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
Peterson	Steven	UCECEM – Deputy Director	spet@co.ulster.ny.us	845-331-7000
Wilson	Tammy	UCECEM – Confidential Secretary	twil@co.ulster.ny.us	845-331-7000
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

Last Name	First Name	Representing	Email Address	Phone
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~~Aaron~~ Bennett	Aaron	UC Dept of Environment	aben@co.ulster.ny.us	340-3522
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Last Name	First Name	Representing	Email Address	Phone
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Ulster County Multi-Jurisdictional
Hazard Mitigation Plan Update
Kickoff Meeting
October 3, 2013
9:30 a.m.
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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

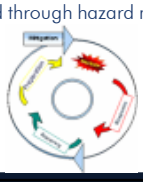
Opening Remarks

"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.

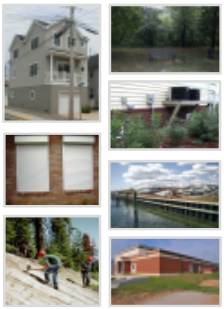
Hazard Mitigation: *Breaking the Cycle*

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

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

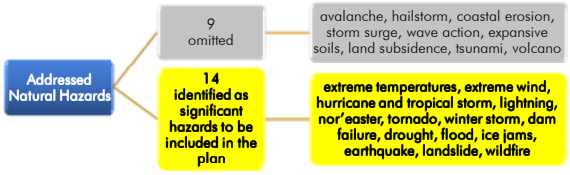
5-year Updates to Reflect CURRENT Conditions:

- 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

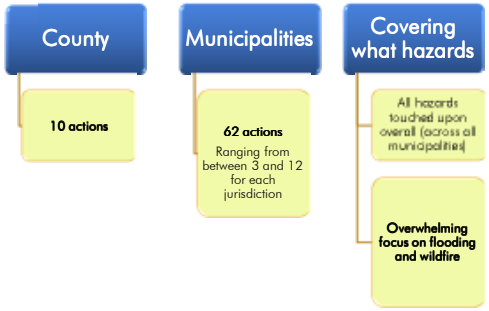
Overview of the Current Plan

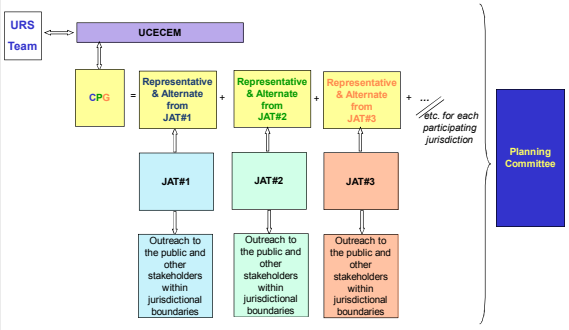
- Initial planning process was conducted between 2007 and 2008
- Plan was approved by FEMA early in 2009
- Natural — Addressed natural hazards
- The County and 12 of its 24 municipalities met participation requirements to be included in the plan
- The County and 12 participants ultimately adopted the Final 2009 Plan

Overview of the Current Plan



Overview of the Current Plan





Key:
UCECEM Ulster County Emergency Communications / Emergency Management
CPG Core Planning Group
JAT Jurisdictional Assessment Team

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.dhses.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:
Participation Requirements

Participating jurisdictions must:

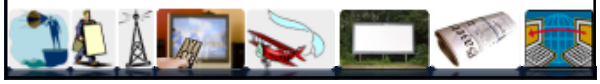
- Attend meetings
- Conduct outreach
- Provide feedback (*worksheets*)
- Update their municipal mitigation action plans
- Review and comment on the Updated Plan Draft
- Implement the plan and monitor progress

Participation Requirements:
Outreach to the Public and Other Stakeholders

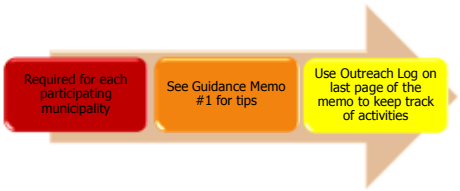
Outreach

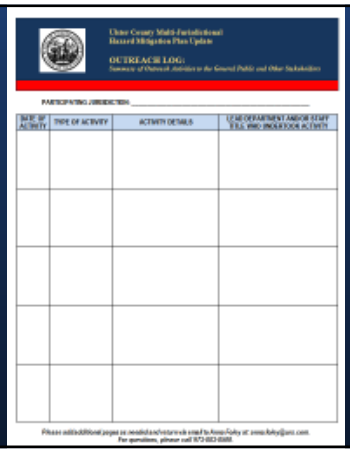
- To the general public and other stakeholders
- Throughout the update process and during the plan maintenance stages
- Concerted efforts using various avenues

Note: Meetings with your own municipal staff members are JAT activities - not 'outreach'



Participation Requirements:
Outreach to the Public and Other Stakeholders





Participation Requirements:
Outreach to the Public and Other Stakeholders

Who Are Other Stakeholders?

Must include:

- Neighboring communities
- Local and regional agencies involved in hazard mitigation activities
- Agencies that have authority to regulate development
- Other interests

Other interests, include:

- Non-profit organizations (i.e., Red Cross, Salvation Army)
- Environmental groups
- Historic preservation groups
- Church organizations
- Parks organizations
- State, federal, and local government offices
- Business and development organizations
- Transportation entities
- Emergency service providers
- Academic institutions
- Utility providers
- Hospitals
- Tribal groups
- Large businesses
- Regional planning organizations

Plan Update:
New York State Requirements - new

1. 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

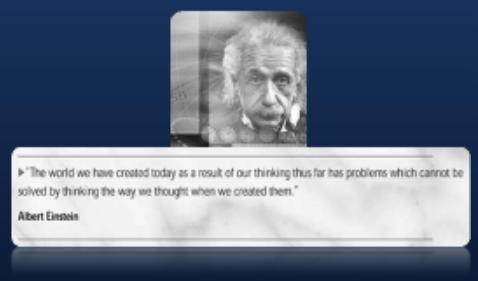
To Do: Continued outreach

To Do: Continued worksheet completion

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

Questions?

Closing Remarks



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Richard Franks
richard.a.franks@urs.com, 973-883-8559

3 – CPG Meeting – November 21, 2014

- Sign-in sheet
- Agenda
- PowerPoint presentation

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Progress Meeting – November 21, 2014 – 9:00 a.m.
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Last Name	First Name	Representing	Email Address	Phone
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Valk	John	town of Shawangunk	JValkJR@HVGRR. com ~~Supervisor~~	845-2900
Hoffstatter	Glenn	T.O. Hurley	buildings@townofhurley.ous	331-7474 ext 4
Brooks	DAVID	town of Denning	town supervisor at Denning.us	985-2411
DELAREDE	STACY	TOWN of NEWPALTZ	SDELAREDE@ TOWNOF NEWPALTZ.ORG	255-0102
Moniz	Kathryn	Town of Ulster	Kmoniz@townofulster.org	340-3884
MALONEY	JAMES	Towns of Ulster/Kingston	JMALONEYJAC@gmail.com	845-399-6810
BENJAMIN	VERNON	Town of SAUGERTIES	VERNJAMIN@ SAUGERTIES.NY.US	845-901-2903
Wilklow	Catherine	Town of Marlborough	highway1650@yahoo.com	845-795-2272x6
Byrnes	LINDA	Town of Plattekill	lindabyrnes86@yahoo.com	845-883-5910
WAGER	Robert	Town of Plattekill	Tophwybob@yahoo.com	845-883-5910
RIVERA	CHAN	TOWN OF WALLKILL	UL42commish@AOL.com	845-853-3028. cell.
FUGEL	JAMES	Town of Olive		845-657-8809
ROZZELLE	SYLVIA	Town of Olive	olivesupervisor@hvc.rr.com	845-657-8118 x4
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Bennett	ARAPEN	UC DEPT of Environment	alben@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 Progress Meeting
November 21, 2014
9:00 a.m. – 9:15 a.m.
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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

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CPG Progress Meeting
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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 Review .....All

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

1 – 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.
Legislative Chambers of the Ulster County Building, 244 Fair Street, Kingston, NY

Last Name	First Name	Representing	Email Address	Phone
Stanley	Robert	Town of Shandaken	shandakensupervisor@yahoo.com	(845) 688-7165
Hofmeister	Eric	Town of Shandaken	highway@shandaken.us	845-688-9901
Gallagher	Robert	T O Rosendale	Highway Super @ Town of Rosendale.com	845-658-9851
Brooks	DAVID	town of Denning	town supervisor at Denning.us	985-2411
Hoffstatter	Glenn	T.O. Hurley	buildings@townofhurley.org	(845) 331-7474 ext 4
DELAREDE	STACY	TO NEW PALTZ	SDELAREDE@TownofNewPaltz.org	2550102
Moniz	Kathryn	Town of Ulster	KMoniz@townofulster.org	340-3884
JAMES	MALONEY	Towns of Ulster/Kingston	JMaloneyIAO@gmail.com	845-399-6810
Wilklow	Catherine	T/o Marlborough	highway1650@yahoo.com	845-795-2272 x6
Byrnes	LINDA	T/o Plattekill	lindabyrnes86@yahoo.com	845-883-5910
WAGER	Robert	T/o Plattekill	TOPHwybobe yahoo.com	845-883-5910
RIVERA	CHAD	T/O WARWARSING	UL42 COMMISH @ AOL.com	846-853-3028 cell
WADE	ALEX	V/ SAUGERTIES	AJX-1@USA.Net	849-5343 ext 845
Bennett	Anton	UC Dept. of Environment	aben@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…….....	*UCECEM*
10:05	Overview of Worksheets (with Q&A throughout) …..…….....	*URS*
11:00	Break	
11:10	One-on-One Assistance with Communities …..…….....	*URS*
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.

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

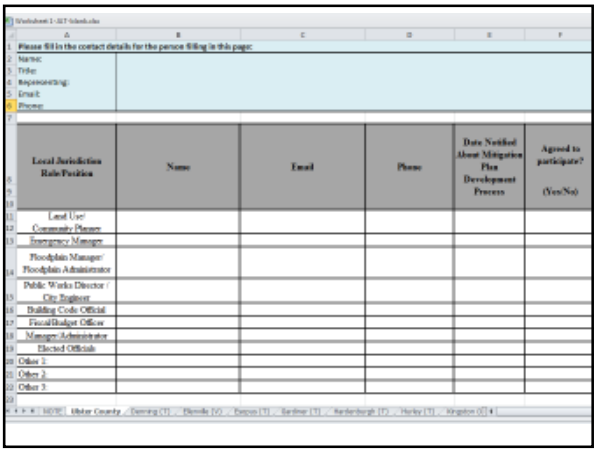
OUTREACH LOG:
Summary of Outreach Activities to the General Public and Other Stakeholders

PARTICIPATING JURISDICTION _____

DATE OF ACTIVITY	TYPE OF ACTIVITY	ACTIVITY DETAILS	LEAD DEPARTMENT AND/OR STAFF TITLE WHO UNDERTOOK ACTIVITY

Worksheet 1 –
Jurisdictional Assessment Teams (JATs)

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


Worksheet 1-JAT-Template.xlsx

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

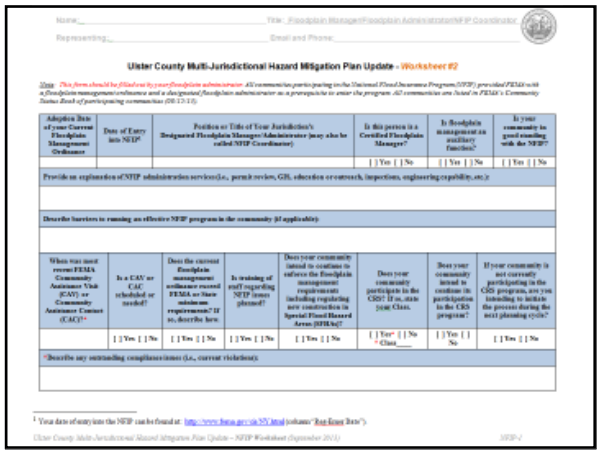
Name:
Title:
Representing:
Email:
Phone:

Local Jurisdiction Role/Position	Name	Email	Phone	Date Notified About Mitigation Plan Development Process	Agreed to participate? (Yes/No)
Land Use/ Community Planner					
Emergency Manager					
Floodplain Manager/ Floodplain Administrator					
Public Works Director / City Engineer					
Building Code Official					
Fiscal/Budget Officer					
Manager/Administrator					
Elected Officials					
Other 1					
Other 2					
Other 3					

NOTE: Ulster County / Denning [T] / Hardenburgh [T] / Hurley [T] / Kingston [C]

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

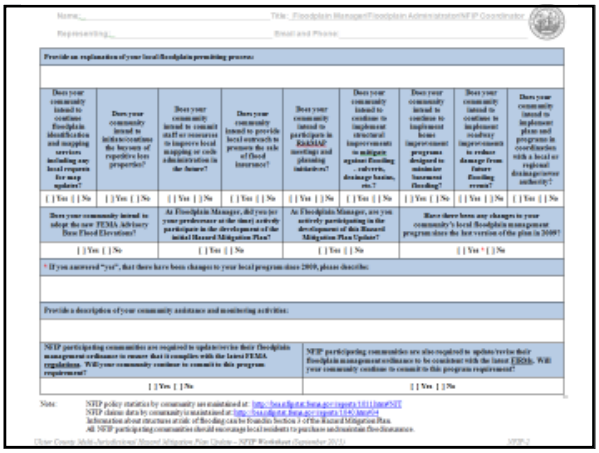


Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update - Worksheet #2

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 is a Certified Floodplain Manager?	Is floodplain management an ancillary function?	Is your community in good standing with the NFIP?
			[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No

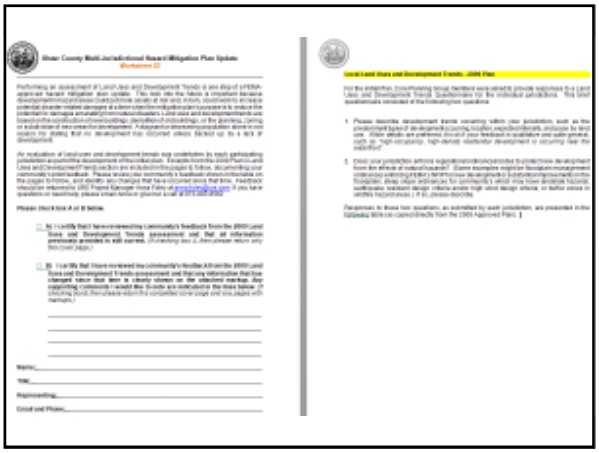
When was most recent FEMA Community Assistance Visit (CAV) or Community Assistance Contact (CAC)[1]*	Is a CAV or CAC scheduled or needed?	Does the current floodplain management ordinance exceed FEMA or State minimum requirements? If so, describe here.	Is training of staff regarding NFIP issues planned?	Does your community intend to continue 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 [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes* [ ] No * Class____	[ ] Yes [ ] No	[ ] Yes [ ] No

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



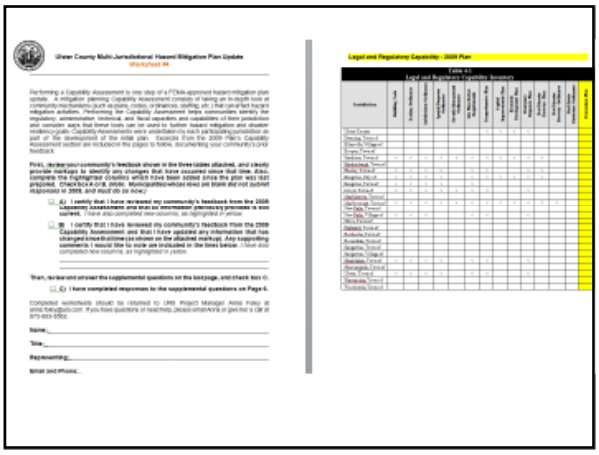
Worksheet 3 -
Land Uses and Development Trends Update

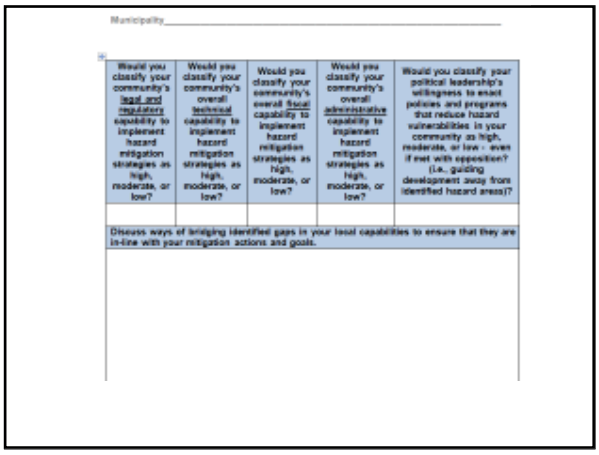
- **Purpose:**
  Document changes in land uses and development trends since the last version of the plan was approved
- **Who Should Complete:**
  JAT member(s) involved in land use, community planning, and/or code enforcement



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





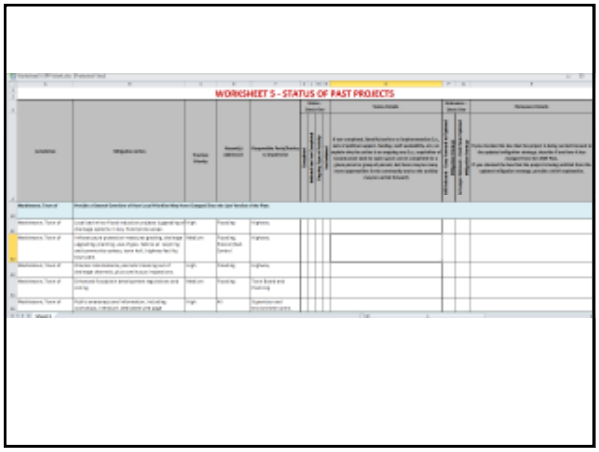
Municipality_____

Would you classify your community's legal and regulatory capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall technical capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall fiscal capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall administrative capability to implement hazard mitigation strategies as high, moderate, or low?	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)?
Discuss ways of bridging identified gaps in your local capabilities to ensure that they are in-line with your mitigation actions and goals.				

Worksheet 5 – *Status of Past Projects*

- **Purpose:**
  Document changes in the status of projects identified in the last version of the plan, and any changes in local priorities
- **Who Should Complete:**
  All members of your JAT should gather to contribute

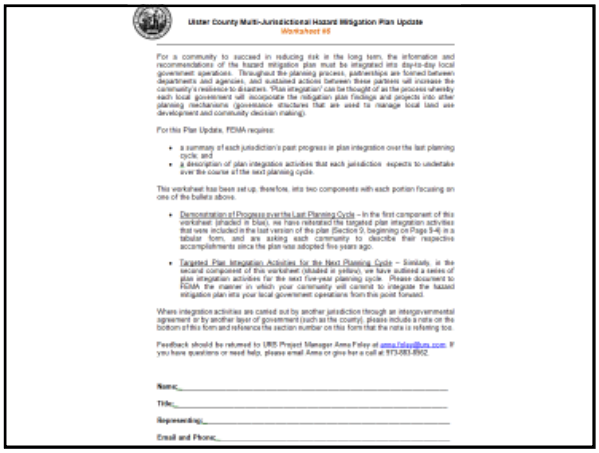
  Note: Only applicable for 2009 Participating Jurisdictions



Worksheet 6 – *Plan Integration*

- **Purpose:**
  Document (a) plan integration activities that were undertaken during the first plan maintenance cycle from 2009 to present, and (b) those that will be undertaken during the next 5-year plan maintenance cycle
- **Who Should Complete:**
  All members of JATs should gather to contribute

  Note: Part "(a)", above, is relevant only for 2009 Participating Jurisdictions. All communities will do part (b)



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 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 2006.	
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.	

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update
Plan Integration Worksheet
Page 3 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. 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.	
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 IBC (NJ 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 NFIP's Community Rating System.	
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.	
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 departments/agencies 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 plan/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. Sponsor training on best practices for hazard mitigation for local government staff. (Note: this may be accomplished with other local governments.)	

Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update
Plan Integration Worksheet
Page 4 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

See hard copy ☺

Action Worksheet	
Jurisdiction name	Ulster County Multi-Jurisdictional Hazard Mitigation Plan
Jurisdiction(s) point of contact	
Community action number	Number your action starting with 1 and continuing up through the total number
Assessing the Risk	
Hazard(s) addressed	What is the hazard?
Risk Rating	What is the risk (positive) that this action is designed to fix?
Describing the Action	
Action category	Planning (Mitigation Plan), Public Education, Natural Resource Protection, Structural Project
Action type	Choose a description of the type of action (i.e., acquisition, elevation, drainage improvement, etc)
Action description	Complete description of the particular - the location, and exactly what is being planning
Existing Actions (Y/N/N/A)	Does the action protect existing development, future development, both, or N/A
Evaluating the Action	
Lives avoided (i.e., benefits)	How effective will the action be at protecting lives and preventing injuries? How significant 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/Benefit (i.e., benefit/cost)	Do the losses avoided outweigh the cost of the action? In other words, will it save you community money in the long term? Eliminate actions that are not cost effective
Technical	Is the mitigation action technically feasible? Eliminate actions that are not.
Political	Is there overall 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 comply with environmental regulations?
Social	Will the proposed action affect one segment of the population? Will it disrupt established neighborhoods, break up working districts or cause the relocation of lower income people?
Administrative capability	Does the community have the personnel and administrative capabilities to implement the action and maintain it or will it need help in someone?
Local champion	Is there a strong advocate for the action among local departments and agencies that will support its implementation?
Other community objectives	Does the action further other community objectives, such as capital improvements, economic development, environmental quality, or open space preservation?
Implementing the Action	
County	Ulster, Multi-co, or zone
Local planning mechanism	What local mechanisms will be used to implement the action? Codes, plans, etc.
Responsible party	Lead department/agency that will be responsible for the action
Potential funding sources	Potential funding sources can include Energy, Grants, Local budget, Local staff time, etc.
Start Date	What is the targeted completion date for the project?
Reporting on Progress	
Action progress status	Is this a new action, or has it been carried forward from the last cycle? If it is carried forward, describe status in terms of progress made, what is left to do, any issues impeding progress, targeted completion date.

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	Aaron	Ulster County	aben@co.ulster.ny.us	340-3522
Schug Jr.	BRIAN	Village of Ellenville	bschug@villageofellenville.com	647-7080 ext. 310
Vance	Henry M. III	T/Gardiner	hvance.tog@gmail	845-255 9675 x107
MALONEY	JAMES	T/Kingston + Ulster	JMALONEYJAZ@gmail.	845-399-6810
RHOADES	DENISE	T/o Lloyd	Highway@townoflloyd.com	(845)691-7631
KLOTZ	RICH	T/o Lloyd	" "	" "
Terwilliger	Gene Blen	village of New paltz	dpw@villageofnewpaltz.org	845-255-1980
Nielson	Heather	Village of New Paltz	dpw@villageofnewpaltz.org	845-255-1980
DELAREDE	STACY	TOWN OF NEW PALTZ	SDELAREDE@TOWNOFNEWPALTZ.ORG	255 0102
Rozzelle	SYLVIA	Town of Olive	olivesupervisor@hvc.rr.com	845-657-8118 x4
PETERSON	STEVE	UC OEM	SPET@CO.ULSTER.NY.US	845 331.7000
Foley	Anna	AECOM	annafoley@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.

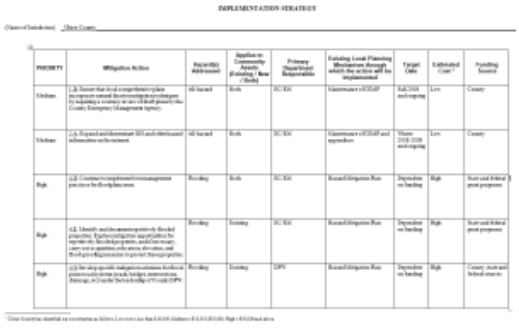
- Community subject to flooding, high winds with actions focused on driving in winter weather conditions
- Communities with high wildfire risk and no corresponding actions

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://ulstercountyny.gov/emergency-services/hazard-mitigation

Mitigation Strategy: A 2009Example



Mitigation Strategy: A 2015 Example = Worksheet 7

Mitigation Strategy: Linking Problems With Solutions

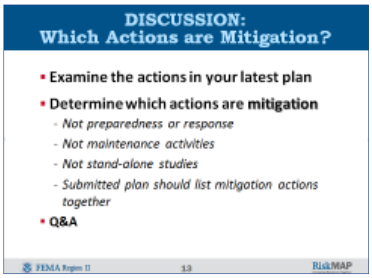
Your new mitigation strategies should do a much better job of making better connections between ***Problems*** and ***Solutions***.

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

* Slide from FEMA's April 2013 Workshop

Mitigation Strategy: Linking Problems With Solutions



* 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

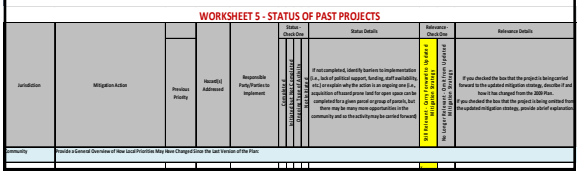
1. Projects 'carrying forward' from 2009
2. New projects being added
3. Existing and anticipated grant applications
4. Projects in NY Rising plans (if applicable)
5. Key plan integration activities from your Worksheet 6s

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

Mitigation Strategy: Components

1. Projects 'carrying forward' from 2009

All projects from 2009were 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	Previous Priority	Hazard(s) Addressed	Responsible Party/Parties to Implement	Status - Check One: Completed	Status - Check One: Not Completed	Status - Check One: Not Relevant	Status - Check One: Not Relevant	Status Details	Relevance - Check One	Relevance Details
Community	Provide a General Overview of How Local Priorities May Have Changed Since the Last Version of the Plan										
									If not completed, identify barriers to implementation (i.e., lack of political support, funding, staff availability, etc.) or explain why the action is an ongoing one (i.e., acquisition of a zoned prone land for open space can be completed for a given parcel or group of parcels, but there may be many more opportunities in the community and so the activity may be carried forward)	Still Relevant - Carry Forward to Updated Mitigation Strategy / No Longer Relevant - Carry Forward to Updated Mitigation Strategy	If you checked the box that the project is being carried forward to the updated mitigation strategy, describe if and how it has changed from the 2009 Plan. If you checked the box that the project is being omitted from the updated mitigation strategy, provide a brief explanation

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

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"

**** EXCEL SUBMITTALS ONLY ****

Worksheet 7

Fields

Described

Action Worksheet	
Your plan name	
Your community name	
Community action number	*Number your actions starting with 1 and continuing up through the last action.*
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 Mechanism, Public Education, Natural Resource Protection, Structural Project*
Action type	*General description of the type of action (i.e., acquisition, elevation, drainage improvement, etc)*
Action description	*Detailed description of the particulars - the location, and exactly what is being planning*
Existing, future &/or NA	*Does the action protect existing development, future development, both, or NA*
Evaluating the Action	
Losses avoided (i.e., benefits)	*How effective will the action be at protecting lives and preventing injuries?* *How significant 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., benefit/cost)	*Do the losses avoided outweigh the cost of the action?* *In other words, will it save your community money in the long term?* *Eliminate actions that are not cost effective*
Technical	*Is the mitigation action technically feasible?* *Eliminate actions that are not.*
Political	*Is there overall 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 comply with environmental regulations?*
Social	*Will the proposed action affect one segment of the population?* *Will it disrupt established neighborhoods, break up voting districts or cause the relocation of lower income people?*
Administrative capability	*Does the community have the personnel and administrative capabilities to implement the action and maintain it or will outside help be necessary?*
Local champion	*Is there a strong advocate for the action among local departments and agencies that will support its implementation?*
Other community objectives	*Does the action further other community objectives, such as capital improvements, economic development, environmental quality, or open space preservation?*
Implementing the Action	
Priority	*High, Medium, or Low*
Local planning mechanism	*What local mechanism will be used to implement the action? Codes, plans, etc.*
Responsible party	*Insert the position title of the person taking the lead*
Potential funding sources	*Potential funding sources can include things like grants, local budget, local staff time, 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 carried forward from the last version of the plan? If it is carried forward, describe status in terms of progress made, what is still to-do, any issues impeding process, targeted completion date.*

Worksheet 7

Floodproofing

Example

Action Worksheet: *Floodproof Structures*	
Your plan name	County A Hazard Mitigation Plan
Your community name	Village J
Community action number	Village 1#1
Assessing the Risk	
Hazard(s) addressed	Flood
Risk finding	Downtown area averages property damage of about $[illegible]/year and business interruption of [illegible] days per year.
Describing the Action	
Action category	Structural/Infrastructure projects
Action type	Floodproofing
Action description	Floodproof 20 businesses in the downtown area
Existing, future &/or NA	Addresses existing situation.
Evaluating the Action	
Losses avoided (i.e., benefits)	City's cost to repair flooded properties reduced by 80%, approximate savings of [illegible] per year.
Cost estimate	Floodproofing are = [illegible]
Cost effectiveness (i.e., benefit/cost)	With savings of [illegible] per year, and a cost of [illegible] (floodproofing pays for itself in 10 years. (In addition, flood insurance premiums may be reduced through an improved CRS rating.)
Technical	Technically feasible. Avoiding problems in downtown area solved for the long-term, at minimal to no disruption of business interruption school.
Political	- More than half the members of the City Council are opposed to buy-outs especially for commercial businesses that are otherwise thriving. It might be easier to get their support for an alternative to buy-outs. - Will help improve CRS rating in the long-term (as entire community's flood insurance premium will be reduced).
Legal	No opposed legal issues
Environmental	No adverse environmental effects because project involves minimal structural changes in an built out area.
Social	Does not adversely affect any particular social group. Helps 2 small minority-owned businesses reduce their flood problem.
Administrative capability	Need architect & people to administer (after technical assistance from the State)
Local champion	Possibly Non-business community
Other community objectives	Supports Village economic development plan
Implementing the Action	
Priority	High
Local planning mechanism	Floodplain Ordinance
Responsible party	Village J (Public Works)
Potential funding sources	Floodproofing pool = [illegible]
Time line	MHMP, PPC, DR, and HMA. For DR: local match, in-kind services.
	Later

Worksheet 7

Multi-Jur.

Example

Action Worksheet: Countywide Multi-hazard Public Education	
Your plan name	County A Hazard Mitigation Plan
Your community name	*County A and Municipalities A-H*
Community action number	*County-wide 1*
Assessing the Risk	
Hazard(s) addressed	*All natural hazards identified in the MHMP (Specify)*
Risk finding	*Public understanding of hazard mitigation and its benefits is limited*
Describing the Action	
Action category	*Education and outreach*
Action type	*Public awareness and education program*
Action description	*1. County A and municipalities B-G will set up a Countywide Committee to develop an all-hazards public awareness and education program for hazard mitigation, including websites, stakeholder outreach, flyers, meetings, and/or media outreach.* *2. County will post a Hazard Mitigation Awareness and Education Program on its website. Municipalities B-G provide a direct link to this webpage on their websites.* *3. The County OEM and County Planning will conduct outreach to external and internal stakeholders that can provide technical information or assistance in hazard identification, risk assessment and risk communication, such as Northwest Community College and County A GIS Dept.* *4. The Committee (with the County Planning Dept as lead) will develop flyers to educate citizens about mitigation. The County and the municipalities will disseminate them through local fairs, special events, public meetings, municipal offices, libraries, social media etc.* *5. Municipality School Superintendents will add to current awareness campaign for schools.*
Existing, future &/or N/A	*N/A*
Evaluating the Action	
Losses avoided (i.e., benefits)	*Public awareness will build support for mitigation, encourage homeowners to create a demand for better construction practices and raise a reliable people and resources.*
Cost estimate	*$12,500*
Cost effectiveness (i.e., benefit/cost)	*The economic benefits of education outreach make the benefits of this action outweigh the other minor costs. This is a low-cost action that can be easily implemented.*
Technical	*Technically feasible. Building public awareness has been proven to reduce risk.*
Political	*No identified political issues*
Legal	*Action is legal and educational efforts have been used previously for campaigns on public safety and welfare issues*
Environmental	*No adverse environmental effects from outreach efforts*
Social	*Does not adversely affect any particular social group. Provides education to all social/economic groups*
Administrative capability	*Administrative costs of collecting and distributing data and coordination effort considered low.*
Local champion	*County, Town public, School officials. Those active enough to collect*
Other community objectives	*Some of these education activities may be eligible for credit under the Community Rating System and so they could lead to lower flood insurance premiums.*
Implementing the Action	
Priority	*High*
Local planning mechanism	*N/A*
Responsible party	*County and municipal OEMs with assistance from (a) County Planning Dept and GIS; (b) Municipality Planning Depts, Public Information Officers and School Superintendents; and (c) Northwest Community College. See Action description for specifics.*
Potential funding sources	*Education foundations*
Time line	*Later*
Reporting on Progress	
Action progress status	*County A is applying for 5% HMGP grant for this project after Hurricane*

****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 Wawarsing	wawabuilding@gmail.com	647-7800 ext. 5
Poss	Anthony	Town of Wawarsin	Supervisor	648 8650
Distel	Leonard	Town of Wawarsing	Wawsupervisor@aol.com	647-6570 EXT 6
Pollan	Dan Pollan	Town of Wawarsing	DPollan.townofwawarsing@Gmail.com	845 248-2693
WADE	ALEXANDER	V/Governors	AJAX_100@USA.Net	(845) 849-4353
Hilbert	Cindy	T/o Plattekill	hibbs74@aol.com	845-883-7331
Croce	Joseph	T/o ~~Marlborough~~ Plattekill	jgctop@yahoo.com	845-883-7331-Ext 10
Bennett	Anna	Ulster County	aben@co.ulster.ny.us	845-340-3522
Carl	Chipman	Town of Rochester	cmc102988@yahoo.com	(845)-626-3043
~~Bryant~~ Arms	Bryant	Village of New Paltz	barms@villageofnewpaltz.org	845-706-8835
Dimler	George	Town of Marbletown	Highway Dept@marbletown.net	845 687 9615
Foley	ANNA	AECOM	ANNA.FOLEY@AECOM.COM	973-883-8562
Peterson	Steve	Ulster Co. OEM	spet@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.

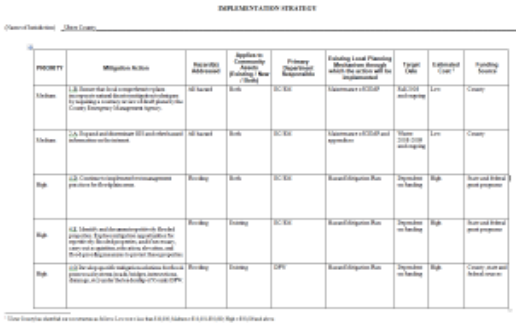
- Community subject to flooding, high winds with actions focused on driving in winter weather conditions
- Communities with high wildfire risk and no corresponding actions

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://ulstercountyny.gov/emergency-services/hazard-mitigation

Mitigation Strategy: A 2009Example



Mitigation Strategy: A 2015 Example = Worksheet 7

Mitigation Strategy: Linking Problems With Solutions

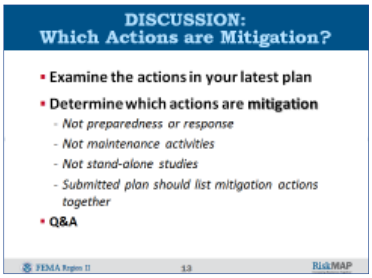
Your new mitigation strategies should do a much better job of making better connections between ***Problems*** and ***Solutions***.

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

* Slide from FEMA's April 2013 Workshop

Mitigation Strategy: Linking Problems With Solutions



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Mitigation Strategy: Linking Problems With Solutions

- Excellent resource: FEMA's *Mitigation Ideas*

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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
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  - 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

1. Projects 'carrying forward' from 2009
2. New projects being added
3. Existing and anticipated grant applications
4. Projects in NY Rising plans (if applicable)
5. 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

1. Projects 'carrying forward' from 2009

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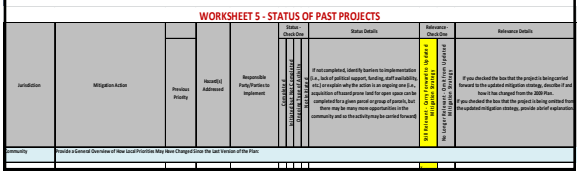
WORKSHEET 5 - STATUS OF PAST PROJECTS

Jurisdiction	Mitigation Action	Previous Priority	Hazard(s) Addressed	Responsible Party/Parties to Implement	Status - Check One: Completed	Status - Check One: Not Completed	Status - Check One: Not Feasible	Status - Check One: Not Relevant	Status Details	Relevance - Check One: Still Relevant - Carry Forward to Updated Mitigation Strategy	Relevance - Check One: No Longer Relevant - Carry Forward to Updated Mitigation Strategy	Relevance Details
Community	Provide a General Overview of How Local Priorities May Have Changed Since the last Version of the Plan:											

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

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"

**** EXCEL SUBMITTALS ONLY ****

Action Worksheet	
Your plan name	
Your community name	
Community action number	*Number your actions starting with 1 and continuing up through the last action.*
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 Mechanism, Public Education, Natural Resource Protection, Structural Project*
Action type	*General description of the type of action (i.e., acquisition, elevation, drainage improvement, etc)*
Action description	*Detailed description of the particulars - the location, and exactly what is being planning*
Existing, future &/or NA	*Does the action protect existing development, future development, both, or NA*
Evaluating the Action	
Losses avoided (i.e., benefits)	*How effective will the action be at protecting lives and preventing injuries?* *How significant 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., benefit/cost)	*Do the losses avoided outweigh the cost of the action?* *In other words, will it save your community money in the long term?* *Eliminate actions that are not cost effective*
Technical	*Is the mitigation action technically feasible?* *Eliminate actions that are not.*
Political	*Is there overall 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 comply with environmental regulations?*
Social	*Will the proposed action affect one segment of the population?* *Will it disrupt established neighborhoods, break up voting districts or cause the relocation of lower income people?*
Administrative capability	*Does the community have the personnel and administrative capabilities to implement the action and maintain it or will outside help be necessary?*
Local champion	*Is there a strong advocate for the action among local departments and agencies that will support its implementation?*
Other community objectives	*Does the action further other community objectives, such as capital improvements, economic development, environmental quality, or open space preservation?*
Implementing the Action	
Priority	*High, Medium, or Low*
Local planning mechanism	*What local mechanism will be used to implement the action? Codes, plans, etc.*
Responsible party	*Insert the position title of the person taking the lead*
Potential funding sources	*Potential funding sources can include things like grants, local budget, local staff time, 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 carried forward from the last version of the plan? If it is carried forward, describe status in terms of progress made, what is still to-do, any issues impeding process, targeted completion date*

Worksheet 7

Fields

Described

Action Worksheet: *Floodproof Structures*

Your plan name	County A Hazard Mitigation Plan
Your community name	Village E
Community action number	Village #1
Assessing the Risk	
Hazard(s) addressed	Flood
Risk finding	Downtown area averages property damage of about $[illegible] per year and business interruption of [illegible] per year.
Describing the Action	
Action category	Structural/Infrastructure projects
Action type	Floodproofing
Action description	Floodproof 20 businesses in the downtown area
Existing, future &/or NA	Addresses existing situation.
Evaluating the Action	
Losses avoided (i.e., benefits)	City's cost to repair flooded properties reduced by 80%, approximate saving of [illegible] per year.
Cost estimate	Floodproofing are = [illegible]
Cost effectiveness (i.e., benefit/cost)	With savings of [illegible] per year, and a cost of [illegible] (floodproofing pays for itself in 10 years. (In addition, flood insurance premiums may be reduced through an improved CRS rating.)
Technical	Technically feasible. Avoiding problems in downtown area solved for the long-term, at minimal to no disruption of business interruption school.
Political	- More than half the members of the City Council are opposed to buy-outs especially for commercial businesses that are otherwise thriving. It might be easier to get their support for an alternative to buy-outs. - Will help improve CRS rating in the long-term (so entire community's flood insurance premium will be reduced).
Legal	No apparent legal issues
Environmental	No adverse environmental effects because project involves minimal structural changes in an built out area.
Social	Does not adversely affect any particular social group. Helps 2 small minority-owned businesses reduce their flood problem.
Administrative capability	Need architect & people to administer (after technical assistance from the State)
Local champion	Possibly Non-business community
Other community objectives	Supports Village economic development plan
Implementing the Action	
Priority	High
Local planning mechanism	Floodplain Ordinance
Responsible party	Village E (Public Works)
Potential funding sources	Floodproofing cost = [illegible]
Time line	MHMP, RFC, DR, and HMA. For DR: local match, in-kind services.
	Later

Worksheet 7

Floodproofing

Example

Action Worksheet: Countywide Multi-hazard Public Education	
Your plan name	County A Hazard Mitigation Plan
Your community name	County A and Municipalities A-E
Community action number	County-wide #1
Assessing the Risk	
Hazard(s) addressed	*All natural hazards identified in the HMP (Specify)*
Risk finding	*Public understanding of hazard mitigation and its benefits is limited*
Describing the Action	
Action category	*Education and outreach*
Action type	*Public awareness and education program*
Action description	*1. County A and municipalities A-E will set up a Countywide Committee to develop an all-hazards public awareness and education program for hazard mitigation, including websites, stakeholder outreach, flyers, meetings, and/or media outreach.* *2. County will post a Hazard Mitigation Awareness and Education Page on its website. Municipalities A-E provide a direct link to this webpage on their websites.* *3. The County OEM and County Planning will conduct outreach to external and internal stakeholders that can provide technical information or assistance in hazard identification, risk assessment and risk communication, such as Northwest Community College and County A GIS Dept.* *4. The Committee (with the County Planning Dept as lead) will develop flyers to educate citizens about mitigation. The County and the municipalities will disseminate them through local fairs, special events, public meetings, municipal offices, libraries, social media etc.* *5. Municipality School Superintendents will add to current awareness campaign for schools.*
Existing, future &/or N/A	*N/A*
Evaluating the Action	
Losses avoided (i.e., benefits)	*Public awareness will build support for mitigation, encourage homeowners to create a demand for better construction practices and raise available funds and resources.*
Cost estimate	*$50,000*
Cost effectiveness (i.e., benefit/cost)	*The economic benefits of education outreach make the benefits of this action outweigh the other minor costs. This is a low-cost action that can be easily implemented.*
Technical	*Technically feasible. Building public awareness has been proven to reduce risk.*
Political	*No apparent political issues*
Legal	*Action is legal and educational efforts have been used previously for campaigns on public safety and welfare issues*
Environmental	*No adverse environmental effects from outreach efforts*
Social	*Does not adversely affect any particular social group. Provides education to all social/economic groups*
Administrative capability	*Administrative costs of collecting and distributing data and coordination effort considered low.*
Local champion	*Possibly Non-public School Districts. Those actively enough to collect*
Other community objectives	*Some of these education activities may be eligible for credit under the Community Rating System and so they could lead to lower flood insurance premiums.*
Implementing the Action	
Priority	*High*
Local planning mechanism	*N/A*
Responsible party	*County and municipal OEMs with assistance from (a) County Planning Dept and GIS; (b) Municipality Planning Depts, Public Information Officers and School Superintendents; and (c) Northwest Community College. See Action description for specifics.*
Potential funding sources	*Education foundations*
Time line	*Later*
Reporting on Progress	
Action progress status	*County A is applying for 5% HMGP grant for this project after Hurricane*

Worksheet 7

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**

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