	√			
Kingston, City of	√	√	√	√		√	√	√	√	√	√			
Kingston, Town of	√	√	√	√		√								
Lloyd, Town of	√	√	√	√	√	√	√			√				
Marbletown, Town of														
Marlborough, Town of	√	√	√	√	√	√	√	√	√	√	√	√		
New Paltz, Town of														
New Paltz, Village of	√	√	√			√	√			√				
Olive, Town of														
Plattekill, Town of														
Rochester, Town of														
Rosendale, Town of														
Saugerties, Town of														
Saugerties, Village of														
Shandaken, Town of	√	√	√	√		√	√			√				
Shawangunk, Town of														
Ulster, Town of	√	√	√	√		√	√			√				
Wawarsing, Town of														
Woodstock, Town of														

Administrative and Technical Capacity

Table 4-2 Administrative and Technical Capability Inventory														
Jurisdiction	Planner(s) with knowledge of land development and management practices	Engineer(s) with knowledge of land development and management practices	Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Planner(s) or Engineer(s) with an understanding of natural and/or human caused hazards	Floodplain manager	Surveyors	Staff with education or expertise to assess the community's vulnerability to hazards	Personnel skilled in GIS and/or HAZUS	Scientists familiar with the hazards of the community	Emergency Manager	Grant writers	Code Enforcement Official	Public Works or Highway Superintendent	Emergency Management Coordinator
Ulster County			✓	✓		✓	✓	✓		✓	✓	✓	✓	✓
Denning, Town of			✗	✗	✗		✗			✗		✗	✗	✗
Ellenville, Village of														
Esopus, Town of														
Gardiner, Town of			✓	✓	✓		✓			✓	✓			
Hardenburgh, Town of														
Hurley, Town of			✓	✓										
Kingston, City of			✓	✓	✓		✓			✓	✓			
Kingston, Town of			✓		✓			✓		✓	✓			
Lloyd, Town of				✓	✓		✓	✓						
Marbletown, Town of														
Marlborough, Town of			✓	✓	✓		✓	✓		✓	✓			
New Paltz, Town of														
New Paltz, Village of			✓	✓	✓		✓			✓	✓			
Olive, Town of														
Plattekill, Town of														
Rochester, Town of														
Rosendale, Town of														
Saugerties, Town of														

Fiscal Capability

Table 4-3
Fiscal Capability Inventory

Jurisdiction	Community Development Block Grants (CDBG)	Capital Improvements Project Funding	Authority to Levy Taxes for Specific Purposes	Fees for Water, Sewer, Gas, or Electric Service	Impact Fees for Homebuyers or Developers for New Developments/Homes	Incur Debt through General Obligation Funds	Incur Debt through Special Tax and Revenue Bonds	Incur Debt through Private Activity Bonds	Withhold Spending in Hazard-Prone Areas	Other (i.e., coastal, sustainability, or climate change initiatives; or Brownfield funds)
Ulster County	√	√				√	√			
Denning, Town of			x			x	x			
Ellenville, Village of										
Esopus, Town of										
Gardiner, Town of		√	√	√		√			√	
Hardenburgh, Town of										
Hurley, Town of			√			√	√	√		
Kingston, City of	√	√	√	√	√	√				
Kingston, Town of	√	√	√	√		√	√			
Lloyd, Town of			√	√	√	√	√		√	
Marbletown, Town of										
Marlborough, Town of	√	√	√	√	√	√	√			
New Paltz, Town of										
New Paltz, Village of		√	√	√	√	√				
Olive, Town of										
Plattekill, Town of										
Rochester, Town of										
Rosendale, Town of										
Saugerties, Town of										
Saugerties, Village of										
Shandaken, Town of				√						
Shawangunk, Town of										
Ulster, Town of	√	√	√	√		√	√			
Wawarsing, Town of										
Woodstock, Town of										

<p>Would you classify your community's <u>legal and regulatory</u> capability to implement hazard mitigation strategies as high, moderate, or low?</p>	<p>Would you classify your community's overall <u>technical</u> capability to implement hazard mitigation strategies as high, moderate, or low?</p>	<p>Would you classify your community's overall <u>fiscal</u> capability to implement hazard mitigation strategies as high, moderate, or low?</p>	<p>Would you classify your community's overall <u>administrative</u> capability to implement hazard mitigation strategies as high, moderate, or low?</p>	<p>Would you classify your political leadership's willingness to enact policies and programs that reduce hazard vulnerabilities in your community as high, moderate, or low - even if met with opposition? (i.e., guiding development away from identified hazard areas)?</p>
<u>moderate</u>	<u>moderate</u>	<u>low</u>	<u>low</u>	<u>moderate</u>
<p>Discuss ways of bridging identified gaps in your local capabilities to ensure that they are in-line with your mitigation actions and goals.</p>				
<p><u>We are currently working with the County and the local stream management program to assess and alleviate potential flood mitigation hazards in our community, and identify and ultimately access mitigation funding to address the hazards.</u></p>				

WORKSHEET 5 NOT APPLICABLE

(DID NOT PARTICIPATE IN 2009, SO
NO PAST PROJECTS TO TRACK)



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

Worksheet #6

For a community to succeed in reducing risk in the long term, the information and recommendations of the hazard mitigation plan must be integrated into day-to-day local government operations. Throughout the planning process, partnerships are formed between departments and agencies, and sustained actions between these partners will increase the community's resilience to disasters. "Plan integration" can be thought of as the process whereby each local government will incorporate the mitigation plan findings and projects into other planning mechanisms (governance structures that are used to manage local land use development and community decision making).

For this Plan Update, FEMA requires:

- a summary of each jurisdiction's past progress in plan integration over the last planning cycle; and
- a description of plan integration activities that each jurisdiction expects to undertake over the course of the next planning cycle.

This worksheet has been set up, therefore, into two components with each portion focusing on one of the bullets above.

- Demonstration of Progress over the Last Planning Cycle – In the first component of this worksheet (shaded in blue), we have reiterated the targeted plan integration activities that were included in the last version of the plan (Section 9, beginning on Page 9-4) in a tabular form, and are asking each community to describe their respective accomplishments since the plan was adopted five years ago.
- Targeted Plan Integration Activities for the Next Planning Cycle – Similarly, in the second component of this worksheet (shaded in yellow), we have outlined a series of plan integration activities for the next five-year planning cycle. Please document to FEMA the manner in which your community will commit to integrate the hazard mitigation plan into your local government operations from this point forward.

Where integration activities are carried out by another jurisdiction through an intergovernmental agreement or by another layer of government (such as the county), please include a note on the bottom of this form and reference the section number on this form that the note is referring too.

Feedback should be returned to URS Project Manager Anna Foley at anna.foley@urs.com. If you have questions or need help, please email Anna or give her a call at 973-883-8562.

Name: David Brooks

Title: Town Supervisor

Representing: Town of Denning

Email and Phone: townsupervisor@denning.us; 845-985-2411

DEMONSTRATION OF PAST PROGRESS OVER THE LAST PLANNING CYCLE

N/A - Denning did not participate in the initial plan, so they have no plan integration progress to demonstrate.

1. Check here if you (or your predecessor on the CPG) issued a letter to each of your community's department heads to solicit their support and explore opportunities for integrating hazard mitigation planning objectives into their daily activities?	
2. A. Check here if you (or your predecessor on the CPG) worked with your planning department to educate them on the Hazard Mitigation Plan and encourage that on the next update of your master plan, general or comprehensive plan, hazard mitigation for natural hazards is addressed. Please describe your coordination efforts in the space below.	
B. Check here if your municipality does not have a master, general, or comprehensive plan.	
C. Check here if your master, general or comprehensive was updated since 2009.	
D. If you checked box 2C, please check here if natural hazard risk/mitigation was incorporated into the updated document, and describe how in the space below.	
E. If you checked box 2C, please check here if a specific hazard mitigation element was added to the document, and describe in the space below.	
3. Check here if you (or your predecessor on the CPG) coordinated with your building department to ensure that they have adopted and are enforcing the minimum standards established in the current State-adopted IBC. Please describe your coordination efforts in the space below.	
4. A. If your community participates in the NFIP and was only enforcing minimum requirements at the time of the first plan's adoption, check here if you (or your predecessor on the CPG) coordinated with your Floodplain Administrator to determine if enforcement beyond FEMA minimum requirements would be prudent for your community. Please describe your coordination efforts in the space below.	
B. Check here if your community was already enforcing regulations beyond FEMA minimum requirements.	

N/A - Denning did not participate in the initial plan, so they have no plan integration progress to demonstrate.

Community Name DENNING

N/A - Denning did not participate in the initial plan, so they have no plan integration progress to demonstrate.

C. Briefly explain here what is currently being enforced beyond FEMA minimum requirements.	
D. Check here if your community has maintained its participation in the NFIP's Community Rating System (CRS).	
E. Check here if your community has joined the CRS since 2009.	
F. Check here if your community has dropped out of the CRS since 2009.	
5. A. Check here if your community has a local zoning ordinance.	
B. Check here if you (or your predecessor on the CPG) worked with your local zoning board to educate them on the Hazard Mitigation Plan and encourage consideration of low occupancy, low-density zoning in hazard areas, when practicable. Please describe your coordination efforts in the space below.	
6. A. Check here if any job descriptions were revised to include mitigation-related duties to further institutionalize mitigation.	
B. If so, describe.	
7. A. Check here if capital or operating budgets were revised to include a line item for mitigation project funding.	
B. Check here if capital or operating budgets already included this when the plan was first adopted.	
8. A. Check here if your Department of Public Works has adopted more rigorous procedures for inspecting and cleaning debris from streams and ditches (i.e., more frequently).	
B. If so, describe.	
9. A. Check here if your Planning Department has added hazard vulnerability to subdivision and site plan review criteria.	
B. If so, describe.	
10. (NOTE: A response to #10 is only required for UCECEM; all municipalities, please leave blank) Check here if UCECEM sought to identify a community conservation society or other interested voluntary organization to perform inventories of historic sites in hazard areas that might require special treatment to protect them from specific hazards.	
B. If so, describe.	
11. Check here if your community has reached out to partner groups in the community (i.e., nonprofit organizations, businesses, etc.) to identify those who may be willing to donate goods or services and create a database of contact information and indicated goods/services.	
B. If so, describe.	
12. Check here if your community has actively sought citizen volunteers to help implement mitigation programs and activities.	

N/A - Denning did not participate in the initial plan, so they have no plan integration progress to demonstrate.

Community Name DENNING

N/A - Denning did not participate in the initial plan, so they have no plan integration progress to demonstrate.

B. If so, please describe.	
13. A. (NOTE: A response to #13A is only required for UCECEM; all municipalities, please leave blank) Check here if a list was compiled of state agencies that can lend their time, expertise and funds to the implementation of hazard mitigation projects.	
B. (NOTE: A response to #13A is only required for UCECEM; all municipalities, please leave blank) Check here if assistance was provided to participating jurisdictions in reaching out to state agencies for support.	
C. If A or B was checked, please describe.	
14. A. Check here if your community has reached out to colleges and universities for technical assistance with hazard mitigation activities.	
B. If so, please describe.	
15. A. Check here if your community has met at least once with your local library staff members to discuss the mitigation plan so they are well-versed in its purpose and understand where to direct interested parties for more information, to provide feedback, or to become involved.	
B. If so, please describe.	

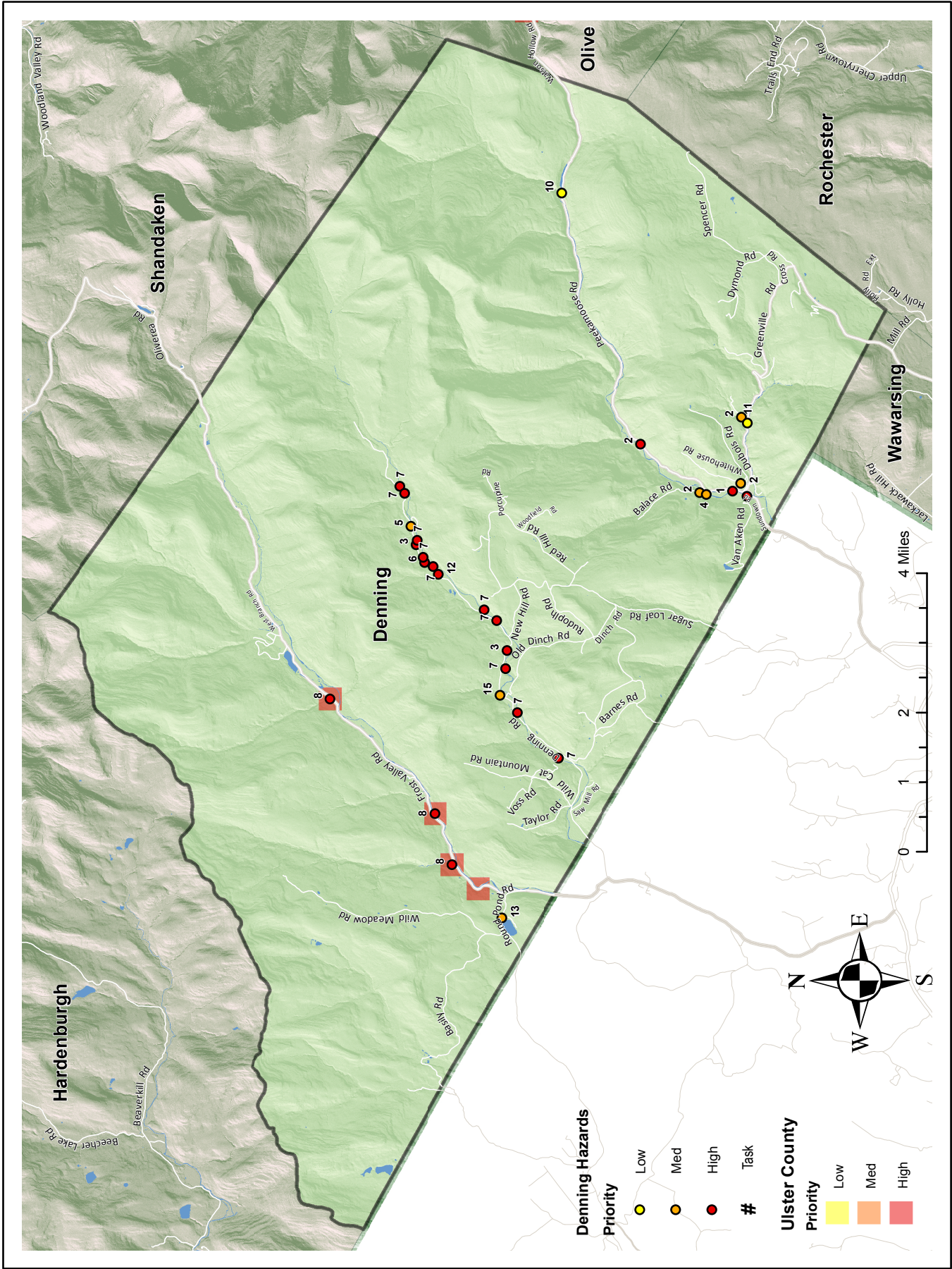
N/A - Denning did not participate in the initial plan, so they have no plan integration progress to demonstrate.

TARGETED PLAN INTEGRATION ACTIVITIES FOR THE NEXT PLANNING CYCLE

Please check all activities that your municipality is committing to undertake over the next five years.

1. CPG member will issue a letter to each department head to solicit their support and explore opportunities for further integration of hazard mitigation into the daily activities of the community as a whole.	<u>X</u>
2. A. Incorporate hazard mitigation for natural hazards in the next update of your master, general or comprehensive plan.	<u>X</u>
B. Add a specific hazard mitigation element to the next update of your master, general or comprehensive plan.	<u>X</u>
3. Adopt and enforce the minimum building standards established in the current State-adopted IBC (NJ edition).	<u>X</u>
4. A. Maintain community participation in FEMA's National Flood Insurance Program.	<u>X</u>
B. Enforce codes and standards beyond FEMA minimum requirements.	<u>X</u>
C. Join (or continue to maintain participation in) the NFIP's Community Rating System.	<u>X</u>
5. Steer growth and development away from high risk locations by using the risk assessment from the hazard mitigation plan as a tool to monitor future updates of community land use plans, zoning and subdivision codes and the development review process.	<u>X</u>
6. Modify work plans, policies or procedures to include hazard mitigation concepts/activities.	<u>X</u>
7. Revise job descriptions to include mitigation-related duties to further institutionalize mitigation.	<u>X</u>
8. Revise capital or operating budgets to include a line item for mitigation project funding.	
9. Issue directives to require departments/agencies in the community to carry out certain hazard mitigation activities.	<u>X</u>
10. Require the Department of Public Works to inspect and clean debris from streams and ditches more frequently.	<u>X</u>
11. Add hazard vulnerability to subdivision and site plan review criteria.	<u>X</u>
12. Perform inventories of historic sites in hazard areas in your community to identify where special treatment may be needed to protect them from specific natural hazards.	<u>n/a</u>
13. Reach out to state agencies for assistance with natural hazard mitigation activities.	<u>X</u>
14. Reach out to colleges and universities for technical assistance with natural hazard mitigation activities.	
15. Adopt (or continue to enforce) a local stormwater management plan/ordinance.	<u>X</u>
16. Protect life and property in high hazard areas by limiting densities of new development.	<u>X</u>
17. Increase resilience by limiting the extension of public infrastructure in high hazard areas.	<u>X</u>
18. Reduce the vulnerability of future development in high hazard areas by reviewing development regulations, and modifying where needed.	<u>X</u>
19. Use the risk assessment to inform future updates of the community emergency operations plan, evacuation plan, and/or post disaster recovery plan.	<u>X</u>
20. Implement hazard mitigation activities through existing plans and policies.	<u>X</u>
21. Sponsor training on best practices for hazard mitigation for local government staff. (Note: this may be accomplished with other local governments.)	<u>X</u>

Denning Hazard Mitigation Actions



Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #1 - Upper Rondout Creek Infrastructure Protection - Debris Removal</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>Two rapidly aggrading gravel bars are re-directing streamflow alongside County Route 42/Peekamoose Road in Sundown and threatening this critical road.</i>
Describing the Action	
Action category	<i>infrastructure protection</i>
Action type	<i>flood hazard mitigation</i>
Action description	<i>Removal of two large gravel bars that direct stream flow from storm events directly at road; stream would then be re-aligned/re-dimensioned; Two locations (0.2-mile apart are in Sundown (Longitude: -74.464198, Latitude: 41.891950; Longitude: -74.465686, Latitude: 41.888883). Gravel removed would be approximately 25,000 cubic yards</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damaged to existing infrastructure and to neighboring private property; resulting detour would be 90 minutes</i>
Cost estimate	<i>\$500,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>permit from NYSDEC would be needed</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead; UC DPW coordination</i>
Local champion	<i>Yes; Town of Denning town board, residents</i>
Other community objectives	<i>none</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Rondout Neversink Stream Managemetn Plan; DPW has been monitoring annually and conditions worsen</i>

Responsible party	<i>Denning Town Highway; UC DPW</i>
Potential funding sources	<i>emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>one year</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #2 - Rural Road Improvement Initiative</i>
Assessing the Risk	
Hazard(s) addressed	<i>Repetitive Washouts</i>
Risk finding	<i>Dirt roads that repeatedly washout in town result in a lack of access and egress for residents (roughly 30) and emergency personnel. These sections are steep and very susceptible to washouts.</i>
Describing the Action	
Action category	<i>infrastructure protection</i>
Action type	<i>drainage improvement</i>
Action description	<i>To improve drainage along sections of these roads, installation of additional culverts and blacktopping of the road surface. Proposed action would occur at three locations in Sundown is Brooks Hill Road, Balace Road, Raymond George Road (Longitude: -74.462054, Latitude: 41.890209; Longitude: -74.464564, Latitude: 41.898763; Longitude: -74.443638, Latitude: 41.889970); In Denning hamlet, location is Coons Road and portion of Red Hill Road from its intersection with New Hill Road to its intersection with Rudolph Rd (Longitude: -74.489064; Latitude: 41.934936)</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damage to existing infrastructure and to neighboring private property;</i>
Cost estimate	<i>6 miles at \$146K per mile = \$876,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Yes, money saved in long term to proactively address known problem; The start up costs and will be high, however over time this project will be cost effective.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>none;</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead</i>
Local champion	<i>Yes; Town of Denning town board</i>
Other community objectives	<i>none</i>
Implementing the Action	
Priority	<i>Medium</i>

Local planning mechanism	<i>2007 Town of Denning Comprehensive Plan</i>
Responsible party	<i>Denning Town Highway</i>
Potential funding sources	<i>emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>two years</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #3 - East Branch Neversink Bridge Replacements</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>Two undersized and deteriorating bridges along Denning Road are frequently causing constrictions during higher flows and abutments are being undermined.</i>
Describing the Action	
Action category	<i>infrastructure protection</i>
Action type	<i>flood hazard mitigation</i>
Action description	<i>Replacement of two bridges (a quarter miles below the Frost Valley YMCA equestrian facility) and just below the New Hill Road Bridge that allow for greater capacity of stream flow. Upper bridge (County-owned) is in a very deteriorated condition as it was installed in the 1920s. Lower town-owned bridge is laid-up stone and extremely narrow and located in an erosion-prone area. Bridges would be re-designed and stream would then be re-aligned/re-dimensioned as needed in consultation with local partners; Two locations (Longitude: -74.478606, Latitude: 41.957969; Longitude: -74.508258, Latitude: 41.939158)</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damaged to existing infrastructure and to neighboring private property; dead end road affecting 15 homes upstream</i>
Cost estimate	<i>\$1.75 million</i>
Cost effectiveness (i.e., benefit/cost)	<i>Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>NYSDEC permits</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead for one; Ulster County DPW for one</i>
Local champion	<i>Yes; Town of Denning town board, residents</i>
Other community objectives	<i>none</i>
Implementing the Action	
Priority	<i>High</i>

Local planning mechanism	<i>Rondout Neverink Stream Management Plan</i>
Responsible party	<i>Denning Town DPW</i>
Potential funding sources	<i>Emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>one year</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #4 - Upper Rondout Creek Infrastructure Protection - Balace Road Bridge</i>
Assessing the Risk	
Hazard(s) addressed	<i>Hillslope failure</i>
Risk finding	<i>A massive failing hillslope (landslide) along the Rondout Creek below Balace Rd (near Sundown) jeopardizes several private properties and is beginning to threaten the downstream abutment of the Balace Rd bridge.</i>
Describing the Action	
Action category	<i>structural</i>
Action type	<i>stormwater</i>
Action description	<i>This project would seek to stabilize a large failing hillslope near County Route 42/Peekamoose Road and Balace Rd which would prevent further streambank erosion in the near future that will threaten the upstream bridge. This area is very active and rock and tree material are routinely lost to the stream. Approximate length is 375'. Longitude: -74.465113, Latitude: 41.897378</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially will reduce damage to existing infrastructure and to neighboring private property</i>
Cost estimate	<i>\$500,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Yes, money saved in long term to proactively address known problem; The start up costs and will be high, however over time this project will be cost effective.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>NYSDEC permits required</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead</i>
Local champion	<i>Yes; Town of Denning town board</i>
Other community objectives	<i>none</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>Denning DPW has monitored site over several years and conditions continue to worsen; Sundown Local Flood Analysis</i>
Responsible party	<i>Denning Town DPW</i>

Potential funding sources	<i>Emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>six months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #5 - Denning Road Culvert Replacement</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>Culvert on dead end road is partially plugged and in a deteriorated condition. If it were to wash out or fail, access would be cut off to all residents and emergency personnel in this very inaccessible location.</i>
Describing the Action	
Action category	<i>structural</i>
Action type	<i>drainage improvement</i>
Action description	<i>This project would design and then replace an under-performing (causing sediment deposition) culvert (partially plugged) over a small tributary with that experiences very flashy flows at times along the town-owned Denning Road. Culvert is likely either/both too large or at wrong grade to convey sediment. This dead end road provides the only access for a YMCA facility and 15 private homes. Location is Longitude: -74.473483, Latitude: 41.958983; and additional locations as yet to be determined.</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damage to existing infrastructure and to neighboring private property; dead end road</i>
Cost estimate	<i>\$60,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>NYSDEC permit; improved fish migration</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead</i>
Local champion	<i>Yes; Town of Denning town board, residents</i>
Other community objectives	<i>none</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>Rondout-Neversink Stream Management Plan; Claryville Local Flood Analysis</i>

Responsible party	<i>Denning Town Highway</i>
Potential funding sources	<i>Emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>three months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #6 - Denning Road Landslide Rehabilitation</i>
Assessing the Risk	
Hazard(s) addressed	<i>Landslide</i>
Risk finding	<i>A large hillslope began to fail years ago (and has progressively gotten worse) along Denning Road. Loss of roadway due to landslide would result in lack of access to a dozen properties at the end a this dead end road.Town DPW must regularly (post-storms) clear debris off of the roadway.</i>
Describing the Action	
Action category	<i>infrastructure protection</i>
Action type	<i>Hillslope failure/ landslide</i>
Action description	<i>This project would stabilize and protect more than 150' of hillslope (60' high) which continues to deteriorate and slide onto a town-owned, dead end road. Above this location are a dozen homes and a YMCA facility that is filled with young campers and other groups that hold retreats throughout the year. Location is at Longitude: - 74.483558, Latitude: 41.956197</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damage to existing infrastructure and to neighboring private property; dead end road;</i>
Cost estimate	<i>\$45,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>none;</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead</i>
Local champion	<i>Yes; Town of Denning town board, residents</i>
Other community objectives	<i>none</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Town DPW has monitored annually and deemed in need of mitigation</i>

Responsible party	<i>Denning Town Highway</i>
Potential funding sources	<i>FEMA HMA grants - Hazard Mitigation Grant Program; FHWA Emergency Relief Program; Emergency Watershed Protection (EWP) program;</i>
Time line	<i>three months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #7 - East Branch Neversink Infrastructure Protection - Debris Removal</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>With several significant flooding events within the past decade, gravel bars have formed and large woody debris has accumulated in many locations throughout the Town. Several of these depositional areas are in locations that either direct streamflow alongside or directly at Denning Road (a dead end road), or are located just upstream of bridges.</i>
Describing the Action	
Action category	<i>infrastructure protection</i>
Action type	<i>flood hazard mitigation</i>
Action description	<i>This project would remove or remediate multiple locations (wood and/or gravel) throughout the East Branch Neversink River along Denning Rd. If practicable, the material would be used onsite and done as part of a larger, organized plan for sediment transport and woody debris management with the Rondout-Neversink Stream Program. These locations continue to collect additional debris during bankful storm events: Gravel (Longitude: -74.462327, Latitude: 41.961277; Latitude: 41.959730; Longitude: -74.477371, Latitude: 41.957687; Longitude: -74.525637, Latitude: 41.937010); Woody debris (Longitude: -74.464290, Latitude: 41.960282; Longitude: -74.482204, Latitude: 41.956500; Longitude: -74.484712, Latitude: 41.954440; Longitude: -74.496924, Latitude: 41.943863; Longitude: -74.538458, Latitude: 41.928589); Woody debris & Gravel (Longitude: -74.499950, Latitude: 41.941282; Longitude: -74.513374, Latitude: 41.939460), and additional locations as yet to be determined.</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damage to existing infrastructure and to neighboring private property; dead end road</i>
Cost estimate	<i>Approximately \$2 million</i>
Cost effectiveness (i.e., benefit/cost)	<i>Yes, money saved in long term to proactively address known problem; The start up costs and will be high, however over time this project will be cost effective.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>NYSDEC permits</i>

Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead</i>
Local champion	<i>Yes; Town of Denning town board, residents</i>
Other community objectives	<i>none</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Rondout - Neversink Stream Management Plan</i>
Responsible party	<i>Denning Town Highway</i>
Potential funding sources	<i>Emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>one year</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #8 - West Branch Neversink Infrastructure Protection - Debris Removal</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>With several significant flooding events within the past decade, gravel bars have formed and large woody debris has accumulated in many locations throughout the Town. Several of these depositional areas are in locations that either direct streamflow alongside or directly at Frost Valley Road, or are located just upstream of bridges.</i>
Describing the Action	
Action category	<i>infrastructure protection</i>
Action type	<i>flood hazard mitigation</i>
Action description	<i>This project would removal or remediate multiple locations (wood and/or gravel) throughout the West Branch Neversink River along Frost Valley Rd (County Rte 47). If practicable, the material would be used onsite and done as part of a larger, organized plan for sediment transport and woody debris management with the Rondout-Neversink Stream Program. These locations continue to collect additional debris during bankful storm events: Woody debris (Longitude: -74.521518, Latitude: 41.976082 (high falls brook); Longitude: -74.568025, Latitude: 41.950814 (fall brook)); Woody debris & Gravel (Longitude: -74.553708, Latitude: 41.954369)</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damage to existing infrastructure and to neighboring private property along a vital road that provides access to a major YMCA campus.</i>
Cost estimate	<i>\$150,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Yes, money saved in long term to proactively address known problem; The start up costs and will be high, however over time this project will be cost effective.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive and will work closely with Ulster County; affected home owners</i>
Legal	<i>In the town's jurisdiction, but structure is County responsibility, and Town supports the project.</i>
Environmental	<i>NYSDEC permit</i>
Social	<i>none</i>
Administrative capability	<i>Ulster County DPW would be lead</i>
Local champion	<i>Yes; Town of Denning town board, residents</i>
Other community objectives	<i>none</i>
Implementing the Action	

Priority	<i>High</i>
Local planning mechanism	<i>Rondout - Neversink Stream Management Plan</i>
Responsible party	<i>Ulster County Highway Department</i>
Potential funding sources	<i>Emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>six months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #9 -Preemptive Infrastructure Protection - Peekamoose Road</i>
Assessing the Risk	
Hazard(s) addressed	<i>flooding</i>
Risk finding	<i>A large, and recent (appeared after TS Irene) hillslope failure along Peekamoose Rd on the upper Rondout Creek is starting to erode the base of the County Road. This problem started in 2011, and each high water event since continues to take more embankment away, causing stream to migrate toward road.</i>
Describing the Action	
Action category	<i>structural</i>
Action type	<i>drainage improvement; infrastructure protection</i>
Action description	<i>Project would stabilize the embankment where a massive hillslope failure (500' long by 100' high) is already impacting the road. After stabilization of the toe of the embankment, the stream channel would be re-aligned to keep it away from the road. Location is Longitude: -74.450908, Latitude: 41.911057; There are additional locations, as yet to be determined, that also may need mitigation</i>
Existing, future &/or NA	<i>future and existing development</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>This will protect the roadway. The resulting detour, should the road wash out, is 120 minutes.</i>
Cost estimate	<i>\$650,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>public health and safety are the benefits; Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible.</i>
Political	<i>Town Board is supportive and will coordinate and support Ulster County.</i>
Legal	<i>none</i>
Environmental	<i>will improve the environment by preventing erosion; NYSDEC permit needed</i>
Social	<i>none</i>
Administrative capability	<i>Town of Denning DPW would be lead; coordination with County of Ulster</i>
Local champion	<i>Yes; Town of Denning town board</i>
Other community objectives	<i>economic development</i>
Implementing the Action	
Priority	<i>High</i>

Local planning mechanism	<i>Town officials have been monitoring locations closely and have recommended remediation.Sundown Local Flood Analysis</i>
Responsible party	<i>Denning DPW</i>
Potential funding sources	<i>Emergency Watershed Protection (EWP) program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>six months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #10 -Preemptive Infrastructure Protection - Peekamoose Road at Peekamoose Lake</i>
Assessing the Risk	
Hazard(s) addressed	<i>flooding</i>
Risk finding	<i>A recent (appeared after TS Irene) embankment failure along Peekamoose Rd on the upper Rondout Creek, just downstream of the impoundment at Peekamoose Lake is starting to erode the base of the Town Road. This problem started in before 2011, and each high water event since continues to take more embankment away, causing stream to migrate toward road.</i>
Describing the Action	
Action category	<i>structural</i>
Action type	<i>drainage improvement; infrastructure protection</i>
Action description	<i>Project would stabilize the embankment (and additional locations, as yet to be determined) where a small, but very active road embankment failure is threatening the integrity of the Town Rd. After stablization of the embankment, the stream channel would be re-aligned to keep it away from the road. Location is Longitude: Longitude: - 74.380699, Latitude: 41.927073</i>
Existing, future &/or NA	<i>future and existing development</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>This will protect the roadway. The resulting detour , should the road wash out, is 120 minutes.</i>
Cost estimate	<i>\$200,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible.</i>
Political	<i>Town Board is supportive</i>
Legal	<i>none</i>
Environmental	<i>will improve the environment by preventing erosion; NYSDEC permit needed</i>
Social	<i>none</i>
Administrative capability	<i>Town DPW would be lead</i>
Local champion	<i>Yes; Town of Denning town board</i>
Other community objectives	<i>economic development</i>

Implementing the Action	
Priority	<i>Low</i>
Local planning mechanism	<i>Rondout Neversink Stream Management Plan</i>
Responsible party	<i>Town Denning DPW</i>
Potential funding sources	<i>Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>three months</i>
Reporting on Progress	
Action progress status	<i>new</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #11 -Preemptive Infrastructure Protection - Raymond George Rd</i>
Assessing the Risk	
Hazard(s) addressed	<i>landslide</i>
Risk finding	<i>This project would remediate an ongoing hillslope failure along Raymond George Road that requires ongoing attention and maintance by the Town.</i>
Describing the Action	
Action category	<i>structural</i>
Action type	<i>infrastructure protection</i>
Action description	<i>This project would stabilize and protect more than 300' of hillslope (200' high) which continues to deteriorate and slide onto a town-owned road. Stablization with a large rock wall would be designed for the embankment. Location is Longitude: -74.445282, Latitude: 41.888714</i>
Existing, future &/or NA	<i>future and existing development</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>This will protect the roadway</i>
Cost estimate	<i>\$250,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>public health and safety are the benefits; 'Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible.</i>
Political	<i>Town Board is supportive</i>
Legal	<i>none</i>
Environmental	<i>will improve the environment by preventing erosion</i>
Social	<i>none</i>
Administrative capability	<i>Town DPW would be lead</i>
Local champion	<i>Yes; Town of Denning town board</i>
Other community objectives	<i>economic development</i>
Implementing the Action	
Priority	<i>Low</i>
Local planning mechanism	<i>DPW has been monitoring location for several years and mitigation is recommended in the near future.</i>
Responsible party	<i>Town Denning DPW</i>

Potential funding sources	<i>Emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>three months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #12 - Erts Brook Bridge Replacement - Box Culvert</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>This project would replace an undersized bridge over Erts Brook along the town-owned Denning Road. This dead end road provides the only access for a YMCA facility and 15 private homes.</i>
Describing the Action	
Action category	<i>structural</i>
Action type	<i>flood hazard mitigation</i>
Action description	<i>This project would replace an undersized and deteriorating culvert (partially plugged) over Erts Brook along the town-owned Denning Road. A concrete box culvert would be installed as it will increase capacity as well as allow fish passage in this sensitive trout spawning location. This dead end road provides the only access for a YMCA facility and 15 private homes. Location is Longitude: -74.486875, Latitude: 41.953340</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damage to existing infrastructure and to neighboring private property; dead end road</i>
Cost estimate	<i>\$60,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>NYSDEC permit</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead</i>
Local champion	<i>Yes; Town of Denning town board, residents</i>
Other community objectives	<i>economic development</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Rondout - Neversink Stream Management Plan</i>
Responsible party	<i>Denning Town Highway</i>

Potential funding sources	<i>Emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>two months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #13 - Round Pond Outlet - Box Culvert Replacement</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>This project would replace an undersized and degrading culvert along the town-owned Round Pond Road. This road provides direct access to more than two dozen properties and the resulting detour would be in excess of two hours.</i>
Describing the Action	
Action category	<i>structural</i>
Action type	<i>flood hazard mitigation</i>
Action description	<i>This project would replace an undersized and deteriorating culvert over the outlet to Round Pond along Round Pond Road. A new 40-foot four sided concrete box culvert would be installed as it will increase capacity and is more suited to the site conditions. Location is Longitude: -74.582944, Latitude: 41.940508</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damage to existing infrastructure and to neighboring private property;</i>
Cost estimate	<i>125,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Yes, money saved in long term to proactively address known problem; The start up costs and will be high, however over time this project will be cost effective.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>NYSDEC permit</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead</i>
Local champion	<i>Yes; Town of Denning town board, residents</i>
Other community objectives	<i>economic development</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>DPW supervisor has recognized as a potential hazard and continues to monitor closely</i>
Responsible party	<i>Denning Town Highway</i>

Potential funding sources	<i>Emergency Watershed Protection (EWP) program; NY Rising Community Reconstruction Program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>two months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #14 - Upper Rondout Creek Preemptive Stormwater Mitigation</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>Two under-sized culverts (0.4-mile apart) routinely become over-topped with flood flows during heavy storms that force the Town to close Peekamoose Rd (a crucial road that serves half of the town in an extremely remote area) prevent ingress/egress by residents and emergency personnel.</i>
Describing the Action	
Action category	<i>structural</i>
Action type	<i>drainage improvement</i>
Action description	<i>This project would resize (based upon results of H&H analysis) a 6' culvert pipe to a concrete box culvert - likely 8' x 8' to better convey stormwater underneath a crucial road in the most populated location along this rural mountain road. A second mitigation action (0.4-mile up the valley on another small tributary) would replace an antiquated and vastly undersized 14' long bridge to a span of at least 18' in length. The debris that has accumulated in the channel upstream of each structure would also be cleaned out so that conveyance is maximized.</i>
Existing, future &/or NA	<i>protects existing and future development</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damage to existing infrastructure and to neighboring private property; resulting detour would be 180 minutes</i>
Cost estimate	<i>\$150,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>0.51 (taken from Sundown LFA report)</i>
Technical	<i>Technically feasible.</i>
Political	<i>none</i>
Legal	<i>none</i>
Environmental	<i>permit from NYSDEC would be needed</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept</i>
Local champion	<i>Town of Denning town board, residents</i>
Other community objectives	<i>none</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>Rondout Neversink Stream Management Plan; DPW has been monitoring annually and conditions worsen; Sundown Local Flood Analysis</i>

Responsible party	<i>Denning Town Highway;</i>
Potential funding sources	<i>Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>two months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #15 - Denning Road Bridge Replacement at Saito Property</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>This project would replace an undersized and deteriorating bridge over a tributary to the East Branch Neversink along the town-owned Denning Road. This dead end road provides the only access for a YMCA facility and 15 private homes.</i>
Describing the Action	
Action category	<i>structural</i>
Action type	<i>flood hazard mitigation</i>
Action description	<i>This project would replace an undersized and antiquated bridge (that has lost some of its conveyance capacity because of debris accumulation) over a small stream along the town-owned Denning Road. A larger span (approximately 14') bridge would be installed as it will increase capacity as well as enhance fish passage. The debris would also be removed from the channel. This is a dead end road that provides the only access for a YMCA facility and 15 private homes. Location is Longitude: -74.520757, Latitude: 41.940638</i>
Existing, future &/or NA	<i>protects existing road and access to private properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Substantially reduce damage to existing infrastructure and to neighboring private property; dead end road</i>
Cost estimate	<i>\$85,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible.</i>
Political	<i>town is supportive, as are affected homes</i>
Legal	<i>none</i>
Environmental	<i>NYSDEC permit</i>
Social	<i>none</i>
Administrative capability	<i>Town Highway Dept would be lead</i>
Local champion	<i>Yes; Town of Denning town board, residents</i>
Other community objectives	<i>economic development</i>
Implementing the Action	

Priority	<i>medium</i>
Local planning mechanism	<i>Rondout - Neversink Stream Management Plan</i>
Responsible party	<i>Denning Town Highway</i>
Potential funding sources	<i>Emergency Watershed Protection (EWP) program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>three months</i>
Reporting on Progress	
Action progress status	<i>New action</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Denning</i>
Community action number	<i>Denning #16 - Town Hall Vicinity Flood Reduction Projects</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>The town hall and several residential structure in the hamlet of Claryville have been repeatedly flooded by the waters of the East Branch Neversink and sheet flow off of the steep mountainsides. At this location, dozend of properties upstream are isolated in storm events, including two YMCA facilities.</i>
Describing the Action	
Action category	<i>Structural, natural resource protection</i>
Action type	<i>Relocation, drainage improvement,</i>
Action description	<i>This project, recommended as part of the Claryville Local Flood Analysis, calls for the removal and relocation of the town hall (currentl within the 1% annual risk flood zone), adding additional conveyance at the County bridge adjacent to the Denning Town Hall, raising Denning Road to prevent overtopping, and stabilizing the toe of the failed bank (large sediment input to drinking water supply stream and trout stream) on the outside of the bend downstream. A new facility outside the floodplain would be built. Several homes are at risk in this location and this project would also support the elevation of those structure so as to better convey floodwaters through.</i>
Existing, future &/or NA	<i>Addresses existing structures</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Emergency service, highway department, and town offices would be available to fuinction during diasters;</i>
Cost estimate	<i>\$3,000,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Over time, mitigation of repetitively inundated roadways (that sustain damage) and private driveways will be cost effective. Existing conditions require active and on-going maintenance by staff. Benefits are difficult to quantify, but anticipated to be in excess of project cost.</i>
Technical	<i>Technically feasible. Flooding problem that compromises Emergency Services, DPW, and town offices will be solved long-term.</i>
Political	<i>Public, town are supportive or relocating out of floodzone.</i>
Legal	<i>none</i>
Environmental	<i>NYSDEC permit required</i>
Social	<i>none</i>
Administrative capability	<i>Town Board would be lead</i>
Local champion	<i>Yes; Town of Denning town board</i>

Other community objectives	<i>Yes; It will also allow the expansion of the facility to meet the needs of the community and residents; open space preservation in floodzone would result in greater floodplain function.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Claryville Local Flood Analysis</i>
Responsible party	<i>Town of Denning</i>
Potential funding sources	<i>Emergency Watershed Protection (EWP) program; Flood Hazard Mitigation Implementation Program (FHMIP); Stream Management Implementation Grants (SMIP)</i>
Time line	<i>one year</i>
Reporting on Progress	
Action progress status	<i>New action</i>



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

OUTREACH LOG:

Summary of Outreach Activities to the General Public and Other Stakeholders

PARTICIPATING JURISDICTION: Town of Denning

DATE OF ACTIVITY	TYPE OF ACTIVITY	ACTIVITY DETAILS	LEAD DEPARTMENT AND/OR STAFF TITLE WHO UNDERTOOK ACTIVITY
9/3/13	Town of Denning Board Meeting	<p>TEXT TAKEN FROM TOWN BOARD MEETING MINUTES:</p> <p>Supervisor Bruning informs the Town Board of the updating of the Ulster County Hazardous Mitigation Plan and that the Town of Denning has previously been left out and we must make certain that we are in the plan to be eligible for any upcoming funding.</p> <p>The kick-off meeting is October 3rd at 9:30 am in the Ulster County Legislative Office.</p> <p>Discussion follows.</p> <p>Councilman Dave Brooks volunteers to attend and Councilman Paul Schoonmaker volunteers to attend and be the designated alternate so that Councilman Kevin Smith does not need to take days off from work.</p>	Bill Bruning, Denning Town Supervisor
1/26/14 – 2/18/14	Information posted on Town of Denning homepage for the UCMJHMP update, and asking for public input	<p>TEXT OF WEBSITE POSTING:</p> <p>The Town of Denning is currently working on updating the Ulster County Hazard Mitigation Plan. We would like to have your input on any Hazard Mitigation ideas (such as flood, snow, power outage, etc.).</p> <p>Please put your thoughts and ideas in writing, you can email them to townhall@denning.us or mail to the Town of Denning, PO Box 277, Claryville, NY 12725.</p> <p>PLEASE NOTE: IDEAS WILL BE ACCEPTED UNTIL FEBRUARY 7, 2014.</p> <p>David Brooks, Supervisor</p>	Joy Ann Monforte, Town Clerk

11/3/14	Denning-Neversink Local Flood Analysis Committee Meeting	Announcement of Denning's participation in the MJHMP update and sought public and appointed members to provide input and suggestions for projects	Aaron Bennett, UC Environmental Planner
11/21/14	UCMJHMP Planning Committee Meeting	Planning meeting to review where Ulster County is within the process and to receive updates from consultants with revised timelines, etc.	David Brooks, Denning Town Supervisor
11/21/14	UCMJHMP Workshop for Committee Members and Jurisdictions	A hands-on workshop to ask specific questions to URS and County staff and to have assistance in completing the required worksheets for municipalities	David Brooks, Denning Town Supervisor
12/2/14	Town of Denning Board Meeting	<p>TEXT TAKEN FROM TOWN BOARD MEETING MINUTES:</p> <p>A meeting with Mr. Aaron Bennett of the Ulster County Department of the Environment. They worked on the required Ulster County Flood Hazard Mitigation.</p> <p>Supervisor Brooks gave him a wish list of projects:</p> <p># 1 - Clean out all woody debris and gravel bars in the streams for the entire Town of Denning.</p> <p>#2 - Pave dirt roads where there are continual washouts.</p> <p>#3 - Raise the old portion of the Town Hall, which has flooded.</p> <p>Mr. Bennett works in conjunction with the CWC and Karen Rauter. He was very receptive and Supervisor Brooks feels this is the best path to get something done.</p> <p>Ulster County Real Property has a very informative interactive map, a link is on the Town website.</p>	David Brooks, Denning Town Supervisor

5/2/15	Town of Denning Board Meeting	<p>TEXT TAKEN FROM TOWN BOARD MEETING MINUTES:</p> <p>Supervisor Brooks reported meeting with Aaron Bennett regarding the Ulster County Hazardous Mitigation Plan and have included all of the woody debris and gravel bars in the plan as well as the dirt roads needing paving to armor them.</p>	David Brooks, Denning Town Supervisor
7/6/15 - current	Information posted again on Town of Denning homepage for the UCMJHMP update – final projects list, and asking for public input	<p>TEXT FROM WEBPAGE - "Town Clerks Notes":</p> <p>U.C. Multi Jurisdictional Hazard Mitigation Plan Update (http://ulstercountyny.gov/emergency-services/hazard-mitigation)</p> <p>The Town of Denning will be including the following Projects for Inclusion. (see below)</p> <p>For additional information on each or to submit ideas please email your comments to townhall@denning.us</p> <p>#1) Upper Rondout Creek Infrastructure Protection</p> <p>#2) Rural Road Improvement Initiative</p> <p>#3) East Branch Neversink Bridge Replacement</p> <p>#4) Upper Rondout Creek Infrastructure Protection-Landslide</p> <p>#5) Denning Road Culvert Replacement</p> <p>#6) Denning Road Landslide Rehabilitation</p> <p>#7) East Branch Infrastructure Protection- Debris Removal</p> <p>#8) West Branch Neversink Infrastructure Protection-Debris Removal</p> <p>#9) Preemptive Infrastructure Protection- Peekamoose Road</p> <p>#10) Preemptive Infrastructural Protection- Peekamoose Road at Peekamoose Lake</p> <p>#11) Preemptive Infrastructure Protection- Raymond George Road</p> <p>#12) Ert's Brook Bridge Replacement- Box Culvert</p> <p>#13) Round Pond Outlet- Box Culvert Replacement</p>	Joy Ann Monforte, Town Clerk

7/7/15	Town of Denning Board Meeting	<p>TEXT TAKEN FROM TOWN BOARD MEETING MINUTES:</p> <p>Met with Aaron Bennett regarding the Ulster County Hazardous Mitigation Plan and have included all of the woody debris and gravel bars in the plan as well as the dirt roads needing paving to armor them.</p> <p>Denning UCMJHMP Index of Projects - draft</p> <ul style="list-style-type: none"> - Denning #1 - Upper Rondout Creek Infrastructure Protection - Denning #2 - Rural Road Improvement Initiative - Denning #3 - East Branch Neversink Bridge Replacements - Denning #4 - Upper Rondout Creek Infrastructure Protection - Balace Road Bridge - Denning #5 - Denning Road Culvert Replacement - Denning #6 - Denning Road Landslide Rehabilitation - Denning #7 - East Branch Neversink Infrastructure Protection - Debris Removal - Denning #8 - West Branch Neversink Infrastructure Protection - Debris Removal - Denning #9 -Preemptive Infrastructure Protection - Peekamoose Road - Denning #10 -Preemptive Infrastructure Protection - Peekamoose Road at Peekamoose Lake - Denning #11 -Preemptive Infrastructure Protection - Greenville and Raymond George Roads - Denning #12 - Erts Brook Bridge Replacement - Box Culvert - Denning #13- Round Pond Outlet- Box Culvert Replacement <p>Highway Superintendent Dan Van Sader requests that 2 more sites are added; the bridge by Siato's and the culvert on Peekamoose Road by Gladys. Supervisor Brooks requests he take the measurement and explains the location to start from. Discussion follows on each site.</p> <ul style="list-style-type: none"> - Supervisor Brooks thanks Councilman Mike Dean for his efforts on this project. 	David Brooks, Denning Town Supervisor
--------	-------------------------------	--	---------------------------------------

Town of Denning

Supervisor David Brooks

Councilman: Mike Dean, Paul Schoonmaker, Kevin Smith, Greg Vurckio

Town Clerk / Tax Collector Joy Monforte

townhall@denning.us

PO Box 277 - Claryville, NY 12725

Phone: (845) 985 -2411 - Fax: (845) 985-0188



Ulster County Multi-Jurisdictional Hazard Mitigation Plan update Outreach Log Supporting Materials

Page 1 – Legal Notice regarding UCMJHMP update

Page 2-3 – Denning website posting in January 2014

Page 4 – Screenshot of Denning website posting July 6, 2015 - current

Page 5-7 – Sample of correspondence from a resident regarding UCMJHMP update

Town of Denning

Supervisor David Brooks

Councilman: Mike Dean, Paul Schoonmaker, Kevin Smith, Greg Vurckio

Town Clerk / Tax Collector Joy Monforte

townhall@denning.us

PO Box 277 - Claryville, NY 12725

Phone: (845) 985 -2411 - Fax: (845) 985-0188



PLEASE TAKE NOTICE:

The Town of Denning is currently working on updating the Ulster County Hazard Mitigation Plan. We would like to have your input on any Hazard Mitigation ideas (such as flooding, snow, power outage, etc.).

Please put your thoughts and ideas in writing, you can email them to townhall@denning.us or mail to the Town of Denning, PO Box 277, Claryville, NY 12725.

PLEASE NOTE: IDEAS WILL BE ACCEPTED UNTIL FEBRUARY 7, 2014.

David Brooks
Supervisor

January 16th, 2014

"Eagle fishing in Claryville" - Photo by Karl Von Hassel, Town of Denning, NY - 2014.




PO Box 277
Claryville NY 12725
Denning.us

Joy Ann Monforte
Town Clerk

Phone (845) 985-2411
Fax (845) 985-0188
TownHall@Denning.us

Next Page: [Access and Contacts](#) - or the - [Town Clerks Notes - \(Important Info.\)](#)

** Be sure to check the [Town Clerks Notes](#), the [Calendar](#), and the [Legal Notice](#) pages for other information.

We are currently redesigning the website and using WordPress. The transition will take a little while and things will be changing everyday as we make the conversion. Thank you for your patience. The best place to find what you looking for is the "Site Map" page. We are also listing some links below: 

February 12, 2014

PLEASE TAKE NOTICE:

The Denning Town Hall will be CLOSED on Thursday, Feb. 13, 2014 Due to impending bad weather.
Joy Monforte,
Town Clerk

PLEASE TAKE NOTICE:

The Planning Board Meeting for Thursday, February 13, 2014 - HAS BEEN POSTPONED -
until Thursday, February 20th, 2014.
Joe Sibiga,
Planning Board Chair

Access and Contacts - Where is everything and who to contact.	Laws & Ordinance - Current and revised Town Ordinances.
Government Officers - Who's who; Local Government Contacts	Forms and Permits - Various official permits and forms.
Legal Notices - Published public legal notices.	Town Photos - Photos of Denning submitted by residents.
Town Calendar - Monthly calendar current and past.	Town Maps - Where are all the roads in our town.
Meeting Minutes - Various official town minutes.	Highway Department - Highway Dept. information page.
Links & Resources - Resources and community links.	Website Information - Website, Forum, and Copyright.
Planning Board - Meeting schedule, notice, and information.	Town History - Brief History of the Town of Denning.
Revised Zoning Project - Denning's Land Use Codes.	Zoning Board of Appeals (ZBA) - for the Town of Denning.
Claryville Fire District - Claryville Fire District & Department.	Weather - NOAA weather in the Town of Denning

PRELIMINARY FEMA FLOOD INSURANCE RATE MAP (FIRM)

Preliminary flood hazard data (preliminary data) provide the public an early look at their home or community's projected risk to flood hazards. Preliminary data may include: new or revised Flood Insurance Rate Maps (FIRM), Flood Insurance Study (FIS) reports, and FIRM Databases.

FEMA Link to: [Ulster Co., NY Preliminary FIRM Data Viewer.](#)

January 6, 2014

RESIDENTS INPUT on ULSTER COUNTY HAZARD MITIGATION PLAN

The Town of Denning is currently working on updating the Ulster County Hazard Mitigation Plan.
We would like to have your input on any Hazard Mitigation ideas (such as flood, snow, power outage, etc.).

Please put your thoughts and ideas in writing, you can email them to townhall@denning.us or mail to the Town of Denning, PO Box 277, Claryville, NY 12725.

PLEASE NOTE: IDEAS WILL BE ACCEPTED UNTIL FEBRUARY 7, 2014.

David Brooks
Supervisor

Contact the Town Hall for further info. 985-2411

Front page of the Town of
Denning Website at Denning.us

January 6, 2014
to
February 18, 2014

Town Calendar - Monthly calendar current and past.
Meeting Minutes - Various official town minutes.
Links & Resources - Resources and community links.
Planning Board - Meeting schedule, notice, and information.
Revised Zoning Project - Denning's Land Use Codes.
Claryville Fire District - Claryville Fire District & Department.

Town Maps - Where are all the roads in our town.
Highway Department - Highway Dept. information page.
Website Information - Website, Forum, and Copyright.
Town History - Brief History of the Town of Denning.
Zoning Board of Appeals (ZBA) - for the Town of Denning.
Weather - NOAA weather in the Town of Denning

PRELIMINARY FEMA FLOOD INSURANCE RATE MAP (FIRM)

Preliminary flood hazard data (preliminary data) provide the public an early look at their home or community's projected risk to flood hazards. Preliminary data may include: new or revised Flood Insurance Rate Maps (FIRM), Flood Insurance Study (FIS) reports, and FIRM Databases.

FEMA Link to: [Ulster Co., NY Preliminary FIRM Data Viewer.](#)

January 6, 2014

RESIDENTS INPUT on ULSTER COUNTY HAZARD MITIGATION PLAN

The Town of Denning is currently working on updating the Ulster County Hazard Mitigation Plan. We would like to have your input on any Hazard Mitigation ideas (such as flood, snow, power outage, etc.).

Please put your thoughts and ideas in writing, you can email them to townhall@denning.us or mail to the Town of Denning, PO Box 277, Claryville, NY 12725.

PLEASE NOTE: IDEAS WILL BE ACCEPTED UNTIL FEBRUARY 7, 2014.

David Brooks
Supervisor

Contact the Town Hall for further info. 985-2411

Note: - This page is a larger view of the bottom of the previous page for readability.

The webpage now archived was the front page of the Town of Dennings Website ...
viewed on the internet from January 6th to February 18th of 2014... ..

jd=443

WOH Towns AWSMP Precip Floods Grants Ulster Co AccuWeather Pro ActiveLogon Catskill.net

U.C. Multi Jurisdictional Hazard Mitigation Plan Update

Posted on July 6, 2015 by TownClerk

<http://ulstercountyny.gov/emergency-services/hazard-mitigation>

Hazardous Mitigation

The Town of Denning will be including the following Projects for Inclusion. (see below)
For additional information on each or to submit ideas please email your comments to townhall@denning.us

- #1) Upper Rondout Creek Infrastructure Protection
- #2) Rural Road Improvement Initiative
- #3) East Branch Neversink Bridge Replacement
- #4) Upper Rondout Creek Infrastructure Protection-Landslide
- #5) Denning Road Culvert Replacement
- #6) Denning Road Landslide Rehabilitation
- #7) East Branch Infrastructure Protection- Debris Removal
- #8) West Branch Neversink Infrastructure Protection-Debris Removal
- #9) Preemptive Infrastructure Protection- Peekamoose Road
- #10) Preemptive Infrastructural Protection- Peekamoose Road at Peekamoose Lake
- #11) Preemptive Infrastructure Protection- Raymond George Road
- #12) Erts Brook Bridge Replacement- Box Culvert
- #13) Round Pond Outlet- Box Culvert Replacement

Posted in [Clerks Post](#) | Comments Off

*January 28, 2014
To Town of Denning Supervisor David Brooks*

Dear David,

The attached document was presented to the Town Board in October 2011 and we are not sure whether it was passed on to you. We developed this after Hurricane Irene because of the situation of helplessness in which we and others in Sundown found ourselves.

Though this is centered around flooding issues, much of it is also applicable to other hazards. We request a meeting with you before the February 7 deadline so we can discuss this and how it applies to Denning in the Ulster County Hazard Mitigation Plan.

We are grateful that you are asking for our input and look forward to sitting down with you. To make it more convenient for all of us, we propose to meet at my house.

Please reply at your earliest convenience.

Best wishes,

*Pixie Piera
With Carol Ryan*

To: Town of Denning Board

From: concerned citizens of Sundown Merrill Piera, Charles Piera, Carol Ryan

For submission at the Town Board Meeting Tuesday, October 4, 2011

The recent flooding experience in our area brought to light a number of concerns which we would like to bring to your attention and request your assistance to address.

Specifically, our concerns center around:

- The need for an early warning system for those at risk –we did appreciate the heroic efforts of Councilman David Brooks who knocked on many doors, but we feel a more coordinated and systematized effort is required in the future
- The need for a designated safe assembly and shelter area for folks and their pets who are stranded by floodwaters and who cannot get out to shelters by any route
- The need to identify Sundown residents in advance of a flood who are vulnerable due to age or ill health and cannot evacuate themselves
- The need to identify Sundown residents in advance of a flood who do not have transportation and cannot evacuate themselves
- The need for Sundown residents to have a designated safe place to park cars so that they are not destroyed by floodwaters
- The need to make the various emergency plans easily accessible to the public and to update residents on these plans as they are improved
- The need to invite public participation in helping to plan a response to local flooding

We reviewed the following plans in looking for some answers and became very concerned. We will refer to each plan and express our concerns:

The Ulster County Comprehensive Emergency Management Plan

(<http://www.co.ulster.ny.us/emercencyservices/comp/CEMP4-24-07.pdf>): There is a list entitled “Flood Hazards” (p.21) The Town of Denning is not identified on this list at all. Our concern is that if the plan was designed to address Ulster County’s identified hazards, and Denning has not been identified in the document for flood hazard issues, then Denning is apparently not recognized as being at risk. What does this mean for us?

- The Ulster County Mutli-Jurisdictional Natural Hazard Mitigation Plan: (http://www.co.ulster.ny.us/emercencyservices/management/haz_mit/Ulster%20County%20Final%20Hazard%20Mitigation%20Plan%20Feb2009.pdf) this plan was designed to mitigate natural hazards such as floods in Ulster County and many Ulster County Towns participated in developing this plan.
- Although invited, the Town of Denning chose not to participate in the development of this plan. According to the plan, Denning did not provide the “key deliverables” required in order to include hazards from the Town of Denning in the plan. Does this affect the kind of aid and consideration we might receive from the County level?
- We found a suggestion in Table 6-1 that the County request a courtesy review of the Denning Flood Mitigation Plan. Although currently Denning has no separate “Flood Mitigation Plan”, we suggest that the Town of Denning might want to contact Ulster County and request that they review our Emergency Management Plan for their expert input and analysis.

Town of Denning Comprehensive Emergency Management Plan (2008):
<http://www.denning.us/docs/EmergencyPlan-Aug08-rev.pdf>

On p.10, it is stated: “The Town Emergency Services Committee, in coordination with the Ulster County Emergency Manager will:

- a. identify potential hazards in the Town, and outside of Town boundaries that could affect the Town.
- b. determine the probable impact each of those hazards could have on people and property.
- c. delineate the geographic areas affected by potential hazards, plot them on maps, and designate them as hazard areas.

Significant potential hazards to be identified and analyzed include natural, technological, and human-caused hazards.” Has any of this been done? If so, can the hazard maps be clearly posted on the Town website?

P. 11 (3.): refers to a “Town Emergency Services Coordinator” who should “conduct table-top exercises based on specific hazards and hazard areas identified by the Committee.”

We request to know the identity of the Town Emergency Services Committee and the Town Emergency Services Coordinator so we can bring our concerns to them and work with them as well to better prepare our Town for the next event.

We’d also like to know whether tabletop exercises have been done yet to plan for specific dangers and needs as recommended in the Comprehensive Plan.

On the last page of the plan, under the heading “Emergency Shelter”, Tri-Valley School is listed, with the contact person listed as District Superintendent Tom Palmer, as the official shelter for Denning. In reality Mr. Palmer stated that Town of Denning evacuees must to go to Ellenville for shelter facility, 19 miles away instead of 5 miles away, from Sundown. Sundown residents pay school taxes to Tri-Valley, as you know and should have access to the facility they support.

Can this confusion be cleared up and posted on the Town website as soon as possible?

Town of Denning Comprehensive Plan (2007): <http://www.denning.us/docs/ComprehensivePlan-Oct07.pdf>

In Section 3.1.4, p. 17, entitled: **Institute Floodplain Development Zoning**, it states, “Clearly, the community is at risk from floods and should have a flood mitigation plan (as part of a local hazard mitigation plan)...this is a prerequisite for receiving hazard mitigation grants”.

We strongly suggest that a “Flood Mitigation Plan” be developed as recommended as soon as possible.

Can the Town also provide access to all the Plans and maps; County, Town, and Emergency through a link named “Plans” on the Town web site?

One last point: has the Town of Denning registered to post alerts on the NYAlerts site? This would generate simultaneous phone calls to all Denning residents who signed up to be alerted to flood dangers and evacuation orders (and other natural and Public Health emergencies).

We will follow up further on these issues and ask that Flooding Preparedness and Mitigation be included in the Agenda for the November Town Board Meeting.

Thank you for your time and attention.