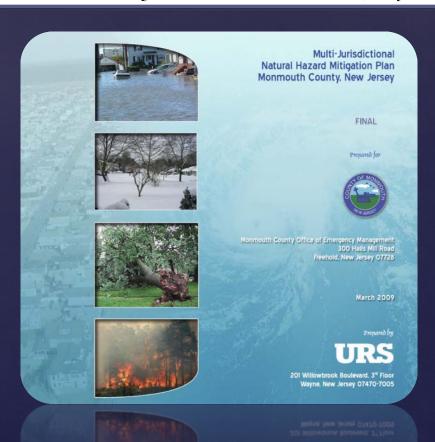


Monmouth County Multi-Jurisdictional Hazard Mitigation Plan Update

Core Planning Group Meeting #5 February 27, 2014 2:00 pm / 7:00 pm

Monmouth County Communications Center, Neptune





Today's Agenda

Welcome and Opening Remarks

Mitigation Strategy Overview and Goals for Today's Session

Mitigation Strategy: Linking Problems With Solutions

Priority Risk Indices, Hazard Rankings, and Key Risk Findings

Documenting Your Projects Using Worksheet #7

Reminder About Outreach

Questions and Closing Remarks

Adjourn

Today's Mitigation Strategy Working Session

We are here to:

- Have interactive discussions
- Build on FEMA's Mitigation Strategy Workshop (April 2013)
- Help you
 - understand latest regulatory requirements
 - develop an updated mitigation strategy



Today's Mitigation Strategy Working Session

Goal:

- For each community
- to develop a robust mitigation strategy
- that addresses its highest hazards and key risks
- Only then will we be able to achieve safer, more disasterresistant and resilient communities

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
 (the people you listed on Worksheet # 1)

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.

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

Today's workshop is designed to help you make better connections between *Problems* (Key Risk Findings) and *Solutions* (the projects that make up your Mitigation Strategies).

Keep In Mind: At the April 2013 Workshops, FEMA suggested focusing on fewer but better, more developed mitigation actions.

Problems:

- Highest Hazards
- Key Risk Findings

Solutions:

Actions and projects that make up your Mitigation Strategy

Mitigation Strategy - Four Basic Steps

- 1. Identify Highest Hazards
- 2. Understand Key Risks
- 3. Develop Projects to Solve the Problems *
- 4. Complete One Worksheet #7 for Each Project
 - 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.

Step 1 – Problems – Identify Highest Hazards

- County-wide, there are 16 hazards included in the plan
 - The subset of applicable hazards and the degree of risk posed by applicable hazards varies from one community to the next
- Therefore: we need a way to rank the hazards
- Hazard Rankings through Priority Risk Indices (PRIs)

Step 1 – Problems – Identify Highest Hazards

PRI = Sum of the weighted scores of five factors

PRI = Probability(30%)+ Impact(30%)+ Extent(20%)+ WarningTime(10%)+ Duration(10%)

- Hazard Rankings based on PRIs
 - PRI 0.0-2.3 = Low
 - PRI 2.4-2.9 = Medium
 - PRI 3.0-4.0 = High



Mitigation Strategy: Linking Problems With Solutions

		-			7	Гable 3a.22				-		
				S		ults for Loch Arbour	. Village of					
					, , , , , , , , , , , , , , , , , , , ,	Category/Deg						
Hazard	Probability	PROBABILITY INDEX VALUE	Impact	IMPACT INDEX VALUE	Spatial Extent	S PATIAL INDEX VALUE	Warning Time	WARNING INDEX VALUE	Duration	DURATION INDEX VALUE	PRI Score	Hazard Ranking
Atmospheric Hazards												
Extreme Temperatures	Highly Likely	4	Minor	1	Large	4	More than 24 hours	1	Less than one week	3	2.7	М
Extreme Wind	Highly Likely	4	Limited	2	Large	4	More than 24 hours	1	Less than 24 hours	2	2.9	М
Hurricane & Tropical Storm	Likely	3	Catastrophic	4	Large	4	More than 24 hours	1	Less than one week	3	3.3	Н
Lightning	Highly Likely	4	Minor	1	Negligible	1	Less than 6 hours	4	Less than 6 hours	1	2.2	L
Nor'easter	Highly Likely	4	Limited	2	Large	4	More than 24 hours	1	Less than one week	3	3.0	Н
Tornado	Likely	3	Catastrophic	4	Negligible	1	Less than 6 hours	4	Less than 6 hours	1	2.8	М
Winter Storm	Highly Likely	4	Minor	1	Large	4	More than 24 hours	1	Less than one week	3	2.7	M
Hydrologic Hazards												
Coastal Erosion	Likely	3	Catastrophic	4	Negligible	1	More than 24 hours	1	Less than one week	3	2.7	М
Dam Failure	0	#N/A	Catastrophic	4	Negligible	1	Less than 6 hours	4	Less than 6 hours	1	#N/A	#N/A
Drought	Possible	2	Minor	1	Large	4	More than 24 hours	1	More than one week	4	2.2	L
Flood	Likely	3	Critical	3	M oderate	3	6 to 12 hours	3	Less than one week	3	3.0	н
Storm Surge	Likely	3	Catastrophic	4	Large	4	More than 24 hours	1	Less than one week	3	3.3	н
Wave Action	Likely	3	Catastrophic	4	Negligible	1	More than 24 hours	1	Less than one week	3	2.7	М
Geologic Hazards												
Earthquake	Unlikely	1	Minor	1	Large	4	Less than 6 hours	4	Less than 6 hours	1	1.9	L
Landslide	0	#N/A	Catastrophic	4	Negligible	1	Less than 6 hours	4	Less than 6 hours	1	#N/A	#N/A
Other Natural Hazards												
Wildfire	Unlikely	1	Minor	1	Negligible	1	Less than 6 hours	4	Less than one week	3	1.5	L

^{*} Please refer to your handouts for your community's specific results



Mitigation Strategy: Linking Problems With Solutions

Step 2 - Problems - Understand Key Risks

Key Risk Findings

					namer of PSI Re	Table 3s.22 raits for Lech Asben	Village of					
						Category De						
Harsel	Pekaliky	PROBABILITY PORXYALIE	Imper	MENCT POEX VALUE	Spetial Extract	SPATESL PODEX VALUE	WarningTime	WARNING INDEX VALUE	Dantin	BURATION INDEXVALUE	793 Score	Harned Ranki
noogheric Hazards												
ilense Temperatures	Highly Likely	4	More	- :	Lay	4	More than 24 hours	1	Les Saxon reck	3	27	M
three Field	Highly Likely	-	Cannot	2	Lap	-	Non-third 24 hours	-	Les Ban 24 hours	2	29	M
gening	Highly Likely	- 4	Mean	1	Netgijile	-	Less than 6 hours	4	Less than Shows	-	2.3	ı.
er'essiler erasile	Highly Likely Libely	-	Catamorbic	2	Lay		Name than 28 hours	1	Less Sonore real	1	3.0 2.8	
Inne Som	MalyLady	- 4	Mear	-	Neglighte Large	-	May the 34 hours	1	Less than con neek	1	27	
desingle Harnets												
estal Traxion	Libry	3	Catarophic	- 4	Negligible	1	Months Miles	1	Less flux our rook	3	2.7	M
ka Fallur	0	HNA	Catartoglik	4	Negligible	- 1	Less than 6 kmm	4	Less than Flories	1	#NA	MUJA
reght and	Prestric		3-Seor Convol		Laye		Size than 21 large.	_	Salar that on vest		2.3	-
and Supe	Likely		Cataroghic	4	Lag	- 1	Non-third St house		Les facce red.	3		
ine Action	Lifely)	Cataroghie	4	Neglgkie	1	35m the 31 leve	1	Less thus one work)	27	M
eologic Hazards												
ethquia	Dallady		3-Seor		Lay	4	Less than 6 hours	4	Less than filterary		υ	L
mdide	0	KNA	Catatrophic	- 4	Netghi	1	Les tion 6 hours	4	Leatherthorn	1	ENA	m/A
ther Natural Hazards												
ida	Dallady		3-deor	- 1	Nedghie	- 1	Less than 6 hours	4	Less Stations week	j	15	L.
Mitigation Strate	gy: Mitigate	Highest Haza	ards									
lor'easters, Hun				antod throug	h addroccine	component	hazards of floor	ding wind cur	n coactal oroci	on and wave	action	
ioi easters, riuri	icalies & IIU	picai storins	will be illiu	gateu tilioug	ii auui essiiil	component	ilazaius di Ildui	uilig, willu, suit	c, cuastai ei usi	oii, aiiu wave	action.	
ey Risk Finding:	5:											
Deal Lake conti	nues to be a	maior source	of flooding	in the Villag	e. During se	vere storms. v	water drains int	to the Lake but	outfall design o	onstraints pre	vent the wa	ter from m
oods back into						,						
OUUS DACK IIILO	Surrounding	dieds.										
Sedimentation	and debris ir	Deal Lake ar	d its tribut	aries impede	s flood flow	S.						
Loch Arhour is i	n a reach of t	he LISACE Sea	Rright to N	Manasquan I	Vew Jersey	Reach Frosion	Control Projec	t that has neve	r been construc	ted The proje	ect area cove	rs the 21 n
							,			icu. me proj		15 (110 221
hree miles of sh	oreline from	Lake Takana	see in Long	Branch sout	n through De	ai, Allennursi	, and Loch Arbi	our to the Deal	Lake outfall.			
Loch Arbour's p	onulation is	nrnierted to r	omain virtu	ally static th	rough 2040	Ry the year 70	MO it is project	tad to have a no	nulation increa	ice of only 4.5	% over 2010	values Th
vhole (29%) and	also lower t	han the Coun	ty's overall	projected in	crease of 10.	6% for that sa	me time perio	d. This is becau	se the Village is	fully built-or	it and any de	velopmen
During Hurrican	e Sandy Oce	an Avenue w	as undermi	ined in the v	icinity of an	ncean front tr	act at its horde	r with Ashury P	ark A nrivate h	each club on t	his tract was	heavily da
lub, and on the					,							
						isition. The vi	liage views thi	s property as ar	i ideal location i	ror a snore pr	otection proj	ect; it is w
eal Lake and un	dermined O	cean Avenue	in the vicin	ity of this pn	operty.							
All of Loch Arbo	ur is within i	mapped storn	n surge haz	ard areas.								
					n of only 10	Leonidonto (oking it the !	et nonulate d	mmunituir **	nmouth C	atul Itica	ight blo -!:
Loch Arbour's c									ommunity in Mc	onmouth Cou	ntyj.it is an e	ignt block
he Atlantic Ocea	an on the eas	t, and Elbero	n AVenue a	long most of	its northern	border. The	Village is fully	built out.				
Sea level rise a	nd climate ch	ange will co	ntribute to	more freque	nt and sever	e flooding an	d surge events	over a larger ar	ea.			
limate change												
annate triange	wiii collillibu	re ro more m	equeill dilu	severe wed	mer events.							

^{*} Please refer to your handouts for your community's specific results

Step 3 – Solutions: Develop Projects to Solve the Problems

- Updated Mitigation Strategies = Solutions to the Problems (actions and projects addressing the Highest Hazards and Key Risks)
 - OLD projects that are carrying forward (Worksheet 5)
 ...and...
 - NEW projects you have identified



Mitigation Strategy: Linking Problems With Solutions

Step 3 – Solutions: Develop Projects to Solve the Problems

What is Mitigation?

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



Mitigation elevated home by the river





Mitigation property acquisition



Preparedness & Response purchase of a police command vehicle

👺 FEMA Region II

RiskMAP



Step 3 – Solutions: Develop Projects to Solve the Problems

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

13

Q&A

FEMA Region II

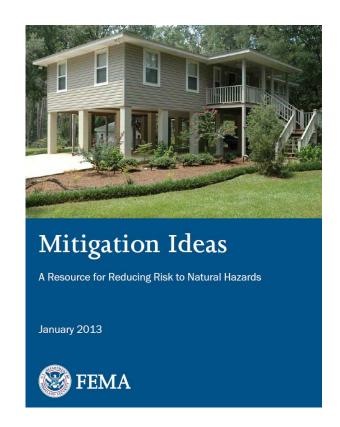
RiskMAP



Mitigation Strategy: Linking Problems With Solutions

Step 3 – Solutions: Develop Projects to Solve the Problems

Excellent resource:
 FEMA's <u>Mitigation Ideas</u>



Step 3 – Solutions: Develop Projects to Solve the Problems

- You must have a 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



Step 4 – Solutions: Document Your Projects on Worksheet # 7

One Worksheet 7 for each project on your list

	Action Worksheet
Your plan name	Monmouth County Multi-jurisdictional Hazard Mitigation
Your community name	
Community action number	
	Assessing the Risk
Hazard(s) addressed	
Risk finding	
	Describing the Action
Action category	
Action type	
Action description	
Existing, future &/or NA	
	Evaluating the Action
Losses avoided	_
(i.e., benefits)	
Cost estimate	
Cost effectiveness	
(i.e., benefit/cost)	
Technical	
Political	
Legal	
Environmental	
Social	
Administrative capability	
Local champion	
Other community	
objectives	
	Implementing the Action
Priority	
Local planning mechanism	
Responsible party	
Potential funding sources	
Time line	
	Reporting on Progress
Action progress status	

^{*} Handout from FEMA's April 2013 Workshop



Mitigation Strategy: Linking Problems With Solutions

* EXCEL SUBMITTALS ONLY *

	Action Worksheet
Your plan name	Monmouth County Multi-jurisdictional Hazard Mitigation
Your community name	
Community action number	
	Assessing the Risk
lazard(s) addressed	
Risk finding	
	Describing the Action
Action category	
Action type	
Action description	
xisting, future &/or NA	
	Evaluating the Action
Losses avoided	
i.e., benefits)	
Cost estimate	
Cost effectiveness	
i.e., benefit/cost)	
echnical	
Political	
Legal	
Environmental	
Social	
Administrative capability	
ocal champion	
Other community	
bjectives	
	Implementing the Action
riority	
ocal planning mechanism	
esponsible party	
otential funding sources	
ime line	
	Reporting on Progress
Action progress status	, 5 5

^{*} Handout from FEMA's April 2013 Workshop

Worksheet 7

<u>Fields</u>

Described

	Action Worksheet
Your plan name	Monmouth County Multi-Jurisdictional Hazard Mitigation Plan
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	- How effective will the action be at protecting lives and preventing injuries?
(i.e., benefits)	- 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	- Do the losses avoided outweigh the cost of the action?
(i.e., benefit/cost)	- 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	- Does the action further other community objectives, such as capital improvements,
objectives	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 W	orksheet: Floodproof Structures
Your plan name	County A Hazard Mitigation Plan
Your community name	Village E
Community action number	Village E#1
	Assessing the Risk
Hazard(s) addressed	Flood
Risk finding	Downtown area averages property damage of about \$100,000 per year
	and business interuptions of 5 days per year.
	Describing the Action
Action category	Structure/infrastructure projects
Action type	Floodproofing
Action description	Floodproof 10 businesses in the downtown area
Existing, future &/or NA	Addresses existing structures
	Evaluating the Action
Losses avoided	City's cost to repair flooded properties reduced by 90%; approximate
(i.e., benefits)	saving of \$10,000 per year.
Cost estimate	Floodproofing cost = \$10,000 X 10 = \$100,000
Cost effectiveness	With savings of \$10,000 per year, and a cost of \$100,000, floodproofing
(i.e., benefit/cost)	pays for itself in 10 years. (In addition, flood insurance premiums may be
	reduced through an improved CRS rating.)
Technical	Technically feasible. Flooding problem in downtown area solved for the
	long-term; community's problem of business interruption solved.
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 involvesminimal
	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 at least 3 people to administer (after technical assistance from the
	State)
Local champion	Possibly from business community
Other community	Supports Village economic development plan
objectives	
	Implementing the Action
Priority	High
Local planning mechanism	Floodplain Ordinance
Responsible party	Village E (Public Works)
Potential funding sources	Floodproofing cost = \$10,000 X 10 = \$100,000
Time line	HMGP, RFC, SRL and FMA. For 25% local match, in-kind services.
	1 year
Action progress status	New action proposed in 2012

Worksheet 7

Multi-Jur.

Example

Action Worksheet:

	de Multi-hazard Public Education
Your plan name	County A Hazard Mitigation Plan
Your community name	County A and Municipalities B-G
Community action number	Countywide # 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	County A and municipalities B-G: will set up a Countywide Committee
rionen description	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
	webpage on its website. Municalities B-G: provide a direct link to this
	webpage on their websites.
	, 9
	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	Public awareness will build support for mitigation, encourage
(i.e., benefits)	homeowners to create a demand for better construction practices and
, ,	reduce avoidable injuries and emergencies
Cost estimate	\$12,500
Cost effectiveness	The economic benefits of education-outreach make the benefits of this
(i.e., benefit/cost)	action outweigh the other minor costs. This is a low-cost action that can
, , , , , , , , , , , , , , , , , , , ,	
	be easily implemented.
Technical	be easily implemented. Technically feasible. Building public awareness has been proven to
Technical	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk
Technical Political	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues
Technical	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for
Technical Political Legal	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues
Technical Political Legal Environmental	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts
Technical Political Legal	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides
Technical Political Legal Environmental Social	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups
Technical Political Legal Environmental	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination
Technical Political Legal Environmental Social Administrative capability	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low.
Technical Political Legal Environmental Social Administrative capability Local champion	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college
Technical Political Legal Environmental Social Administrative capability Local champion Other community	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college Some of these education activities may be eligible for credit under the
Technical Political Legal Environmental Social Administrative capability Local champion	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college Some of these education activities may be eligible for credit under the Community Rating System and so they could lead to lower flood
Technical Political Legal Environmental Social Administrative capability Local champion Other community	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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.
Technical Political Legal Environmental Social Administrative capability Local champion Other community	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college Some of these education activities may be eligible for credit under the Community Rating System and so they could lead to lower flood
Technical Political Legal Environmental Social Administrative capability Local champion Other community	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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 High N/A
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives Priority	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives Priority Local planning mechanism	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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 High N/A
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives Priority Local planning mechanism	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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 High N/A County and municipal OEMs with assistance from (a) County Planning
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives Priority Local planning mechanism	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk. No apparent political issues. Action is legal and educational efforts have been used previously for messages on public safety and welfare issues. No adverse environmental effects from outreach efforts. Does not adversely affect any particular social group. Provides education to all social groups. Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college. 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 High N/A County and municipal OEMs with assistance from (a) County Planning Dept and GIS; (b) Municipality Planning Depts, Public Information
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives Priority Local planning mechanism	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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 High N/A 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
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives Priority Local planning mechanism Responsible party	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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 High N/A 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.
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives Priority Local planning mechanism Responsible party Potential funding sources	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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 High N/A 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. Education foundations 1 year
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives Priority Local planning mechanism Responsible party Potential funding sources Time line	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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 High N/A 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. Education foundations I year Reporting on Progress
Technical Political Legal Environmental Social Administrative capability Local champion Other community objectives Priority Local planning mechanism Responsible party Potential funding sources	be easily implemented. Technically feasible. Building public awareness has been proven to reduce risk No apparent political issues Action is legal and educational efforts have been used previously for messages on public safety and welfare issues No adverse environmental effects from outreach efforts Does not adversely affect any particular social group. Provides education to all social groups Administrative costs of collecting and distributing data and coordination effort considered low. Possibly from public school system, library or local community college 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 High N/A 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. Education foundations 1 year



Reminder: Continue Outreach to the Public and Other Stakeholders

- Discuss at regularly scheduled board/council meetings
- Targeted outreach to 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
- See Guidance Memo 1 for more info
- Document your activities in the Outreach Log



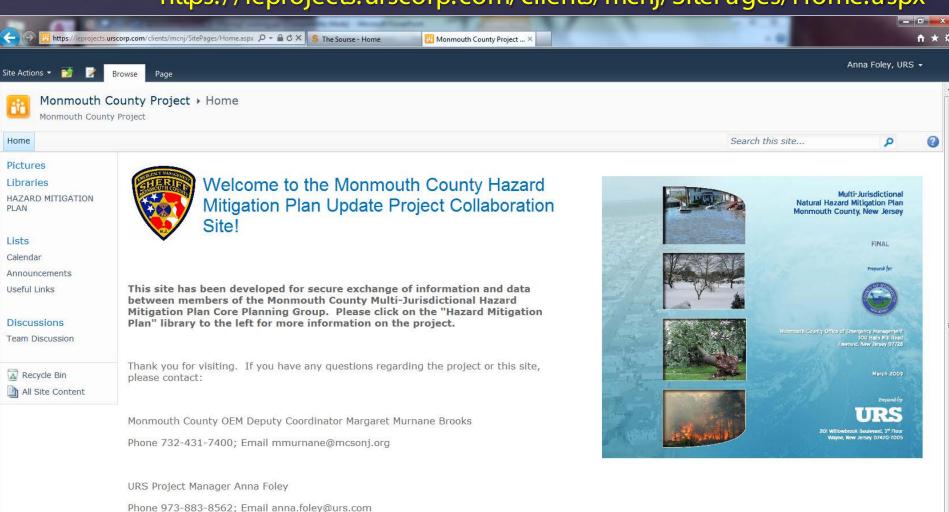
Using Facebook as a Component of Outreach Efforts





SharePoint Site

https://ieprojects.urscorp.com/clients/mcnj/SitePages/Home.aspx





Questions?



Contact Information

