

APPENDIX 1.3 – MEETING MATERIALS

1 - PROJECT INITIATION MEETING – AUGUST 16, 2013

- Sign-in sheet
- Agenda



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update
 Project Initiation Meeting –August 16, 2013 at 9:30 a.m.
 – CONFERENCE CALL –

Last Name	First Name	Representing	Email Address	Phone
Snyder	Art	UCECEM – Director	asny@co.ulster.ny.us	845-331-7000
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Foley	Anna	URS – Project Manager	anna.foley@urs.com	973-883-8500 (-8562 direct)
Franks	Richard	URS – Deputy Project Manager	richard.a.franks@urs.com	973-883-8500 (-8559 direct)



**Ulster County Multi-Jurisdictional
Hazard Mitigation Plan Update
Project Initiation Meeting
- CONFERENCE CALL -
August 16, 2013
9:30 a.m.**

AGENDA
Refine Scope of Work and Schedule

- Assessment of overall readiness of the CPG to begin the update process
- Plan Maintenance and Integration - CPG Activities/Progress since FEMA's approval
- Schedule and Scope of Work - Proposed Approach
- Meetings
- GIS - Point of Contact
- Outreach to the Public and Other Stakeholders
- Insurance Certificates
- New Local Mitigation Planning Guide (October 2011) and Handbook (March 2013)
 - Guide:
 - <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=4859>
 - Handbook **
 - <http://www.fema.gov/library/viewRecord.do?id=7209>

2 – CPG Meeting – October 3, 2013

- Sign-in sheet
- Agenda
- PowerPoint presentation



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update
 Kickoff Meeting - October 3, 2013 at 9:30 a.m.
 Legislative Chambers of the Ulster County Building, 244 Fair Street, Kingston, NY

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TOTRILL	Gary	NYS OEM / R2-CM2	GTOTRILL@dhses.ny.gov	518.703-9382



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LAFFELD	DEWDT	Town of OLIVE		845-657-8118-EXT
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Sheeley	MARY	VILL. OF ELLENVILLE	Msheeley@VILLAGEOFELLENVILLE.COM	845-647-2080 X 300
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**Ulster County Multi-Jurisdictional
Hazard Mitigation Plan Update
Kickoff Meeting
October 3, 2013
9:30 a.m.
Legislative Chambers of the Ulster County Building
244 Fair Street, Kingston**

AGENDA

- Welcome and Opening Remarks.....*Art Snyder, UCECEM*
- Mitigation, Mitigation Planning, and Plan Updates.....*Anna Foley, URS*
- Overview of the Current Plan and Benefits of Continued Participation....*Richard Franks, URS*
- The Plan Update and Participation Requirements.....*Richard Franks, URS*
- Project Timeline.....*Anna Foley, URS*
- Closing Remarks.....*Art Snyder, UCECEM*
- Questions.....*All*
- Adjourn

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update


Kickoff Meeting
October 3, 2013
9:30 am
 Legislative Chambers of the Ulster County Building
 244 Fair Street, Kingston



Today's Agenda

Welcome and Opening Remarks.....	UCECEM
Mitigation, Mitigation Planning, and Plan Updates.....	URS
Overview of the Current Plan and Benefits of Continued Participation.....	URS
The Plan Update and Participation Requirements	URS
Project Timeline.....	URS
Closing Remarks.....	UCECEM
Questions.....	All
Adjourn	

Opening Remarks



"Nature, as we know her, is no saint."
 - Ralph Waldo Emerson



Hazard Mitigation: Breaking the Cycle

Hazard mitigation:

- **Sustained** actions taken to reduce **long-term** risk to life and property
- Natural disasters can't be prevented, but their impacts can be reduced through hazard mitigation.



Hazard Mitigation: Breaking the Cycle

- 
 • When natural hazard events take place in undeveloped areas, no disaster occurs.
- 
 • The magnitude of a disaster depends on the intensity of the event, the number of people and structures exposed, and the effectiveness of pre-disaster mitigation actions in protecting people and property.

Hazard Mitigation: Breaking the Cycle

Hazard mitigation is the key to resiliency.



Hazard Mitigation: Breaking the Cycle

Examples:

- Elevation of Structures
- Property Acquisitions
- Elevation of Utilities
- Storm Shutters
- Minor Flood Reduction
- Safe Rooms
- Soil Stabilization
- Codes and Standards

Hazard Mitigation: Breaking the Cycle

Hazard mitigation plans:

- Identify the hazards
- Describe the risks
- Set forth mitigation strategies to reduce key risks
 - Implementing these mitigation strategies will make our communities more sustainable and disaster-resistant

Importance of Mitigation Planning

- Natural hazards are a part of our past, and they will be a part of our future.
- Damages and impacts from an event can be staggering and often have long-term consequences.
- Federal dollars are not always available to aid in the recovery process for every occurrence.

Importance of Mitigation Planning

Goal:

- More sustainable and disaster resistant communities

Importance of Mitigation Planning

- Natural hazard events can't be prevented
- Mitigation planning allows us to understand our vulnerabilities, and develop targeted mitigation strategies to reduce these vulnerabilities.
- Implementing mitigation projects will, over time, ensure that our hazards don't become disasters.

Importance of Mitigation Planning

Importance of Mitigation Planning

Building disaster resistance through mitigation...

- ...is easy?
- ...can be accomplished quickly?
- ...requires limited resources?

Probably Not!




Importance of Mitigation Planning

Building disaster resistance through mitigation can be costly because it requires an ongoing commitment of limited local resources:

- staff members
- their time
- local funding



Importance of Mitigation Planning

Yet, we must commit to mitigate, if for no other reason than this:

Over the long term, it will cost more if we don't.



Our Plan, and its First Update – In Context

The current Multi-Jurisdictional Natural Hazard Mitigation Plan:

- Was a requirement to comply with DMA2000
- Was multi-jurisdictional, with 12 of 24 jurisdictions participating
- Was approved by FEMA and adopted by participating jurisdictions in 2009
 - These 12 jurisdictions and the County have been eligible to apply for FEMA mitigation project grants

Our Plan, and its First Update – In Context

Hazard mitigation plans must be:

- Implemented on an ongoing basis (projects)
- Updated every five years

Our Plan, and its First Update – In Context

The updated Multi-Jurisdictional Natural Hazard Mitigation Plan:

- Is required to maintain compliance with DMA2000
 - Previously participating jurisdictions will be invited to continue their participation
 - Previously not participating jurisdictions will be invited to join in the process
 - 5-year cycle

Our Plan, and its First Update – In Context

First plan update process is ongoing:

- FEMA approval is expected in 2015
- Initial plan, and the update, have been funded by FEMA mitigation planning grants

Our Plan, and its First Update – In Context

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    graph TD
      C[Communities] --> MJPP((Multi-Jurisdictional Planning Process))
      P[Public] --> MJPP
      Co[County] --> MJPP
      OS[Other Stakeholders] --> MJPP
      MJPP --- Text[Every community is an equal participant with the County – this is your plan]
      
```

Every community is an equal participant with the County – this is **your** plan

Importance of Plan Updates

- Continued compliance with DMA2000
- Maintain eligibility to apply for mitigation project grants
- Evaluation of hazards, risks, and appropriate strategies for reducing risks – remains current

Importance of Plan Updates

Regular updates ensure:

- That the plan remains applicable to present-day understanding of vulnerabilities based on most recent studies, reports, event histories, etc.; and
- That the plan continues to present the best path forward for reducing future damages when hazard events, inevitably, occur.

Importance of Plan Updates

5-year Updates to Reflect CURRENT Conditions:

- Assess current development patterns and development pressures
- Evaluate new hazard or risk information
- Describe progress in local plan maintenance and plan integration efforts
- Assess previous goals and actions
- Summarize progress in implementing actions
- Adjust actions to address current realities
- Explain any changes in priorities
- Address changes in Federal/State requirements

Overview of the Current Plan

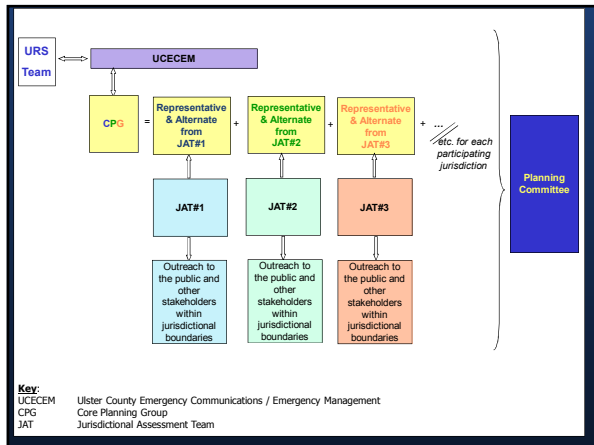
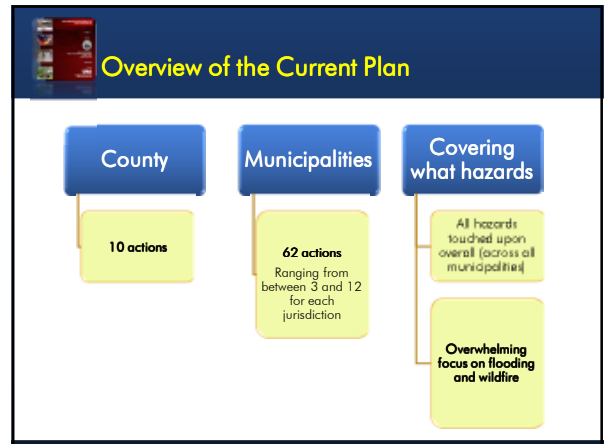
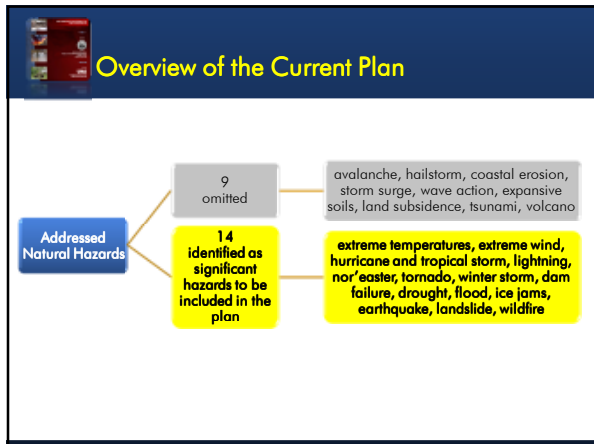
Initial planning process was conducted between 2007 and 2008

Plan was approved by FEMA early in 2009

Addressed natural hazards

The County and 12 of its 24 municipalities met participation requirements to be included in the plan

The County and 12 participants ultimately adopted the Final 2009 Plan



- ### Benefits of Continued Participation
- Continued Compliance with DMA 2000**
- All jurisdictions who participate in the process will:
 - Maintain compliance with DMA 2000 once FEMA approves the final updated plan and the jurisdiction's local governing body formally adopts it.
 - Maintain eligibility to apply for hazard mitigation project grants.

- ### Benefits of Continued Participation
- Collaboration and Partnerships**
- Multi-jurisdictional planning committees can provide a forum for engaging in partnerships that could provide technical, financial, and/or staff resources to help reduce the effects, and hence the costs, of hazards.
 - Multi-jurisdictional planning creates economies of scale.

- ### Benefits of Continued Participation
- Implemented hazard mitigation measures will reduce:**
- the risk of damage to lives and property
 - the impacts of a hazard event on the economic and social fabric of a community
 - response time and costs

Benefits of Continued Participation

According to a study by the Multi-Hazard Mitigation Council (part of the National Institute of Building Sciences):

Every \$1 paid toward mitigation saves an average of \$4 in future disaster-related costs

Benefits of Continued Participation

Once the plan is approved, jurisdictions that participate fully will be eligible to apply for grant funding for projects like these:

- Acquire/elevate/floodproof/ relocate structures
- Road raising/relocation
- Culvert upgrades
- Bridge retrofits
- Wind retrofits
- Utility system protective measures
- Minor localized flood reduction projects (inc. retention/detention basins)
- Soil stabilization (geotextiles, rip rap, etc.)
- Wildfire mitigation (defensible space, ignition-resistant construction, fuel reduction)

Benefits of Continued Participation

Programs and Federal Share

- HMGP 75%
- PDM 75%
- FMA 75%
- RFC 100%
- SRL 90%

Mitigation Works!

Mitigation Works!

Plan Update: Key Steps

The plan must be updated and re-approved every five years.


The plan must be expanded upon to address:

- New guidance since the plan was first approved
- Unique requirements for plan updates
- New state requirements

Plan Update: Key Steps

Planning process just as with the original plan.

- Outreach to the public and other stakeholders
- Update hazard and vulnerability data to reflect recent events, new data/studies/reports, etc.
- Update NFIP data (i.e., RLP, SRL, DFIRMs)
- Updates to reflect changes in development in hazard prone areas



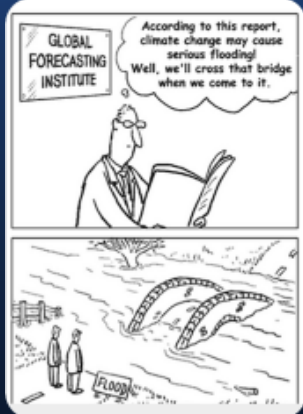
Plan Update: Key Steps

- Update/expand mitigation strategies to ensure a comprehensive range of mitigation actions covering identified risks in each jurisdiction
- Describe status of each action in previous plan
 - Completed?
 - Still relevant?
 - Will it be included in the updated action plan?
 - Have any priorities changed? If so, how/why?

Plan Update: New York State Requirements – new

<http://www.dhss.ny.gov/oem/mitigation/documents/hazard-mit-plan-standards2012.pdf>

- 8 new requirements as conditions of grant award

* cartoon by Chris Madden

Plan Update: Participation Requirements

Each municipality must directly participate in the update in order to receive approval from FEMA and eligibility to apply for hazard mitigation project grants.



Plan Update: Participation Requirements

- Direct participation
- From each jurisdiction
- Throughout the update process timeline



Plan Update: New York State Requirements - new

- Counties and communities should invite (at a minimum) the following stakeholders when initiating the planning process and identifying strategies and specific projects:
 - County Hazard Mitigation Coordinators and Floodplain Professionals
 - County Emergency Managers
 - County Planners & GIS staff
 - County Soil & Water Conservation Districts
 - Regional & Metropolitan (Transportation) Planning Organizations
 - Delaware and Susquehanna River Basin Commissions (if applicable)
 - Local Hazard Mitigation Coordinators and Floodplain Managers
 - Local Code Enforcement Officials
 - Local Emergency Management (Emergency Manager, Fire & Police Chiefs)
 - Local Planners and planning consultants (if applicable)
 - Local Engineers and engineering consultants (if applicable)
 - Local Public Works or Highway Superintendents

Participation Requirements: Outreach to the Public and Other Stakeholders

Fact Sheet

Participation Requirements: Outreach to the Public and Other Stakeholders

Web Site

http://co.ulster.ny.us/emergencyservices/management/haz_mit/index.html

Participation Requirements: Outreach to the Public and Other Stakeholders

- Make the Fact Sheet available if, for example, your municipality has a booth at a local fair/festival.
- Publish information about the municipality's participation in the plan update in a local newspaper/newsletter, if possible.
- Ensure that the public and other stakeholders are invited to review and provide comments on the Draft Plan Update, when it becomes available.
- Consider using radio announcements, press advisories/releases, and local television.

Participation Requirements: Outreach to the Public and Other Stakeholders

Targeted outreach to key stakeholders can be as simple as a phone call, letter or email sent to a list of key stakeholders that:

- Alerts them to the plan update
- Provides them with a link to the County web site for more information on the process
- Identifies a point of contact if they have detailed questions or would like to become involved
- Offers to send them copies of meeting minutes and a notification when the Draft is released, on request.

Project Timeline

LOCAL FEEDBACK - ONGOING THROUGHOUT

- Kickoff Meeting – October 2013
- Gap Analysis & Risk Assessment Update – Feb 2014
- Quantify Completed Projects – May 2014
- Update Goals & Strategies – June 2014
- Update Capabilities & LUDT – June 2014
- Update Plan Implementation & Monitoring – July 2014
- 5 Future Meetings (now through Draft)
- Draft Plan - August 2014
- Final Plan - Pending FEMA approval

Project Timeline: Near-term Actions for Participating Jurisdictions

To Do: Be ready to complete and return worksheets that will start to arrive via email in the coming weeks from Art

To Do: Begin your outreach efforts

- Discuss the plan update at regularly scheduled council/board meetings
- Post the plan update Fact Sheet on notice boards
- Establish a link on your jurisdiction's web site to the overall County Hazard Mitigation Plan Update page
- Targeted outreach to key local stakeholders

Project Timeline: Long-term Actions for Participating Jurisdictions

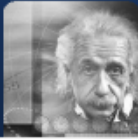
To Do: Continued outreach

To Do: Continued worksheet completion

To Do: Start thinking about improvements to your mitigation strategies now

Questions?

Closing Remarks



► "The world we have created today as a result of our thinking thus far has problems which cannot be solved by thinking the way we thought when we created them."

Albert Einstein

Contact Information

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3 – CPG Meeting – November 21, 2014

- Sign-in sheet
- Agenda
- PowerPoint presentation



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update
Progress Meeting – November 21, 2014 – 9:00 a.m.
 Legislative Chambers of the Ulster County Building, 244 Fair Street, Kingston, NY

Last Name	First Name	Representing	Email Address	Phone
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Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update
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BENNETT		ANNA		UP DEPT OF ENVIRONMENT		anna@co.ulster.ny.us		340-3522	
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**Ulster County Multi-Jurisdictional
Hazard Mitigation Plan Update
CPG Progress Meeting
November 21, 2014
9:00 a.m. – 9:15 a.m.
Legislative Chambers of the Ulster County Building
244 Fair Street, Kingston**

AGENDA

- Welcome and Opening Remarks.....*Steve Peterson, UCECEM*
 - The Plan, the Plan Update, and Benefits of Participating.....*Anna Foley, URS*
 - Importance of Active Participation.....*Steve Peterson, UCECEM; Anna Foley, URS*
 - The Year In Review
 - County Plan Update Activities, 2013-2014.....*Steve Peterson, UCECEM*
 - Contractor Activities, 2013-2014.....*Anna Foley, URS*
 - Municipal Activities, 2013-2014.....*All*
- * We'd like to hear what you've been doing at the municipal level - 15 minutes will be dedicated for attendees to provide a brief overview of types of activities they have undertaken in the last year related to the plan update (overview of JAT meetings, outreach activities, stakeholder/public interest, etc.?) – URS will be taking notes with the intent of paraphrasing your feedback in the report.*
- Where Are We Headed - The Project Timeline... *Steve Peterson, UCECEM; Anna Foley, URS*
 - Questions.....*All*
 - Adjourn

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

CPG Progress Meeting
November 21, 2014
 9:00 am
 Legislative Chambers of the Ulster County Building
 244 Fair Street, Kingston

Welcome and Opening Remarks Today's Agenda

Welcome and Opening Remarks.....UCECEM

The Plan, Plan Updates, and Benefits of Participating.....URS

Importance of Active Participation.....UCECEM/URS

The Year in ReviewAll

Where We Are Headed: The Project Timeline.....URS

Questions.....All

Adjourn

The Plan, The Plan Update, and Benefits of Participating

The Current Plan

- Multi-jurisdictional (County + 12 previously participating municipalities)
- Approved by FEMA and adopted by jurisdictions in 2009
- Participants in compliance with DMA2000 and, in turn, eligible to apply for FEMA mitigation project grants
- Plan identifies hazards, describes risks, and sets forth mitigation strategies to reduce key risks
- Implementing the plan's projects → disaster resiliency

The Plan, The Plan Update, and Benefits of Participating

The Plan Update

- Is required to maintain compliance with DMA2000
 - Previously participating jurisdictions will be invited to continue their participation
 - Previously not participating jurisdictions will be invited to join in the process
 - 5-year cycle
- This is our first plan update

The Plan, The Plan Update, and Benefits of Participating

5-year Updates to Reflect CURRENT Conditions:

- Assess current development patterns and development pressures
- Evaluate new hazard or risk information
- Describe progress in local plan maintenance and plan integration efforts
- Assess previous goals and actions
- Summarize progress in implementing actions
- Adjust actions to address current realities
- Explain any changes in priorities
- Address changes in Federal/State requirements

The Plan, The Plan Update, and Benefits of Participating

Benefits of Participating

- Maintain compliance with DMA 2000
- Maintain eligibility to apply for hazard mitigation project grants
- Economies of scale in a multi-jurisdictional process
- Implementing the plan's projects protects people and property, reduces the impacts of a hazard event, reduces response and recovery times and costs → saves money

The Plan, The Plan Update, and Benefits of Participating


Once the plan is approved, jurisdictions that participate fully will be eligible to apply for grant funding for projects like these:

- Acquire/elevate/floodproof/relocate structures
- Road raising/relocation
- Culvert upgrades
- Bridge retrofits
- Wind retrofits
- Utility system protective measures
- Minor localized flood reduction projects (inc. retention/detention basins)
- Soil stabilization (geotextiles, rip rap, etc.)
- Wildfire mitigation (defensible space, ignition-resistant construction, fuel reduction)

The Plan, The Plan Update, and Benefits of Participating

Programs and Federal Share

- HMGP 75%
- PDM 75%
- FMA 75%
- RFC 100%
- SRL 90%



Importance of Active Participation

- URS' role as the plan author is to guide us through the process and write about activities that we each undertake; feedback that we each provide.
- FEMA will score our participation based on what they read.
- If we do not provide comprehensive, robust, and timely responses to the questions on each worksheet, URS will lack quality information to roll into the text to document your community's participation. This will have a direct effect on FEMA's review and can jeopardize your community's FEMA approval status.

The Year In Review

Group Discussions:


- County Plan Update Activities, 2013-2014
- URS Plan Update Activities, 2013-2014
- Municipal Plan Update Activities, 2013-2014
 - Outreach to public? Stakeholders?
 - JAT meetings?
 - Worksheets?

Where Are We Headed – The Project Timeline

- Update was initiated August 2013 – URS contract
- CPG Kickoff Meeting – October 2013
- UCECEM is submitting a request for extension to NYSOEM
- Timeline will be refined once NYSOEM assigns a new date required for plan submittal; other dates TBD accordingly
- URS can provide a Draft Plan by 3.5 months from last worksheet's "pencils down" date (*due date* → *refine with URS assistance* → *pencils down*)
- Next CPG Progress Meeting likely in first quarter of 2015

Closing Thoughts and Questions

- Natural hazard events can't be prevented
- Mitigation planning allows us to understand our vulnerabilities, and develop targeted mitigation strategies to reduce these vulnerabilities.
- Implementing mitigation projects will, over time, ensure that our hazards don't become disasters.





Adjourn

- Steve Peterson, Director, UCECEM
- Phone: 845-331-7000
- Email: spet@co.ulster.ny.us

- Anna Foley, Project Manager, URS
- Phone: 973-883-8500
- Email: anna.foley@urs.com

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

4 – CPG Working Session – November 21, 2014

- Sign-in sheet
- Agenda
- PowerPoint presentation



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update
CPG Working Session - November 21, 2014 - 10:00 a.m.
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Last Name	First Name	Representing	Email Address	Phone
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Graubner	Robert	TO Rosendale	HighwaySupv & TransitRosendale.com	845-658-9851
Brooks	DAVID	town of Denning	Town Supervisor Denning, US	985-2411
Hoffstatter	Glenn	T.O. Hurley	buildings@townofhurley.org	(845) 331-7474 ext 4
DELAWARE	STACY	TO NEW PALTZ	SDLAWARE@TownofNewPaltz.org	255-0102
Meniz	Kathryn	Town of Ulster	KMNIZ@townofulster.org	340-3884
JAMES	MALONEY	Towns of Ulster/Kingston	Jmaloney1@aol.com	845-399-6810
WilRow	Catherine	The Marborough	highway16500@yahoo.com	845-795-2272 x6
Byarnes	Linda	The Plattekill	linda@byarnes86@yahoo.com	845-883-5910
WAGNER	Robert	The Plattekill	TOPHUYKOB@yahoo.com	845-883-5910
RIVERN	CHRIS	T/O WARWICKING	UL42.COMMISH@AOL.COM	846-853-3028 cell
WABER	ALEX	V/ SAGECITIES	AJXX@USA.NET	849-5343 4M 845
BENNETT	AHON	UC Dept. of Environment	ahon@co.ulster.ny.us	340-3522
Foley	ANNA	URS	anna-foley@urs.com	973-883-8500



**Ulster County Multi-Jurisdictional
Hazard Mitigation Plan Update**

**CPG Working Session
November 21, 2014**

10:00 a.m.


**Legislative Chambers of the Ulster County Building
244 Fair Street, Kingston**

AGENDA

10:00	Welcome and Opening Remarks.....	<i>UCECEM</i>
10:05	Overview of Worksheets (with Q&A throughout)	<i>URS</i>
11:00	Break	
11:10	One-on-One Assistance with Communities	<i>URS</i>
1:00	Adjourn	

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

CPG Working Session
November 21, 2014
10:00 am
 Legislative Chambers of the Ulster County Building
 244 Fair Street, Kingston



Welcome and Opening Remarks Today's Agenda

Welcome and Opening Remarks.....UCECEM

Overview of Worksheets (with Q&A throughout)URS

Break (11:00 to 11:10)

One-on-One Assistance for Communities.....URS

Adjourn (1:00)

Outreach Log

- Purpose:**
 Document the opportunities that your community has provided for the public and other stakeholders to be involved in the planning process. One Outreach Log will be collected from each community.
- Who Should Complete:**
 All members of your JAT should contribute
Suggestion: Each JAT member can maintain a list of their own personal activities; then, at the end of the project, the JAT can delegate one of its members to combine into a single Word file for including in the plan.

PARTICIPATING JURISDICTION			
DATE OF ACTIVITY	TYPE OF ACTIVITY	ACTIVITY DETAILS	LEAD DEPARTMENT AGENCY ENTITY TITLE AND JURISDICTIONAL ACTIVITY

Worksheet 1 – Jurisdictional Assessment Teams (JATs)

- Purpose:**
 Document development of your local planning team
- Who Should Complete:**
 CPG member

Local Jurisdiction Role/Position	Name	Email	Phone	Date Verified/How Mitigation Plan Development Process	Agreed to participate? (Yes/No)
Lead User/Community Planner					
Emergency Manager					
Floodplain Manager/Floodplain Administrator					
Public Works Director / City Engineer					
Building Code Official					
Fiscal/Budget Officer					
Manager/Administrator					
Boarded Official					
Other 1					
Other 2					
Other 3					

Worksheet 2 – Continued Compliance with the NFIP

- **Purpose:**
Document how your community intends to maintain its compliance with the requirements of FEMA's National Flood Insurance Program
- **Who Should Complete:**
Floodplain Manager

Name: _____ Title: Floodplain Manager/Floodplain Administrator/FP Coordinator
 Representing: _____ Email and Phone: _____

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

Goal: This form should be filled out by your Floodplain Administrator. All community participating under the National Flood Insurance Program (NFIP) provide FEMA with a floodplain management ordinance and a description of floodplain administration as a requirement to enter the program. All communities are listed in FEMA's Community Action Book of participating communities (03-25-13).

Adoption Date of your Current Floodplain Management Ordinance	Date of Entry into NFIP	Position or Title of your Jurisdiction's Designated Floodplain Manager/ Administrator (one who is 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?
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Provide an explanation of NFIP administration services (i.e., permit review, GIS, education outreach, inspection, engineering, etc.): _____

Describe barriers to running an effective NFIP program in the community (if applicable): _____

When was your current FEMA Community Assessment Visit (CAV) or Community Assessment Contact (CAC)?	Is a CAV or CAC scheduled or next?	Does the current floodplain management ordinance exceed FEMA or state minimum requirements? If so, describe how.	Is updating of your NFIP maps planned?	Does your community intend to continue to enforce the floodplain management requirements including updating new construction to Special Flood Hazard Areas (SFHAs)?	Does your community intend to participate in the CSST (or state SRF) CAVs.	Does your community intend to participate in the CAV program?	Does your community intend to currently participate in the CAV program, and you intend to indicate the process during the next planning cycle?
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Describe any outstanding compliance issues (i.e., current violations): _____

1 Your date of entry into the NFIP can be found at: <http://www.fema.gov/55.html> (see "Joining Date").
 Udeter County Multi-Jurisdictional Hazard Mitigation Plan Update - NFIP Worksheet (September 2013) NFIP-2

Name: _____ Title: Floodplain Manager/Floodplain Administrator/FP Coordinator
 Representing: _____ Email and Phone: _____

Provide an explanation of your local floodplain permitting process: _____

Does your community intend to continue to maintain its floodplain management ordinance and update it as needed?	Does your community intend to continue to enforce the ordinance with the intent of reducing the level of risk of flood damage to the community?	Does your community intend to continue to enforce the ordinance with the intent of reducing the level of risk of flood damage to the community?	Does your community intend to continue to enforce the ordinance with the intent of reducing the level of risk of flood damage to the community?	Does your community intend to continue to enforce the ordinance with the intent of reducing the level of risk of flood damage to the community?	Does your community intend to continue to enforce the ordinance with the intent of reducing the level of risk of flood damage to the community?	Does your community intend to continue to enforce the ordinance with the intent of reducing the level of risk of flood damage to the community?	Does your community intend to continue to enforce the ordinance with the intent of reducing the level of risk of flood damage to the community?
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Does your community intend to adopt the new FEMA advisory Base Flood Elevation? Yes No

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: _____

NFIP participating communities are required to update their floodplain management ordinance to ensure that it complies with the latest FEMA regulations. Will your community continue to conduct this program requirement? Yes No

Note: NFIP policy statistics by community are available at: <http://www.flood.gov/55.html>
 NFIP status data by community is maintained at: <http://www.fema.gov/55.html>
 All NFIP participating communities should encourage local residents to purchase individual flood insurance.

Udeter County Multi-Jurisdictional Hazard Mitigation Plan Update - NFIP Worksheet (September 2013) NFIP-3

Worksheet 3 - Land Uses and Development Trends Update

- **Purpose:**
Document changes in land uses and development trends since the last version of the plan was approved
- **Who Should Complete:**
JAT member(s) involved in land use, community planning, and/or code enforcement

Name: _____ Title: Floodplain Manager/Floodplain Administrator/FP Coordinator
 Representing: _____ Email and Phone: _____

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

Goal: This form should be filled out by your Floodplain Administrator. All community participating under the National Flood Insurance Program (NFIP) provide FEMA with a floodplain management ordinance and a description of floodplain administration as a requirement to enter the program. All communities are listed in FEMA's Community Action Book of participating communities (03-25-13).

Provide an explanation of your local floodplain permitting process: _____

Provide a description of your community assistance and monitoring activities: _____

NFIP participating communities are required to update their floodplain management ordinance to ensure that it complies with the latest FEMA regulations. Will your community continue to conduct this program requirement? Yes No

Note: NFIP policy statistics by community are available at: <http://www.flood.gov/55.html>
 NFIP status data by community is maintained at: <http://www.fema.gov/55.html>
 All NFIP participating communities should encourage local residents to purchase individual flood insurance.

Udeter County Multi-Jurisdictional Hazard Mitigation Plan Update - NFIP Worksheet (September 2013) NFIP-4

Worksheet 4 - Capability Assessment Update

- **Purpose:**
Document changes in local capabilities since the last version of the plan was approved, and assess how gaps in capabilities could be bridged to further mitigation objectives
- **Who Should Complete:**
All members of your JAT should gather to contribute

Community Name: _____

DEMONSTRATION OF PAST PROGRESS OVER THE LAST PLANNING CYCLE

Please check all activities that your municipality has undertaken over the last five years:

1.	Check here if you (or your predecessor or the CPD) 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 or the CPD) 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 plan 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 or the CPD) coordinated with your building department to ensure that they have adopted and are enforcing the minimum standards established in the current State-adopted IRC. Please describe your coordination efforts in the space below:
4. A.	If your community participates in the NIP and was only enforcing minimum requirements at the time of the first plan's adoption, check here if you (or your predecessor or the CPD) coordinated with your Planning Administrator to determine if enforcement beyond FEMA minimum requirements would be prudent for your community. Please describe your coordination efforts in the space below:

Utah County Multi-Jurisdictional Hazard Mitigation Plan Update
Plan Integration Worksheet Page 2 of 4

Community Name: _____

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.	CPD 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.
2. A.	Incorporate hazard mitigation for natural hazards in the next update of your master, general or comprehensive plan.
B.	Add a specific hazard mitigation element to the next update of your master, general or comprehensive plan.
3.	Adopt and enforce the minimum building standards established in the current State-adopted IRC (1 edition).
4. A.	Maintain community participation in FEMA's National Flood Insurance Program.
B.	Enforce codes and standards beyond FEMA minimum requirements.
C.	Join (or continue to maintain participation in) the FIP's Community Rating System.
5.	Identify growth and development areas 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.
6.	Modify work plans, policies or procedures to include hazard mitigation concepts/activities.
7.	Revise job descriptions to include mitigation-related duties to further institutionalize mitigation.
8.	Revise capital or operating budgets to include a line item for mitigation project funding.
9.	Issue directives to require private enterprises in the community to carry out certain hazard mitigation activities.
10.	Require the Department of Public Works to inspect and clean debris from streams and ditches more frequently.
11.	Add hazard vulnerability to subdivision and site plan review criteria.
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.
13.	Reach out to state agencies for assistance with natural hazard mitigation activities.
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 ordinance.
16.	Protect life and property in high hazard areas by limiting densities of new development.
17.	Increase resilience by limiting the extension of public infrastructure in high hazard areas.
18.	Reduce the vulnerability of future development in high hazard areas by reviewing development regulations, and modifying where needed.
19.	Use the risk assessment to inform future updates of the community emergency operations plan, evacuation plan, and/or post-disaster recovery plan.
20.	Implement hazard mitigation activities through existing plans and policies.
21.	Seeker training in best practices for hazard mitigation for local government staff (note: this may be accomplished with other local governments.)

Utah County Multi-Jurisdictional Hazard Mitigation Plan Update
Plan Integration Worksheet Page 3 of 4

Worksheet 7 - Action worksheets

- **Purpose:**
To define your community's mitigation strategy.
 - One action worksheet for each project. Each sheet will state the problem, define the project, and provide other information like costs, benefits, who is in charge for implementing the project, etc.
 - The group of completed action worksheets = your community's mitigation strategy.
 - You will do one action worksheet for:
 - Each project carrying forward from 2009 (WS#5)
 - Each new project that is being added

- **Who Should Complete:**
All members of your JAT should gather to contribute

	Action Worksheet
	Identifying the Problem
	Describe the problem, including its location, extent, and potential impacts.
	Why is this a problem? (What are the risks to life, property, or the environment?)
	What are the causes of this problem? (Natural or human-induced?)
	What are the consequences of this problem? (What are the potential impacts?)
	What are the current mitigation measures in place? (If any.)
	What are the gaps in current mitigation measures? (What more needs to be done?)
	What are the potential benefits of addressing this problem? (What are the potential gains?)
	What are the potential costs of addressing this problem? (What are the potential losses?)
	Who is responsible for addressing this problem? (Who is the lead agency?)
	What are the key stakeholders in this problem? (Who are the interested parties?)
	What are the key decision points in this problem? (What are the critical decisions?)
	What are the key risks in this problem? (What are the potential dangers?)
	What are the key opportunities in this problem? (What are the potential benefits?)
	What are the key challenges in this problem? (What are the potential obstacles?)
	What are the key success factors in this problem? (What are the potential enablers?)
	What are the key lessons learned in this problem? (What are the potential takeaways?)

See hard copy 😊

Break – 10 minutes

Followed by one-on-one assistance for communities

5 – One-on-One Working Sessions with Local JATs – July 21, 2015

- Agenda
- Sign-in sheet
- PowerPoint handout

**One on one meetings with municipalities
Tuesday, July 21, 2015**

From	To	Action	Community	Name(s) and Title(s) of Attendee(s)
10:00	10:30	appointment 1	Ellenville	Brian Schug
10:30	10:45	buffer for running over/early arrival		
10:45	11:15	appointment 2	Gardiner	Hank Vance
11:15	11:30	buffer for running over/early arrival		
11:30	12:00	appointment 3	T/Kingston	Jim Maloney
12:00	12:15	buffer for running over		
12:15	12:30	lunch		
12:30	1:00	appointment 4	T/Ulster	Jim Maloney
1:00	1:15	buffer for running over/early arrival		
1:15	1:45	appointment 5	Lloyd	Rich Klotz & Rich Barton
1:45	2:00	buffer for running over/early arrival		
2:00	2:30	appointment 6	T/New Paltz	Stacy Delarede
2:30	2:45	buffer for running over/early arrival		
2:45	3:15	appointment 7	V/New Paltz	Bleu Terwilliger
3:15	3:30	buffer for running over/early arrival		
3:30	4:00	appointment 8	Olive	Sylvia Rozzelle

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update
 One-On-One Working Sessions on July 21, 2015
 UCECEM Office, Golden Hill Lane, Kingston



Last Name	First Name	Representing	Email Address	Phone
Bennett	Amor	Ulster County	aben@co.ulster.ny.us	340-3522
Schug Jr.	BRIAN	Village of Ellenville	bschug@villageofellenville.com	647-7080 ext. 30
Vance	Henry M III	T/Gardner	hvance.tog@gmail	845-255 9675 x107
MAC LONEY	JAMES	T/ Kingston & Ulster	TomLoneyJH@gmail	845-399-6810
RHOADES	DENISE	T/ O Lloyd	Highway@townofloyd.com	(845)691-7681
KLOTZ	RICH	T/O Lloyd	" "	" "
Terwilliger	Gene Blen	Village of New Paltz	dpw@villageofnewpaltz.org	845-255-1980
Nickson	Heather	Village of New Paltz	dpw@villageofnewpaltz.org	845-255-1980
DELA REDE	STACY	TOWN OF NEW PALTZ	SDELA REDE@TOWNOFNEWPALTZ.ORG	255 0102
Rozzelle	Sylvia	Town of Olive	olive.supervisor@olive.ny.us	845-657-8118 X4
PETerson	STEVE	UC OEM	SPET@CO.ULSTER.NY.US	845 331.7000
Foley	Anna	AECOM	anna.foley@aecom.com	973-883-8500

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

CPG One-On-One Working Sessions
July 21, 2015
 10:00 am
 UCECEM, Golden Hill Lane, Kingston, NY

Agenda

Welcome

Mitigation Strategy Overview and Goals for Today's Session

Mitigation Strategy: Linking Problems With Solutions

Documenting Your Projects Using Worksheet #7

Reminder About Outreach

Questions and Closing Remarks

Adjourn

Today's Working Session

We are here to:

- Have interactive discussions
- Help you
 - understand latest regulatory requirements
 - develop an updated mitigation strategy
 - answer questions regarding worksheets

Today's Working Session

Goal:

- For each community to understand
- how to develop a robust mitigation strategy
- that addresses its highest hazards and key risks

Only then will we be able to achieve safer, more disaster-resistant and resilient communities

What is a mitigation strategy?

The mitigation strategy is:

- Your community's hazard mitigation actions/projects
- The heart of the mitigation plan
- A roadmap for reducing the risk to your community from natural hazards

Who prepares the mitigation strategy?

Your mitigation strategy is developed by:

- Your community's Jurisdictional Assessment Team (JAT)
- With input from the public and key stakeholders



Why update the mitigation strategy?

Updates are done to:

- Keep the plan current
 - Deleting completed projects
 - Adding new projects
 - Improving upon the overall approach to risk reduction
 - based on new information on potential risks
 - to bridge gaps in the prior approach



...Wait...we had gaps in the prior approach?

Yes. Some of the solutions ultimately selected by many communities didn't align well with the problems that were discussed throughout the plan.

- Community subject to flooding, high winds with actions focused on driving in winter weather conditions
- Communities with high wildfire risk and no corresponding actions



Where can I find my community's prior mitigation strategy?

- Your prior strategy is documented in the 2009 Plan in **Appendix E**.

- The 2009 Plan is online at this address:

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



Mitigation Strategy: A 2009 Example

DEPLETION AND RESILIENCE

PRIORITY	Mitigation Action	Hazard(s) Addressed	Applies to Community Planning Area	Priority Hazard(s)	Existing Local Planning Documents through which the action will be implemented	Target Date	Estimated Cost	Funding Source
Urban	U.S. Forest Service implementation of a forest management plan for the Ulster County Forest Reserve (Ulster County Forest Reserve)	All forest	Yes	U.S. Forest Service	Management Plan (2009)	2010 and ongoing	Low	County
Urban	U.S. Forest Service implementation of a forest management plan for the Ulster County Forest Reserve (Ulster County Forest Reserve)	All forest	Yes	U.S. Forest Service	Management Plan (2009)	2010 and ongoing	Low	County
Rip	U.S. Forest Service implementation of a forest management plan for the Ulster County Forest Reserve (Ulster County Forest Reserve)	Forest	Yes	U.S. Forest Service	Forest Management Plan	2010 and ongoing	High	State and Federal grant programs
Rip	U.S. Forest Service implementation of a forest management plan for the Ulster County Forest Reserve (Ulster County Forest Reserve)	Forest	Yes	U.S. Forest Service	Forest Management Plan	2010 and ongoing	High	State and Federal grant programs
Rip	U.S. Forest Service implementation of a forest management plan for the Ulster County Forest Reserve (Ulster County Forest Reserve)	Forest	Yes	U.S. Forest Service	Forest Management Plan	2010 and ongoing	High	State and Federal grant programs



Mitigation Strategy: A 2015 Example = Worksheet 7

Action Worksheet	
Year plan was updated	2015
Year community was last updated	2009
Community action number	
Hazard(s) addressed	Flooding, Wildfire
Risk Ranking	High
Mitigation category	Structural
Mitigation description	Reinforce existing structures
Planning horizon	2015-2020
Estimated cost	\$1,000,000
Cost estimate	\$1,000,000
Funding source	Local, State, Federal
Priority	High
Target	2015-2020
Estimated cost	\$1,000,000
Cost estimate	\$1,000,000
Funding source	Local, State, Federal
Priority	High
Target	2015-2020
Estimated cost	\$1,000,000
Cost estimate	\$1,000,000
Funding source	Local, State, Federal
Priority	High
Target	2015-2020
Estimated cost	\$1,000,000
Cost estimate	\$1,000,000
Funding source	Local, State, Federal
Priority	High
Target	2015-2020
Estimated cost	\$1,000,000
Cost estimate	\$1,000,000
Funding source	Local, State, Federal



Mitigation Strategy: Linking Problems With Solutions

Your new mitigation strategies should do a much better job of making better connections between **Problems** and **Solutions**.

In other words: more appropriate, better-developed, and robust mitigation actions....that focus on your highest hazards and key risks and are more likely to be funded.

Mitigation Strategy: Linking Problems With Solutions

What is Mitigation?

Mitigation is any sustained action taken to reduce long-term risk to life and property from a hazard event



Mitigation
elevated house by the river



Mitigation
property acquisition



Preparedness & Response
purchase of a police command vehicle

FEMA Region II 12 RiskMAP

** Slide from FEMA's April 2013 Workshop*

Mitigation Strategy: Linking Problems With Solutions

DISCUSSION: Which Actions are Mitigation?


- Examine the actions in your latest plan
- Determine which actions are mitigation
 - Not preparedness or response
 - Not maintenance activities
 - Not stand-alone studies
 - Submitted plan should list mitigation actions together
- Q&A

FEMA Region II 13 RiskMAP

** Slide from FEMA's April 2013 Workshop*

Mitigation Strategy: Linking Problems With Solutions

- Excellent resource:
FEMA's [Mitigation Ideas](#)



www.fema.gov/media-library-data/20130726-1904-25045-2423/fema_mitigation_ideas_final_01252013.pdf

Mitigation Strategy: Linking Problems With Solutions

Solutions: Develop Projects to Solve the Problems

- The strategy you develop (the actions you select) must include range of different categories of actions and projects to reduce the impacts of hazards in your community
 - Planning and Regulatory Solutions
 - Structure and Infrastructure Projects
 - Natural Systems Protection
 - Education and Awareness Programs
- Emphasis is required on new and existing buildings and infrastructure

Mitigation Strategy: Components

Overview - Mitigation Strategy –Basic Components

- Projects 'carrying forward' from 2009
- New projects being added
- Existing and anticipated grant applications
- Projects in NY Rising plans (if applicable)
- Key plan integration activities from your Worksheet 6s

YOU WILL DO ONE "WORKSHEET 7: ACTION WORKSHEET" FOR EACH ACTION IN YOUR STRATEGY

Mitigation Strategy: Components

- Projects 'carrying forward' from 2009

All projects from 2009 were reproduced on Worksheet 5. Any project where you checked the box as "Still relevant – Carry Forward to Updated Mitigation Strategy" will need to have a Worksheet 7 prepared.

WORKSHEET 5 - STATUS OF PAST PROJECTS									
Jurisdiction	Mitigation Action	Priority	Addressed	Responsible Party/Partner/Response	Status	Status Details		Release or Details	
						Addressed	Response	Addressed	Response
<p><i>If not completed, identify barriers to implementation. Do not duplicate reports being self-reported and/or overlap with the action in progress and/or duplication of effort. Do not report on the same project in multiple jurisdictions. Do not report on the same project in multiple jurisdictions. Do not report on the same project in multiple jurisdictions.</i></p>									
<p><i>If you checked the box that the project is being carried forward to the updated mitigation strategy, attached if not done the original from the 2009 Plan. If you checked the box that the project is being carried forward to the updated mitigation strategy, provide a brief explanation.</i></p>									
<p><i>Indicate a General Overview of how Local Priorities May Have Changed Since the Last Version of the Plan.</i></p>									

Mitigation Strategy: Components

2. New projects being added

Anything new that you'll be adding as part of the update to round out your strategy will need a Worksheet 7 prepared.

Mitigation Strategy: Components

3. Existing and anticipated grant applications

Agency approval hinges on the project being in the plan. So be sure to include Worksheet 7s for:

- Projects with LOIs and/or HMGP applications already in the FEMA pipeline.
- Projects where you'd like to request FEMA mitigation project funding at some point in the future.

Mitigation Strategy: Components

4. Projects identified in NY Rising plans (if applicable)

Mitigation Strategy: Components

5. Key plan integration activities from your Worksheet 6s

PLANNED PLAN INTEGRATION ACTIVITIES FOR THE NEXT PLANNING CYCLE

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

1. CIP/annualized issues table to each department heads solicit their support and explore opportunities for further integration of hazard mitigation into the city's budget of the community as a whole.	11
2. Incorporate hazard mitigation for natural hazards in the next update of your master general or comprehensive plan.	11
3. Add a grant/ hazard mitigation scenario the next phase of your master general or comprehensive plan.	11
4. Adopt and enforce the National Flood Insurance Administration's National Flood Insurance Program (NFIP).	11
5. A. Maintain community participation in FEMA's Community Rating System. B. Encourage and assist in higher FEMA community requirements.	11
6. Utilize an automatic program participation in the NFIP's Community Rating System.	11
7. State grant and Block Grant funding from high risk locations to assist the local jurisdiction in the hazard mitigation plan as a local monitor future updates of community land use plans, zoning and subdivision codes and the development review process.	11
8. Monitor local plan projects to proactively coordinate mitigation planning and zoning.	11
9. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
10. Review state or operating budget to include a line item for mitigation project funding.	11
11. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
12. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
13. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
14. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
15. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
16. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
17. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
18. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
19. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
20. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11
21. Review and coordinate to ensure mitigation measures align with the subdivision mitigation.	11

Worksheet 7 = "Action Worksheet"

Complete One Worksheet #7 for Each Action

- Assess the Risk
- Describe the Action
- Evaluate the Action (benefits, costs, etc.)
- Implementation Information (priority, responsible party, etc.)
- Reporting on Progress (if carryover from last version of the plan)

* Developed by each JAT, with input from the public and other stakeholders.

Worksheet 7 = "Action Worksheet"

Worksheet 7 - Action Worksheet	
Project Name	Priority
Project Description	Priority
Project Location	Priority
Project Status	Priority
Project Funding	Priority
Project Start Date	Priority
Project End Date	Priority
Project Lead	Priority
Project Sponsor	Priority
Project Stakeholders	Priority
Project Risks	Priority
Project Benefits	Priority
Project Costs	Priority
Project Evaluation	Priority
Project Reporting	Priority
Project Contact	Priority
Project Notes	Priority
Project Comments	Priority
Project Status	Priority
Project Funding	Priority
Project Start Date	Priority
Project End Date	Priority
Project Lead	Priority
Project Sponsor	Priority
Project Stakeholders	Priority
Project Risks	Priority
Project Benefits	Priority
Project Costs	Priority
Project Evaluation	Priority
Project Reporting	Priority
Project Contact	Priority
Project Notes	Priority
Project Comments	Priority

*** EXCEL SUBMITTALS ONLY ***

Action Worksheet	
Your plan name	
Your community name	
Community address number	
Assessing the Risk	
Hazard(s) addressed	What is the hazard?
Risk finding	What is the risk (probable and/or possible damage to you)?
Describing the Action	
Action category	Planning Structures, Public Events, Mitigation/Prevention, Disaster Preparedness
Action type	General description of the type of action (e.g., acquisition, relocation, mitigation)
Evaluating the Action	
Address avoided (i.e., benefits)	How effective will the action be at reducing damage to structures / infrastructure?
Cost estimate	How much do you estimate it will cost to implement the action?
Cost effectiveness (i.e., how fit/cost)	For the money invested through the cost of the action, in other words, will it save your community money in the long run? Discuss actions that are cost-effective.
Technical	Is the mitigation action technically feasible? Discuss actions that are not.
Political	Is there a strong public support for the mitigation action? Is there the political will to support it?
Legal	Does the community have the authority to implement the action?
Environmental	What are the potential environmental impacts of the action? Will it disrupt established neighborhoods, break up zoning districts or cause the disruption of other important areas?
Social	Will the proposed action affect the appearance of the neighborhood? Will it disrupt established neighborhoods, break up zoning districts or cause the disruption of other important areas?
Administrative capability	Does the community have the personnel and administrative capability to implement the action? Do you have the resources to carry out the action?
Local champion	Is there a strong advocate for the action among local departments and agencies that will support the action?
Other community objectives	Does the action further other community objectives, such as capital improvements, economic development, environmental quality, or other state priorities?
Implementing the Action	
Priority	High, Medium, or Low
Lead planning mechanism	Which mechanism will be used to implement the action? (City, County, etc.)
Responsible party	Name the primary role of the person taking the lead
Preferred funding sources	Identify funding sources (e.g., state, federal, local, bond, and other) that will fund the action
Time line	What is the targeted completion date for the project?
Reporting on Progress	
Action progress status	Is this a new action, or has it been completed? If it is a new action, when will you report on progress made, when it is half-way, and when it is completed? Describe status in terms of progress made, when it is half-way, and when it is completed.

Worksheet Z
Fields
Described

Action Worksheet: Floodproof Structures	
Your plan name	County & Sound Mitigation Plan
Your community name	Ulster
Community address number	Ulster 024
Assessing the Risk	
Hazard(s) addressed	Flood
Risk finding	Structures are average property damage of about \$2K, 100-year water and higher, 100-year, 100-year, 100-year
Describing the Action	
Action category	Structure/Infrastructure program
Action type	Structure/Infrastructure program
Address avoided (i.e., benefits)	Structure/Infrastructure program
Cost estimate	Structure/Infrastructure program
Cost effectiveness (i.e., how fit/cost)	Structure/Infrastructure program
Technical	Structure/Infrastructure program
Political	Structure/Infrastructure program
Environmental	Structure/Infrastructure program
Social	Structure/Infrastructure program
Administrative capability	Structure/Infrastructure program
Local champion	Structure/Infrastructure program
Other community objectives	Structure/Infrastructure program
Implementing the Action	
Priority	Structure/Infrastructure program
Lead planning mechanism	Structure/Infrastructure program
Responsible party	Structure/Infrastructure program
Preferred funding sources	Structure/Infrastructure program
Time line	Structure/Infrastructure program
Reporting on Progress	
Action progress status	Structure/Infrastructure program

Worksheet Z
Floodproofing
Example

Action Worksheet: Countywide Multi-hazard Public Education	
Your plan name	Countywide Multi-hazard Public Education
Your community name	Ulster
Community address number	Ulster 024
Assessing the Risk	
Hazard(s) addressed	Multi-hazard
Risk finding	Multi-hazard
Describing the Action	
Action category	Public Education
Action type	Public Education
Evaluating the Action	
Address avoided (i.e., benefits)	Public Education
Cost estimate	Public Education
Cost effectiveness (i.e., how fit/cost)	Public Education
Technical	Public Education
Political	Public Education
Environmental	Public Education
Social	Public Education
Administrative capability	Public Education
Local champion	Public Education
Other community objectives	Public Education
Implementing the Action	
Priority	Public Education
Lead planning mechanism	Public Education
Responsible party	Public Education
Preferred funding sources	Public Education
Time line	Public Education
Reporting on Progress	
Action progress status	Public Education

Worksheet Z
Multi-Jur.
Example

*****Important*****
Continue Outreach to the Public and Other Stakeholders

- Discuss at regularly scheduled board/council meetings
- Targeted outreach to the public and key stakeholders in your community
- Post on your community web site and/or Facebook, etc.
- Publish in a local paper and/or newsletters
- Distribute the Fact Sheet at local events; notice boards
- Solicit feedback from the public and other stakeholders when developing your mitigation strategy
- See Guidance Memo 1 for more info
- **Continue documenting your activities in the Outreach Log**

Contact Information

- Steve Peterson, Director, UCECEM
• Phone: 845-331-7000
• Email: spet@co.ulster.ny.us
- Anna Foley, Project Manager, URS
• Phone: 973-883-8500
• Email: anna.foley@urs.com
- <http://ulstercountyny.gov/emergency-services/hazard-mitigation>

6 – One-on-One Working Sessions with Local JATs – August 4, 2015

- Agenda
- Sign-in sheet
- PowerPoint handout

**One on one meetings with municipalities
Tuesday 4-Aug-15**

From	To	Action	Community	Name(s) and Title(s) of Attendee(s)
10:00	10:30	appointment 1	Hurley (CANCELLED)	Glenn Hoffstater
10:30	10:45	buffer for running over/early arrival		
10:45	11:15	appointment 2	Marbletown	George Dimler
11:15	11:30	buffer for running over/early arrival		
11:30	12:00	appointment 3	V/New Paltz	Blue Terwilliger & Bryant Arms
12:00	12:15	buffer for running over		
12:15	12:30	lunch		
12:30	1:00	appointment 4	Rochester	Carl Chipman
1:00	1:15	buffer for running over/early arrival		
1:15	1:45	appointment 5	Shawangunk	John Valk
1:45	2:00	buffer for running over/early arrival		
2:00	2:30	appointment 6	Plattekill	Joe Croce
2:30	2:45	buffer for running over/early arrival		
2:45	3:15	appointment 7	V/Saugerties	Alex Wade
3:15	3:30	buffer for running over/early arrival		
3:30	4:00	appointment 8	Wawarsing	Lenny Distle & Robin Coleman 845 707-5145



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update
 One -On-One Working Sessions on August 4, 2015
 UCECEM Office, Golden Hill Lane, Kingston

Last Name	First Name	Representing	Email Address	Phone
Coleman	Robin	Town of Ulster	wacoa@ulster.org	647-7800 ext. 5
Poss	Anthony	Town of Ulster	5p-lut	647-8850
Distel	Leonard	Town of Ulster	Wacoa@ulster.org	647-6570 ext 6
Pollan	Dan Pollan	Town of Ulster	Dpollan@ulster.org	845-248-2673
Wade	Alexander	Village of Ulster	AWADE@ulster.org	845-849-4353
Hilbert	Cindy	Town of Ulster	hills@ulster.org	845-883-7331
Croce	Joseph	Town of Ulster	jcroce@ulster.org	845-883-7331 Ext 10
Bennet	Anna	Ulster County	abennet@ulster.ny.us	845-340-3522
Carl	Chipman	Town of Rochester	CMC102988@ulster.org	(845)-626-3043
Carl	Arms	Village of New Paltz	baarms@ulster.org	845-706-8835
Dimler	George	Town of Ulster	Hilbert@ulster.org	845 687 9615
Foley	Anna	AECOM	ANNA.FOLEY@AECOM.COM	973-883-8562

STEVE PETERSON ULSTER CO. OEM SPOT@CO.ULSTER.NY.US 845 331-7000

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

CPG One-On-One Working Sessions
August 4, 2015
 10:00 am
 UCECEM, Golden Hill Lane, Kingston, NY

Agenda

Welcome

Mitigation Strategy Overview and Goals for Today's Session

Mitigation Strategy: Linking Problems With Solutions

Documenting Your Projects Using Worksheet #7

Reminder About Outreach

Questions and Closing Remarks

Adjourn

Today's Working Session

We are here to:

- Have interactive discussions
- Help you
 - understand latest regulatory requirements
 - develop an updated mitigation strategy
 - answer questions regarding worksheets

Today's Working Session

Goal:

- For each community to understand
- how to develop a robust mitigation strategy
- that addresses its highest hazards and key risks

Only then will we be able to achieve safer, more disaster-resistant and resilient communities

What is a mitigation strategy?

The mitigation strategy is:

- Your community's hazard mitigation actions/projects
- The heart of the mitigation plan
- A roadmap for reducing the risk to your community from natural hazards

Who prepares the mitigation strategy?

Your mitigation strategy is developed by:

- Your community's Jurisdictional Assessment Team (JAT)
- With input from the public and key stakeholders

Why update the mitigation strategy?

Updates are done to:

- Keep the plan current
 - Deleting completed projects
 - Adding new projects
 - Improving upon the overall approach to risk reduction
 - based on new information on potential risks
 - to bridge gaps in the prior approach

...Wait...we had gaps in the prior approach?

Yes. Some of the solutions ultimately selected by many communities didn't align well with the problems that were discussed throughout the plan.

- Community subject to flooding, high winds with actions focused on driving in winter weather conditions
- Communities with high wildfire risk and no corresponding actions

Where can I find my community's prior mitigation strategy?

- Your prior strategy is documented in the 2009 Plan in **Appendix E**.
- The 2009 Plan is online at this address:
<http://ulstercountynyny.gov/emergency-services/hazard-mitigation>

Mitigation Strategy: A 2009 Example

PRIORITY	Mitigation Action	Hazard(s) Addressed	Applies to Community Planning Year	Priority Hazard(s)	Existing Local Planning Documents through which the action will be implemented	Target Date	Estimated Cost	Funding Source
Urban	U.S. Forest Service implementation of a forest management plan (including riparian zone management) in the Catskills and Adirondacks	All forest	2010	U.S. Forest Service	Management Plan	2010	Low	County
Urban	U.S. Forest Service implementation of a forest management plan (including riparian zone management) in the Catskills and Adirondacks	All forest	2010	U.S. Forest Service	Management Plan	2010	Low	County
Rip	U.S. Forest Service implementation of a forest management plan (including riparian zone management) in the Catskills and Adirondacks	Forest	2010	U.S. Forest Service	Forest Management Plan	2010	High	State and Federal grant programs
Rip	U.S. Forest Service implementation of a forest management plan (including riparian zone management) in the Catskills and Adirondacks	Forest	2010	U.S. Forest Service	Forest Management Plan	2010	High	State and Federal grant programs
Rip	U.S. Forest Service implementation of a forest management plan (including riparian zone management) in the Catskills and Adirondacks	Forest	2010	U.S. Forest Service	Forest Management Plan	2010	High	State and Federal grant programs

Mitigation Strategy: A 2015 Example = Worksheet 7

Action Worksheet	
Year plan issued	2015
Year community review	2015
Community action number	
Hazard(s) addressed	Assessing the Risk
Risk Ranking	
Risk(s) category	Identifying the Action
Risk(s) description	
Planning horizon	Identifying the Action
Key personnel	
Key contacts	
Staff responsible	
Key stakeholders	
Priority	
Target	
Environmental	
Social	
Economic	
Local planning	
Regional planning	
State planning	
Federal planning	
Risk(s) category	Implementing the Action
Risk(s) description	
Risk(s) priority	
Risk(s) status	
Risk(s) progress	
Notes	

Mitigation Strategy: Linking Problems With Solutions

Your new mitigation strategies should do a much better job of making better connections between **Problems** and **Solutions**.

In other words: more appropriate, better-developed, and robust mitigation actions...that focus on your highest hazards and key risks and are more likely to be funded.

Mitigation Strategy: Linking Problems With Solutions

What is Mitigation?

Mitigation is any sustained action taken to reduce long-term risk to life and property from a hazard event



Mitigation
elevated house by the river



Mitigation
property acquisition



Preparedness & Response
purchase of a police command vehicle

FEMA Region II 12 RiskMAP

** Slide from FEMA's April 2013 Workshop*

Mitigation Strategy: Linking Problems With Solutions

DISCUSSION: Which Actions are Mitigation?


- Examine the actions in your latest plan
- Determine which actions are mitigation
 - Not preparedness or response
 - Not maintenance activities
 - Not stand-alone studies
 - Submitted plan should list mitigation actions together
- Q&A

FEMA Region II 13 RiskMAP

** Slide from FEMA's April 2013 Workshop*

Mitigation Strategy: Linking Problems With Solutions

- Excellent resource:
FEMA's [Mitigation Ideas](#)



www.fema.gov/media-library-data/20130726-1904-25045-2423/fema_mitigation_ideas_final_01252013.pdf

Mitigation Strategy: Linking Problems With Solutions

Solutions: Develop Projects to Solve the Problems

- The strategy you develop (the actions you select) must include range of different categories of actions and projects to reduce the impacts of hazards in your community
 - Planning and Regulatory Solutions
 - Structure and Infrastructure Projects
 - Natural Systems Protection
 - Education and Awareness Programs
- Emphasis is required on new and existing buildings and infrastructure

Mitigation Strategy: Components

Overview - Mitigation Strategy –Basic Components

- Projects 'carrying forward' from 2009
- New projects being added
- Existing and anticipated grant applications
- Projects in NY Rising plans (if applicable)
- Key plan integration activities from your Worksheet 6s

YOU WILL DO ONE "WORKSHEET 7: ACTION WORKSHEET" FOR EACH ACTION IN YOUR STRATEGY

Mitigation Strategy: Components

- Projects 'carrying forward' from 2009

All projects from 2009 were reproduced on Worksheet 5. A project where you checked the box as "Still relevant – Carry Forward to Updated Mitigation Strategy" will need to have a Worksheet 7 prepared.

WORKSHEET 5 - STATUS OF PAST PROJECTS									
Jurisdiction	Mitigation Action	Priority	Addressed	Responsible Party/Partner/Response	Status	Status Details		Addressed by Worksheet	Relevant to Worksheet
						Completed	Not Completed		
<p>If not completed, identify barriers to implementation. Do not include projects being self-administered and completed with the action in progress and a description of the project and to whom you are completing the grant period of work, but there may be some responsibility in the community and to the activity may be carried forward.</p>						<p>If you checked the box that the project is being carried forward to the updated mitigation strategy, checked if and how the strategy from the 2009 Plan.</p> <p>If you checked the box that the project is being carried forward to the updated mitigation strategy, provide a brief explanation.</p>			
<p>Indicate a General Overview of how Local Priorities May Have Changed Since the Last Version of the Plan.</p>									



Mitigation Strategy: Components

2. New projects being added

Anything new that you'll be adding as part of the update to round out your strategy will need a Worksheet 7 prepared.



Mitigation Strategy: Components

3. Existing and anticipated grant applications

Agency approval hinges on the project being in the plan. So be sure to include Worksheet 7s for:

- Projects with LOIs and/or HMGP applications already in the FEMA pipeline.
- Projects where you'd like to request FEMA mitigation project funding at some point in the future.



Mitigation Strategy: Components

4. Projects identified in NY Rising plans (if applicable)



Mitigation Strategy: Components

5. Key plan integration activities from your Worksheet 6s

TARGETED PLAN INTEGRATION ACTIVITIES FOR THE NEXT PLANNING CYCLE	
Please check activities that your municipality is committing to prioritize over the next five years.	
1. CDBG-funded issues table to each department heads solicit their perspectives explore opportunities for further integration of hazard mitigation into the daily activities of the community as a whole	11
2. Incorporate hazard mitigation for natural hazards in the next update of your master general or comprehensive plan	11
3. Add a grant/ fiscal mitigation category the next cycle of your master general or comprehensive plan	11
4. Adopt and enforce the National Flood Insurance Administration's National Flood Insurance Program	11
5. A. Maintain community participation in FEMA's Community Rating System	11
B. Encourage and assist in higher FEMA community requirements	11
6. Join or continue to participate in the state's Community Rating System	11
7. State grant and Block Grant award high risk for actions to assist the local jurisdiction with the hazard mitigation plan as a local master table update of community land use plan, zoning and subdivision codes and the development review process	11
8. Meet with planning, zoning or professional consultants or other community agencies	11
9. Review and consider to issue mitigation measures table for the construction mitigation	11
10. Review status of operating budget to include a bracket for mitigation project funding	11
11. Review and consider to issue mitigation measures table for the construction mitigation	11
12. Require Department approval to repair and repair debris from debris and debris management	11
13. Require Department approval to repair and repair debris from debris and debris management	11
14. Require Department approval to repair and repair debris from debris and debris management	11
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47. Require Department approval to repair and repair debris from debris and debris management	11
48. Require Department approval to repair and repair debris from debris and debris management	11
49. Require Department approval to repair and repair debris from debris and debris management	11
50. Require Department approval to repair and repair debris from debris and debris management	11



Worksheet 7 = "Action Worksheet"

Complete One Worksheet #7 for Each Action

- Assess the Risk
- Describe the Action
- Evaluate the Action (benefits, costs, etc.)
- Implementation Information (priority, responsible party, etc.)
- Reporting on Progress (if carryover from last version of the plan)

* Developed by each JAT, with input from the public and other stakeholders.



Worksheet 7 = "Action Worksheet"

Worksheet 7	
Project Name	
Project Location	
Project Description	
Project Type	
Project Status	
Project Funding	
Project Start Date	
Project End Date	
Project Manager	
Project Sponsor	
Project Stakeholders	
Project Risks	
Project Benefits	
Project Costs	
Project Impact	
Project Evaluation	
Project Reporting	
Project Notes	

*** EXCEL SUBMITTALS ONLY ***

Action Worksheet	
Your plan name	
Your community name	
Community address number	
Assessing the Risk	
Hazard(s) addressed	What is the hazard?
Risk finding	What is the risk (problem) that this action is designed to fix?
Describing the Action	
Action category	Planning Structures, Public Events, Mitigation/Prevention, Disaster Relief
Action type	General description of the type of action (e.g., acquisition, education, mitigation)
Evaluating the Action	
Address avoided (i.e., benefits)	How effective will the action be at reducing damage to structures / infrastructure?
Cost estimate	How much do you estimate it will cost to implement the action?
Cost effectiveness (i.e., how many lives)	For the money invested through the cost of the action, in other words, will it save your community money in the long run? (Describe actions that are cost-effective)
Technical	Is the mitigation action technically feasible? (Describe actions that are not)
Political	Is there a strong public support for the mitigation action? Is there the political will to support it?
Legal	Does the community have the authority to implement the action?
Environmental	What are the potential environmental impacts of the action? Will it disrupt established neighborhoods, break up zoning districts or cause the disruption of other important areas?
Social	Will the proposed action have other negative impacts on the population? Will it disrupt established neighborhoods, break up zoning districts or cause the disruption of other important areas?
Administrative capability	Does the community have the personnel and administrative capability to implement the action? (List any special requirements, personnel, equipment, etc.)
Local champion	Is there a strong advocate for the action among local departments and agencies that will support the action? (List any special requirements, personnel, equipment, etc.)
Other community objectives	Does the action further other community objectives, such as capital improvements, economic development, environmental quality, or other state priorities?
Implementing the Action	
Priority	High, Medium, or Low
Lead planning mechanism	Which mechanism will be used to implement the action? (City, County, etc.)
Responsible party	Name the primary role of the person taking the lead
Preferred funding sources	Identify funding sources (e.g., state, federal, local, foundation, grant, etc.)
Time line	What is the targeted completion date for the project?
Reporting on Progress	
Action progress status	Is this a new action, or has it been completed? If it is a new action, what is the status of the plan? If it is a completed action, describe status in terms of progress made, when it will finish, any lessons learned, etc.

Worksheet Z
Fields
Described

Action Worksheet: Floodproof Structures	
Your plan name	County & Sound Mitigation Plan
Your community name	Ulster
Community address number	100000000
Assessing the Risk	
Hazard(s) addressed	Flood
Risk finding	Structures are at average property damage of about \$2K,000 per year and business interruption of \$1.2 million per year
Describing the Action	
Action category	Structure/Infrastructure program
Action type	Floodproofing
Action description	Floodproofing structures in the downtown area
Learning, Future & Use	Addressing existing structures
Evaluating the Action	
Address avoided (i.e., benefits)	City's cost to repair flooded properties reduced by 90%, approximately \$2,000,000 per year
Cost estimate	Floodproofing cost = \$100K x 10 = \$1,000,000
Cost effectiveness (i.e., how many lives)	Yearly savings of \$200K per year and cost of \$1M,000 (floodproofing cost) for 50 years = \$5,000,000. Floodproofing cost is reduced through on improved CRI ratings
Technical	Structuring structures - existing problem is waterborne areas caused by the long-term, unimproved condition of business interruption (water)
Political	Water that has the potential of the City Council and appears to have such knowledge for departmental business plan and continuing through it might be easier to get their support for an alternative to the work
Legal	CRP help improve CRI ratings in the long term (the entire community's flood insurance program will be reduced)
Environmental	No adverse environmental effects because project implementation (water) changes in structure and area
Social	There are no adverse effects on the population (e.g., 100% of the population is in the downtown area)
Administrative capability	None of them (except to implement higher technical assistance from the State)
Local champion	Public Works Department
Other community objectives	Project is a high priority development plan
Implementing the Action	
Priority	High
Lead planning mechanism	Ulster County Planning
Responsible party	Ulster County Planning
Preferred funding sources	Floodproofing cost = \$100K x 10 = \$1,000,000
Time line	CRP, 2015-2016 and 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030

Worksheet Z
Floodproofing
Example

Action Worksheet: Countywide Multi-hazard Public Education	
Your plan name	Countywide Multi-hazard Public Education
Your community name	Ulster County
Community address number	
Assessing the Risk	
Hazard(s) addressed	Multi-hazard (e.g., flood, earthquake, etc.)
Risk finding	Public awareness of hazards is low, leading to increased damage and loss of life.
Describing the Action	
Action category	Education/Outreach
Action type	Public awareness campaign
Action description	Develop and implement a countywide multi-hazard public education program for flood, earthquake, and other hazards. The program will include: 1. Countywide multi-hazard public awareness campaign. 2. Countywide multi-hazard public awareness campaign. 3. Countywide multi-hazard public awareness campaign. 4. Countywide multi-hazard public awareness campaign. 5. Countywide multi-hazard public awareness campaign. 6. Countywide multi-hazard public awareness campaign. 7. Countywide multi-hazard public awareness campaign. 8. Countywide multi-hazard public awareness campaign. 9. Countywide multi-hazard public awareness campaign. 10. Countywide multi-hazard public awareness campaign.
Learning, Future & Use	Addressing existing structures
Evaluating the Action	
Address avoided (i.e., benefits)	Public awareness of hazards is high, leading to reduced damage and loss of life.
Cost estimate	\$100,000
Cost effectiveness (i.e., how many lives)	Public awareness of hazards is high, leading to reduced damage and loss of life.
Technical	Public awareness of hazards is high, leading to reduced damage and loss of life.
Political	Public awareness of hazards is high, leading to reduced damage and loss of life.
Legal	Public awareness of hazards is high, leading to reduced damage and loss of life.
Environmental	Public awareness of hazards is high, leading to reduced damage and loss of life.
Social	Public awareness of hazards is high, leading to reduced damage and loss of life.
Administrative capability	Public awareness of hazards is high, leading to reduced damage and loss of life.
Local champion	Public awareness of hazards is high, leading to reduced damage and loss of life.
Other community objectives	Public awareness of hazards is high, leading to reduced damage and loss of life.
Implementing the Action	
Priority	High
Lead planning mechanism	Ulster County Planning
Responsible party	Ulster County Planning
Preferred funding sources	Floodproofing cost = \$100K x 10 = \$1,000,000
Time line	CRP, 2015-2016 and 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030

Worksheet Z
Multi-Jur.
Example

*****Important*****
Continue Outreach to the Public and Other Stakeholders

- Discuss at regularly scheduled board/council meetings
- Targeted outreach to the public and key stakeholders in your community
- Post on your community web site and/or Facebook, etc.
- Publish in a local paper and/or newsletters
- Distribute the Fact Sheet at local events; notice boards
- Solicit feedback from the public and other stakeholders when developing your mitigation strategy
- See Guidance Memo 1 for more info
- **Continue documenting your activities in the Outreach Log**

Contact Information

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