

Mitigation Action Tracker (MAT)



**MAT IS PART OF FEMA'S TOOLBOX FOR
RISKMAP & MITIGATION PLANNING**

IS A FEMA WEB BASED TOOL
[HTTP://MAT.MSC.FEMA.GOV/](http://mat.msc.fema.gov/)

USE BY: REGIONS, STATES AND LOCAL
OFFICIALS

USED TO: **CAPTURE** → **STORE** → **ORGANIZE** →
TRACK MITIGATION ACTIONS

MAT Fact Sheet:

http://www.starr-team.com/starr/RegionalWorkspaces/RegionV/StarkeCountyIN_Countywide/Resilience%20Materials/Resilience%20Fact%20Sheet_Mitigation%20Action%20Tracker.pdf



The Mitigation Action Tracker

When local officials understand risk from flooding and other hazards, the community and county is in a better position to identify potential mitigation actions that can reduce that risk to its citizens and property.

To support in the collection and tracking of local hazard mitigation actions, FEMA has developed a national web-based collection tool known as the Mitigation Action Tracker. The Mitigation Action Tracker serves as a valuable tool for your community and county serving as a single source to capture and organize mitigation actions at any stage from proposed actions to funded projects. Registered users have the ability to add new actions, remove old actions, or update the status of an action as it changes over time. Through collaboration between communities, counties, the State, and FEMA new actions can be identified and existing actions may be improved upon. In addition, funding and collaboration opportunities to implement mitigation actions may be identified.

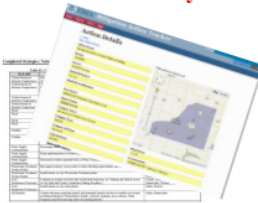
Mitigation Action Tracker and Your Community?

Think about your community or county ...

What does it currently need to do to reduce its flood risk?

How does your community or county track the actions it needs to take?

And how does your community or county monitor the progress of those actions?



What Can the Mitigation Action Tracker Capture?

Types of Mitigation Actions

- 1) Local Plans and Regulations
- 2) Community Identified Programs
- 3) Structure and Infrastructure Projects

For ideas regarding mitigation action your community or county could consider, please visit <http://www.fema.gov/hazard-mitigation-planning-resources>

Does your community or county need to update its floodplain ordinances, establish setbacks, or designate a floodplain administrator?

Does your community or county need to develop local funding mechanisms or provide incentives for reducing risk?

Does your community or county need to stabilize a stream bank, conduct debris remove, replace a culvert or raise a low-lying bridge?

PURPOSE

- Identify Areas of Mitigation Interest (AoMI) and actions
- Document & Organize mitigation activities
- Communicate progress on mitigation activities
- Identify point(s) of contact for each mitigation action



FEMA uses the Mitigation Action Form and Mitigation Action Tracker website to document and track local mitigation needs and actions.



For more information on the Mitigation Action Tracker or to register, please visit <http://fema.starr-team.com/About.aspx>

RiskMAP
Increasing Resilience Together

www.fema.gov/plan/prevent/fhm/rm_main.shtm · 1-877-FEMA MAP



Why use the Mitigation Action Tracker?

The Mitigation Action Tracker is a free web based tool with interactive map that enables multiple users to search, view, enter and update mitigation actions, ideas or projects. All the Mitigation Action Trackers requires is a computer, internet access and an email address to register and start recording your community's or county's mitigation ideas and projects. Registered users can update the status of their mitigation projects throughout the project lifecycle using the Mitigation Action Tracker. The Mitigation Action Form can be downloaded from <http://fema.starr-team.com/MAF-Form.pdf> Simply use the forms to collect the data at any meeting and enter it into the Mitigation Action Tracker afterwards.

Data captured will provide stakeholders and communities access to valuable mitigation information that can be leveraged by future planning or other risk reduction efforts. These actions help communities and counties prepare for potential disaster and develop a long-term strategy to reduce disaster losses.

Additionally, information your community or county provides may also be used a reference and aid in planning for other groups and agencies such as:

- FEMA's Hazard Mitigation Grants Staff
- State Hazard Mitigation Officers and Planners
- Army Corps of Engineers Silver Jacket teams

Mitigation Grant Opportunities

<http://www.fema.gov/hazard-mitigation-grant-program>

State Hazard Mitigation Officers Directory

<http://www.fema.gov/about/contract/shmo.shtm>

Actions identified on the Mitigation Action Form and in the Mitigation Action Tracker do not obligate or commit your community or county to an action

Using Mitigation Action Tracker

Community and County officials, such as the floodplain administrator, public works director, utility director, land use planning director and other community and county staff are encouraged to register for access to the Mitigation Action Tracker and record areas of mitigation concern and current and proposed mitigation projects.

- 1) Register/Create New Account at <http://fema.starr-team.com/About.aspx>

- 2) Add New Action

Select your community or county from the drop-down menu to the right of the map viewer. Check box your community and select the green **"Add Mitigation Action"** button. An interactive Mitigation Form will open. Simply record the mitigation action or project using a series of selections and drop downs.

- 3) Search for Existing Action

Below the map viewer under **"Mitigation Action Data"**, search for your community using the **"Search"** box on the right.

Did your community or county participate in a Resilience Meeting in IN, MN, or MI in 2012? If so, contact Jennifer Anticknap at jennifer.anticknap@starr-team.com with your name and community info and the existing mitigation actions will be transferred to you to oversee, edit, and update over its life cycle.

RiskMAP
Increasing Resilience Together

www.fema.gov/plan/prevent/fhm/rm_main.shtm · 1-877-FEMA MAP

The Mitigation Action Tracker

Helping communities mitigate



FEMA DESIGNED AND **COMMUNITY UTILIZED**

TO PROVIDE :

- A **SOURCE** FOR MITIGATION IDEAS;
- A **RESOURCE** FOR TRACKING ACTIONS THAT CAN BE CREDITED TO RISKMAP;
- A **SEARCHABLE DATABASE** THAT CAN BE UPLOADED INTO GIS TO PUT A PICTURE, WITH DESCRIPTIVE DATA, TO THE MITIGATION ACTIONS;
- AN **INVENTORY** OF MITIGATION ACTIONS, USED BY FEMA AS A *METRIC* FOR MITIGATION ACTIONS.

Home page of the Action Tracker: <http://mat.msc.fema.gov/> To create an account:

The screenshot displays the FEMA Mitigation Action Tracker interface. At the top, the header reads "FEMA Mitigation Action Tracker" with a "Log In" button. Below this is a navigation bar with links for "Home", "Charts", "Reports", "Admin", "Ideas", and "Help".

The main content area is titled "Create a New Account". It features a secondary header with the FEMA logo and the text "FEMA Mitigation Action Tracker". On the right side of this header, there is a welcome message "Welcome mjr@illinois.edu!" and buttons for "Profile", "Change Password", and "Log Out".

Below the header is another navigation bar with "Home", "Charts", "Reports", "Admin", "Ideas", and "Help" links, along with a "Flags" button. A prominent red button labeled "Mitigation Action Form" is also visible.

The central part of the page is a search interface for "Search for a Place". It includes a search box with the placeholder text "Search for a place on the map" and a "Get communities in current view" button. Below the search box are links for "Hide Menu" and "Hide Advanced Search Options".

To the left of the map, there are several filter options:

- States and Regions:** A dropdown menu currently set to "National".
- County:** A dropdown menu labeled "Select a County".
- Watershed:** A dropdown menu labeled "Select a Watershed", with a "Sort by: Code Name" option.

Below these filters is a table with the following columns: "Community", "Population (2010)", and "Approved Actions". The table currently contains a single row with the text "Select a Location from the options above".

At the bottom left of the search area, there is a "+ Add Mitigation Action" button.

The right side of the page features a map of the United States. The map is titled "Action Analysis" and has a "Map Source" dropdown menu. The map shows state boundaries and names, with a "Filter: National" label above it. The map data is attributed to "©2014 Google, INEGI" and includes a "Terms of Use" link.

Pull-down menu to navigate to State and Region and then to a County or a Watershed.

Site navigation

pdf

FEMA Mitigation Action Tracker

Welcome mjr@illinois.edu!
Profile Change Password Log out

Home Charts Reports Admin Ideas Help

Search for a Place
E.g. Boulder County
Search for a place on the map
« Hide Menu Hide Advanced Search Options
Get communities in current view

Filter: National

Map Source

States and Regions: Illinois

County: LAKE

Watershed sort by: Code Name
Select a Watershed

<input type="checkbox"/>	LAKE BLUFF, VILLAGE OF	5,743	0
<input checked="" type="checkbox"/>	LAKE COUNTY *	108,549	7
<input type="checkbox"/>	LAKE FOREST, CITY OF	19,375	2
<input type="checkbox"/>	LAKE VILLA, VILLAGE OF	8,721	0
<input type="checkbox"/>	LAKE ZURICH	12,921	1

+ Add Mitigation Action

Mitigation Action Data

Show All Show My Entries Show Approved Entries

Show 10 entries

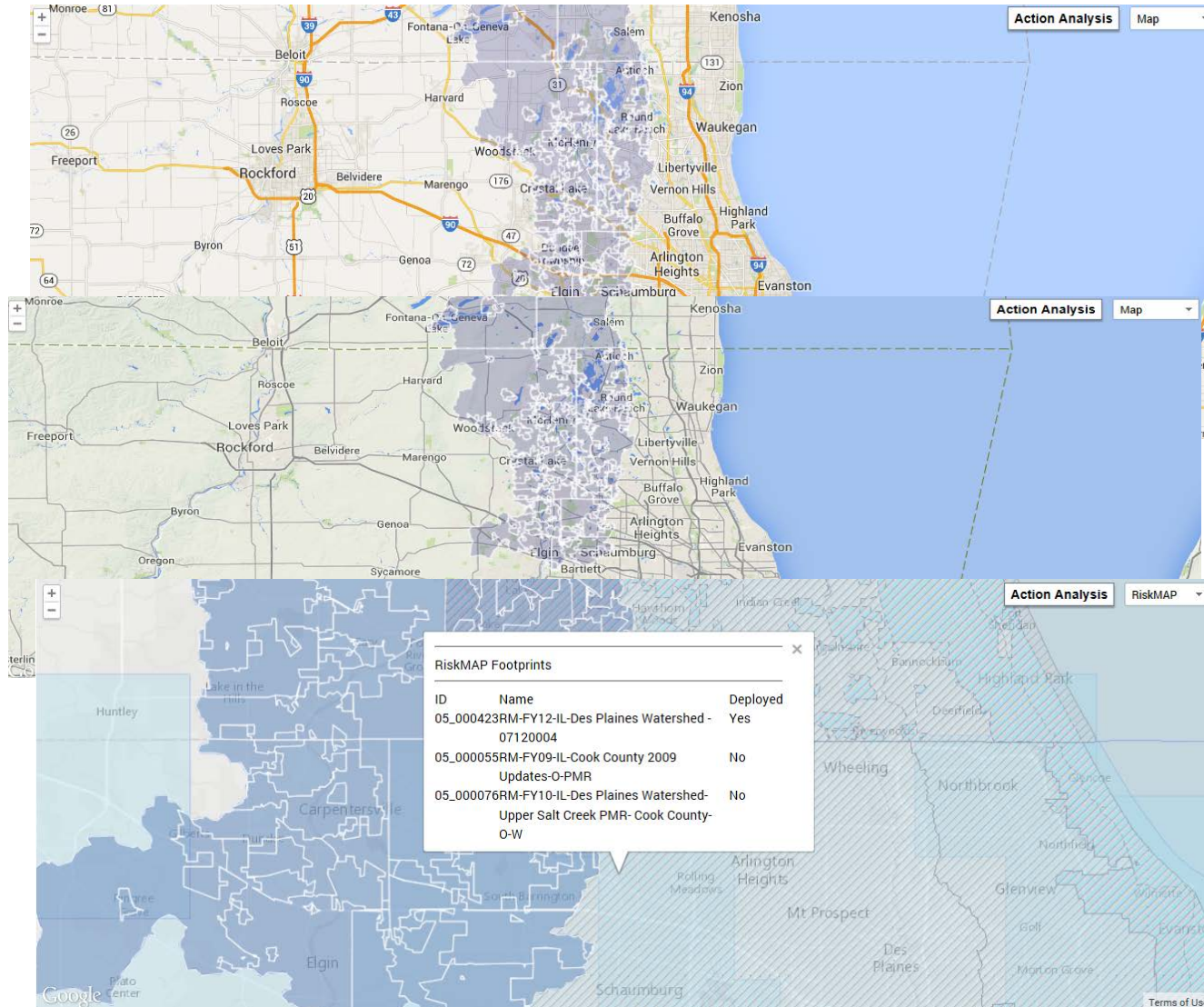
Showing 1 to 7 of 7 entries (filtered from 7,364 total entries)

Search: Lake County

First Previous 1 Next Last

Region	State	Community	Action Name	Population	Hazard	Category (Type)	Status	Source
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Source Map options



Map Source: Map

Map Source: Map with terrain

Map Source: RiskMAP

Upper Fox River WS- Village of Algonquin, McHenry County

Search for a Place

E.g. Boulder County

[Hide Menu](#) [Hide Advanced Search Options](#)

[Get communities in current view](#)

States and Regions

Illinois

County

MCHENRY

Watershed Sort by: Code Name

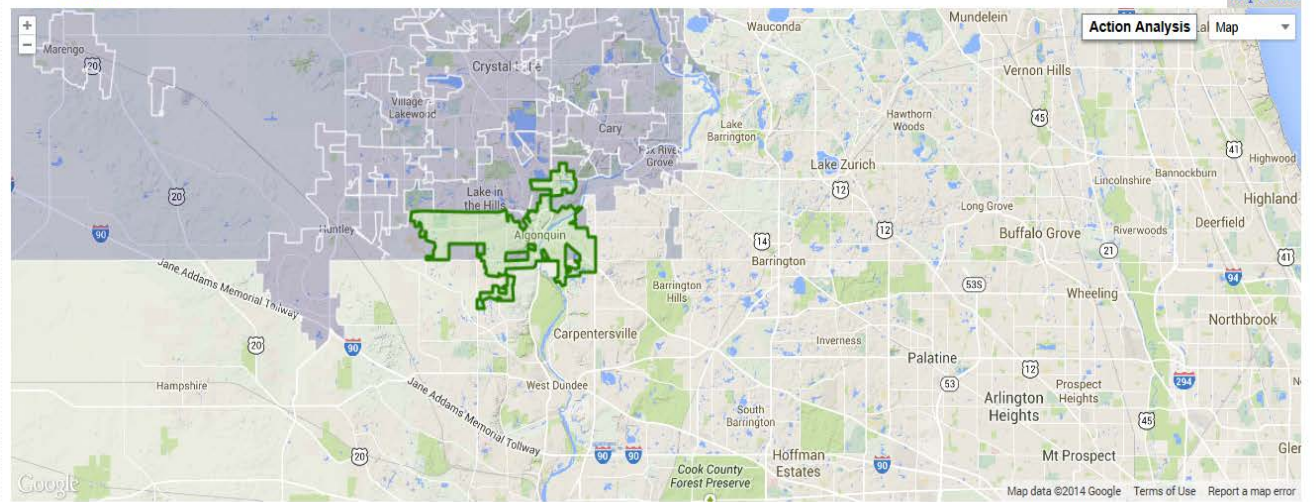
Select a Watershed

Select All | Deselect All | Population selected: 26,407

Community	Population (2010)	Approved Actions
<input checked="" type="checkbox"/> ALCONQUIN, VILLAGE OF	26,407	1
<input type="checkbox"/> BULL VALLEY, VILLAGE OF	561	0
<input type="checkbox"/> CARY, VILLAGE OF	15,757	2
<input type="checkbox"/> CRYSTAL LAKE, CITY OF	39,443	3

[+ Add Mitigation Action](#)

Filter: National



Mitigation Action Data

[Show All](#) [Show My Entries](#) [Show Approved Entries](#)

Show 10 entries

Showing 1 to 1 of 1 entries (filtered from 7,064 total entries)

Search:

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

Region	State	Community	Action Name	Population	Hazard	Category (Type)	Status	Source
05	Illinois	Algonquin, Village Of	Enlarge Box Culverts/Elevate Road	26,407	Flood	Structure and Infrastructure Projects (Flood Control/Management)	Identified	RiskMAP Process

Village of Algonquin- Enlarge box culvert/ elevate the road

FEMA Mitigation Action Tracker

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Flags

Action Details

[<< Back](#)
[View Action History](#)

Action Name:	Enlarge Box Culverts, Elevate Road
Status:	Identified
Influenced by the RiskMAP Process:	Yes
Source:	RiskMAP Process
RiskMAP Justification:	
Plan Name:	
Hazard Name:	Flood
Category Name:	Structure and Infrastructure Projects
Category Type:	Flood Control, Management
Category SubType:	Culvert Expansion, Modification
Contact Title:	Assistant Public Works Director
Contact Name:	Michele Zimmerman
Responsible Agency:	Other
Estimated Cost (Min):	(\$9,999)
Estimated Cost (Max):	(\$9,999)
Estimated Duration (Min):	2 Years
Estimated Duration (Max):	3 Years
Primary Funding Source:	Other
Funding Source Type:	
Additional Details:	Flooding on overtopped Woods Creek Lane due to undersized box culverts that need to be replaced. In order to totally solve the problem the road should also be elevated once the box culverts are replaced. Estimated duration, cost, funding source, funding sub-category, community contact and Responsible

This action is Approved

Population: 26,407

COMMUNITIES: ALGONQUIN, VILLAGE OF (170474), ILLINOIS

Name of Person who Identified Action:

Title of Person who Identified Action:

Date when Action was Identified:

Action Flags

Flags added here serve a notes on this particular action. Only one flag per user per action is permitted. To add a flag, click on the "Add Flag" button and fill out the username and note fields. If you add a flag for a user besides yourself, they will receive an e-mail notification alerting them of the flag.

[Add Flag](#)

Upper Fox WS- City of Elgin, Kane County

Search for a Place

E.g. Boulder County

[Hide Menu](#) [Hide Advanced Search Options](#)

Get communities in current view

[Mitigation Action Form](#)

States and Regions

Illinois

County

KANE

Watershed

Select a Watershed

Watershed	Population	Count
<input type="checkbox"/> EAST DUNDEE, VILLAGE OF	2,715	0
<input type="checkbox"/> ELBURN, VILLAGE OF	4,534	0
<input checked="" type="checkbox"/> ELGIN, CITY OF	95,555	1
<input type="checkbox"/> GENEVA, CITY OF	21,240	0
<input type="checkbox"/> GILBERTS, VILLAGE OF	6,369	0

[+ Add Mitigation Action](#)

Filter: National



Mitigation Action Data

[Show All](#) [Show My Entries](#) [Show Approved Entries](#)

Show entries

Showing 1 to 3 of 3 entries (filtered from 7,064 total entries)

Search:

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

	Region	State	Community	Action Name	Population	Hazard	Category (Type)	Status	Source
More Info	05	Illinois	South Elgin, Village Of	Elevate Street	24,677	Flood	Structure and Infrastructure Projects (Elevation)	Identified	RiskMAP Process
More Info	05	Illinois	Elgin, City Of	Replacement of Culverts	95,555	Flood	Structure and Infrastructure Projects (Flood Control/Management)	Identified	RiskMAP Process

City of Elgin: Replacement of culverts

Action Details

[<< Back](#)
[View Action History](#)

Action Name:
 Replacement of Culverts

Status:
 Identified

Influenced by the RiskMAP Process:
 Yes

Source:
 RiskMAP Process

RiskMAP Justification:
 Action was ID'd during a RiskMAP meeting

Plan Name:

Hazard Name:
 Flood

Category Name:
 Structure and Infrastructure Projects

Category Type:
 Flood Control/Management

Category SubType:
 Culvert Expansion/Modification

Contact Title:
 Public Works Director

Contact Name:
 Colby Basham

Responsible Agency:
 Other

Estimated Cost (Min):
 (\$0.000)

Estimated Cost (Max):
 (\$0.000)

Estimated Duration (Min):
 1 Years

Estimated Duration (Max):
 2 Years

Primary Funding Source:
 Other

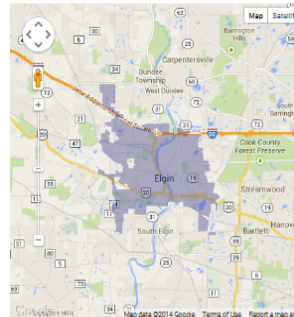
Funding Source Type:

Additional Details:
 Repair/replace culverts that act as pinch points under St. Charles Street, Royal Boulevard, Laurel Street, and Villa Street. Estimated duration, cost, funding source, funding sub-category, and responsible agency are unknown at this time and depend on the decisions made by the community concerning the project.

Precise Location:
 N/A

Created By:

This action is **Approved**



Population:
 95,555

Communities:
 ELGIN, CITY OF (190087), ILLINOIS

Name of Person who Identified Action:

Title of Person who Identified Action:

Date when Action was Identified:

Action Flags

Flags added here serve as notes on this particular action. Only one flag per user per action is permitted. To add a flag, click on the "Add Flag" button and fill out the username and note fields. If you add a flag for a user besides yourself, they will receive an e-mail notification alerting them of the flag.

[Add Flag](#)

Upper Fox WS- Village of Carpentersville, Kane County

FEMA Mitigation Action Tracker

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Flags

Search for a Place
e.g. Boulder County

[Hide Menu](#) [Hide Advanced Search Options](#)

Get communities in current view

Filter: National
Map Source

Action Analysis

Map

States and Regions

Illinois

County

KANE

Watershed Set by Code Name

Select a Watershed

<input type="checkbox"/>	CAMPION HILLS, VILLAGE OF	8,704	1
<input checked="" type="checkbox"/>	CARPENTERSVILLE, VILLAGE OF	87,806	4
<input type="checkbox"/>	EAST DUNDEE, VILLAGE OF	2,716	0
<input type="checkbox"/>	ELBURN, VILLAGE OF	4,604	0
<input type="checkbox"/>	ELGIN, CITY OF	95,555	1
<input type="checkbox"/>	GENEVA, CITY OF	21,240	0

+ Add Mitigation Action

Mitigation Action Data

[Show All](#) | [Show My Entries](#) | [Show Approved Entries](#)

Showing 10 entries

Search: Carpentersville

First Previous Next Last

	Region	State	Community	Action Name	Population	Hazard	Category (Type)	Status	Source
More Info	08	Illinois	Carpentersville, Village Of	Site Study / Map Update	87,806	Flood	Local Planning and Regulations (Zoning & Ordinances)	Identified	RiskMAP Process
More Info	08	Illinois	Carpentersville, Village Of	Floodplain Remapping Project	87,806	Flood	Local Planning and Regulations (Zoning & Ordinances)	Identified	Other
More Info	08	Illinois	Carpentersville, Village Of	Carpenter Creek Stream Bank Stabilization	87,806	Flood	Structure and Infrastructure Projects (Flood Control/Management)	Identified	RiskMAP Process
More Info	08	Illinois	Carpentersville, Village Of	Storm Sewer Replacement	87,806	Flood	Structure and Infrastructure Projects (Flood Control/Management)	Identified	RiskMAP Process

ILLINOIS STATE WATER SURVEY
 PRAIRIE RESEARCH INSTITUTE

11

Village of Carpentersville : Stream bank stabilization

Action Details

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Action Name:
Carpenter Creek Stream Bank Stabilization

Status:
Identified

Influenced by the RiskMAP Process:
Yes

Source:
RiskMAP Process

RiskMAP Justification:
Action was ID'd during a RiskMAP meeting

Plan Name:

Hazard Name:
Flood

Category Name:
Structure and Infrastructure Projects

Category Type:
Flood Control/Management

Category Sub Type:
Other

Contact Title:
Consulting Engineer

Contact Name:
Ajay Jain

Responsible Agency:
Other

Estimated Cost (Min):
(\$0.000)

Estimated Cost (Max):
(\$0.000)

Estimated Duration (Min):
8 Years

Estimated Duration (Max):
10 Years

Primary Funding Source:
Other

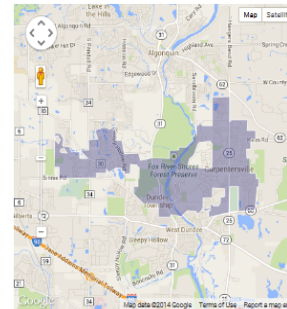
Funding Source Type:

Additional Details:
Significant erosion along the stream bank. Mitigation Action: Stream bank Stabilization. Estimated duration, cost, funding source, funding sub-category, community contact and Responsible Agency are unknown at this time and depend on the decisions made by the community concerning the project.

Precise Location:
N/A

Created By:
hubbartm@illinois.edu*7/22/2013
Hubbart, Pat

This action is **Approved**



Population:
27,206

Communities:
CARPENTERSVILLE, VILLAGE OF (170322), ILLINOIS

Name of Person who Identified Action:

Title of Person who Identified Action:

Date when Action was Identified:

Action Flags

Flags added here serve a notes on this particular action. Only one flag per user per action is permitted. To add a flag, click on the "Add Flag" button and fill out the username and note fields. If you add a flag for a user besides yourself, they will receive an e-mail notification alerting them of the flag.

[Add Flag](#)

Upper Fox WS- Lake County

[Mitigation Action Form](#)

Search for a Place
E.g. Boulder County

[Hide Menu](#) [Hide Advanced Search Options](#)

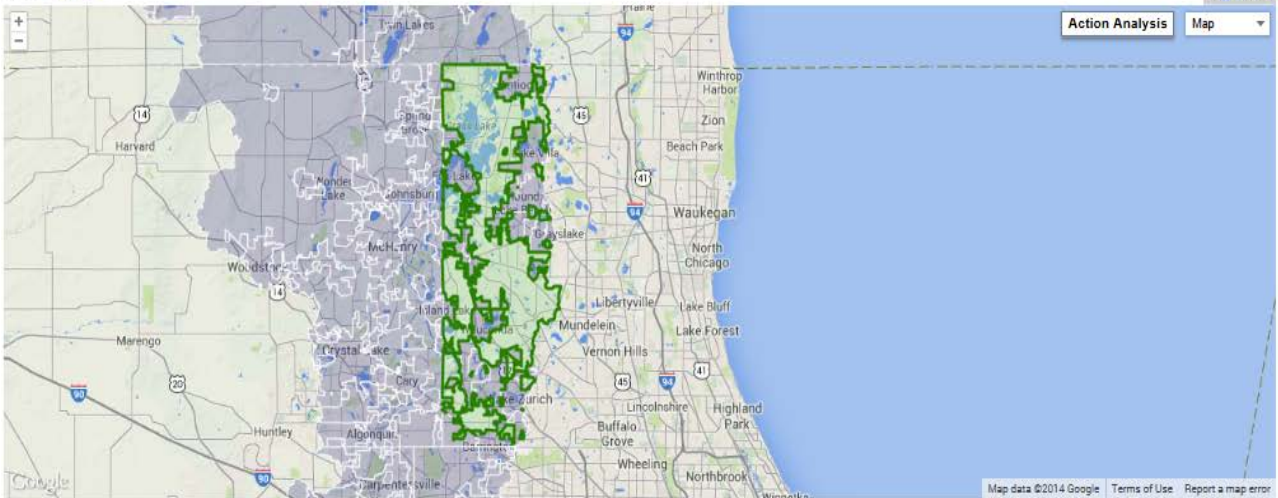
States and Regions

County

Watershed Sort by: Code Name

Community	Population	Count
<input type="checkbox"/> EAST DUNDEE, VILLAGE OF	2,715	0
<input type="checkbox"/> CARPENTERSVILLE, VILLAGE OF	27,306	4
<input type="checkbox"/> GILBERTS, VILLAGE OF	6,369	0
<input checked="" type="checkbox"/> LAKE COUNTY *	108,549	7
<input type="checkbox"/> HAMPSHIRE, VILLAGE OF	4,395	0
<input type="checkbox"/> SLEEPY HOLLOW, VILLAGE OF	3,292	3

Filter: National



Map Source:

Map data ©2014 Google [Terms of Use](#) [Report a map error](#)

Mitigation Action Data

[Show All](#) [Show My Entries](#) [Show Approved Entries](#)

Show entries

Showing 0 of 0 of 0 entries (filtered from 7,026 total entries)

Search: [First](#) [Previous](#) [Next](#) [Last](#)

Region	State	Community	Action Name	Population	Hazard	Category (Type)	Status	Source
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Lake County: Stream gauge installation on Fox River near Cary, IL. (Flood warnings are currently initiated by flood stage at New Munster, WI)

FEMA Mitigation Action Tracker

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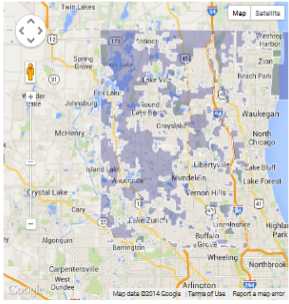
Home | [Charts](#) | [Reports](#) | [Admin](#) | [Ideas](#) | [Help](#)
Flags

Action Details

[← Back](#)
[View Action History](#)

Action Name:	Stream gauge installation
Status:	Identified
Influenced by the RiskMAP Process:	Yes
Source:	RiskMAP Process
RiskMAP Justification:	
Plan Name:	
Hazard Name:	Flood
Category Name:	Structure and Infrastructure Projects
Category Type:	Flood Control/Management
Category SubType:	Other
Contact Title:	Permit Engineer
Contact Name:	Bob Gardiner
Responsible Agency:	Other
Estimated Cost (Min):	(\$0.000)
Estimated Cost (Max):	(\$0.000)
Estimated Duration (Min):	5 Years
Estimated Duration (Max):	10 Years
Primary Funding Source:	Other
Funding Source Type:	
Additional Details:	A gauge is needed on the Fox River just south of the Wisconsin border and near Cary, IL. Lake County flood warnings are currently initiated by flood stage at New Munster, Wisconsin. Estimated duration, cost, funding source, funding sub-category, and responsible agency are unknown at this time and depend on the decisions made by the community concerning the project.
Precise Location:	N/A
Created By:	

This action is Approved



Population: 108,849

Community: LAKE COUNTY (100037), ILLINOIS

Name of Person who Identified Action:

Title of Person who Identified Action:

Date when Action was Identified:

Action Flags

Flags added here serve a notes on this particular action. Only one flag per user per action is permitted. To add a flag, click on the "Add Flag" button and fill out the username and note fields. If you add a flag for a user besides yourself, they will receive an e-mail notification alerting them of the flag.

[Add Flag](#)

[nat.msc.fema.gov/Default.aspx](#)

Kane County– Overtopping of Welsh Creek east of Elburn

Action Details

[<< Back](#)

[View Action History](#)

Action Name:
 Overtopping of Welsh Creek East of Elburn, along railroad.

Status:
 Identified

Influenced by the RiskMAP Process:
 Yes

Source:
 RiskMAP Process

RiskMAP Justification:

Plan Name:

Hazard Name:
 Flood

Category Name:
 Structure and Infrastructure Projects

Category Type:
 Flood Control/Management

Category SubType:
 Culvert Expansion/Modification

Contact Title:
 Superintendent of Public Works

Contact Name:
 John Nevenhaven

Responsible Agency:
 Other

Estimated Cost (Min):
 (\$0,000)

Estimated Cost (Max):
 (\$0,000)

Estimated Duration (Min):
 0 Years

Estimated Duration (Max):
 1 Years

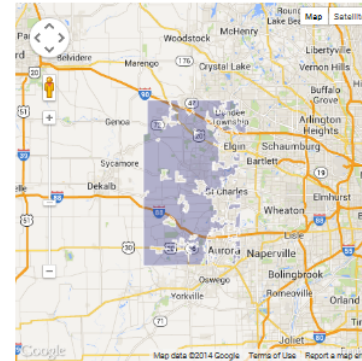
Primary Funding Source:
 Other

Funding Source Type:

Additional Details:
 Insufficient capacity to carry stormwater from north side of Union Pacific Railroad to Welsh Creek. Stormwater pipe is too small (6") to carry enough water during significant rain events. Estimated duration, cost, funding source, funding sub-category and Responsible Agency are unknown at this time and depend on the decisions made by the community concerning the project.

Precise Location:

This action is **Approved**



Population:
 108,769

Communities:
 KANE COUNTY * (170896), ILLINOIS

Name of Person who Identified Action:
 John Nevenhaven

Title of Person who Identified Action:
 Superintendent of Public Works

Date when Action was Identified:
 11/10/2010

Action Flags

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[Add Flag](#)

Non-electronic FEMA Mitigation Action Form- pdf download <http://fema.starr-team.com>

Mitigation Action Form

Purpose and Help

This form is meant to assist the collection of Mitigation Actions.

Online Mitigation Action Collection:
<http://fema.starr-team.com>

State Hazard Mitigation Officers Directory:
<http://www.fema.gov/about/contact/sthmo.stm>

Your Information

Please enter the primary contact associated with this Mitigation Action.

1. Full Name *Required*
Please provide your full name, e.g.: Michael Smith

2. Email Address *Required*
Please provide your email address, e.g.: example@example.com

3. Your Title and Organization *Required*
Please provide your relevant title and organization as it applies to this form, e.g.: Floodplain Administrator, City of Boulder, Colorado.

FEMA Mitigation Action Collection Form
Version 6/4/2012

Mitigation Action Information

Below please enter information as it directly applies to the mitigation action you are discussing.

4. Jurisdiction Name(s) *Required*
Please provide the full name of the jurisdiction where the Mitigation Action applies, e.g.: City of Boulder, CO

9. Hazard Type *Required*
Select the main type of hazard affected by this Mitigation Action. Check/circle only one.

<input type="checkbox"/> Erosion	<input type="checkbox"/> Hurricane	<input type="checkbox"/> Tornado
<input type="checkbox"/> Extreme Temperatures	<input type="checkbox"/> Landslide	<input type="checkbox"/> Tsunami
<input type="checkbox"/> Dam/Levee Failure	<input type="checkbox"/> Lightning	<input type="checkbox"/> Wildfire
<input type="checkbox"/> Drought	<input type="checkbox"/> Severe Winter Storms	<input type="checkbox"/> Wind
<input type="checkbox"/> Earthquake	<input type="checkbox"/> Storm Surge	<input type="checkbox"/> Multiple Hazards
<input type="checkbox"/> Flood	<input type="checkbox"/> Subsidence	<input type="checkbox"/> Other _____
<input type="checkbox"/> Hill		

10. Mitigation Category *Required*
Select the type of Mitigation effort being undertaken.

Local Plans and Regulations
These activities include government administration influence the way land and buildings are developed into such activities is one of the most effective.

Structure and Infrastructure Projects
These actions involve modifying existing structures, hazard or remove them from a hazard area.

Community Identified Program
These are community efforts to reduce risk.

11. Category Type and Subtype *Required*
Please see Part B, Reference Sheets for applicable filing out this form. More complete and accurate.

Type: _____

12. Mitigation Action Commitment *Required*
Please indicate the level of commitment associated. Mitigation Commitment seeks to clarify if the action maintains or strengthening something the community seeks to "Strengthen Existing" flood ordinances.

Maintain Existing
 Strengthen Existing
 Add New

FEMA Mitigation Action Collection Form
Version 6/4/2012

FEMA Mitigation Action Collection Form
Version 6/4/2012

13. Responsible Agency *Required*
Please indicate the Agency that will be responsible for this Mitigation Action. Check/circle only one.

<input type="checkbox"/> Building Code Department	<input type="checkbox"/> Planning
<input type="checkbox"/> Community Development	<input type="checkbox"/> Public Works
<input type="checkbox"/> Emergency Management	<input type="checkbox"/> State DOT
	<input type="checkbox"/> Other _____

14. Estimated Project Span
Enter the estimated start and completion of the project. Please use the mm/dd/yyyy format.

Mitigation Action Form

Part B : Reference Sheet

Use for answering Question 11.

Local Plans and Regulations	Structure and Infrastructure Projects
<ul style="list-style-type: none"> • Building Codes <ul style="list-style-type: none"> ○ Enforcement ○ International Building Code ○ International Residential Code ○ Higher Standards ○ Post Disaster Code Enforcement ○ Other _____ • Capital Improvement Plan • Coastal Zone Management • Comprehensive Plan • Easements • Floodplain Management • Master Plan • Open Space Preservation • Setbacks • Stormwater Management • Subdivision Ordinance • Zoning • Other _____ 	<ul style="list-style-type: none"> • Acquisition • UMI Albedo Enhancement • Elevation <ul style="list-style-type: none"> ○ Structure ○ Utilities ○ Other _____ • Flood Control/Management <ul style="list-style-type: none"> ○ Culvert ○ Bridge Expansion ○ Detention Basin ○ Dams ○ Drainage Improvements ○ Green Roofs ○ Jetties ○ Levees ○ Permeable Paving ○ Rain Gardens ○ Revelements ○ Sewalls ○ Other _____ • Forest or Vegetation Management • Natural Systems <ul style="list-style-type: none"> ○ Beach Nourishment ○ Dune Rehabilitation/Protection ○ Ground Water Recharge ○ Sediment Trapping Vegetation ○ Wetlands Restoration ○ Other _____ • Retrofits <ul style="list-style-type: none"> ○ Structural ○ Non-Structural ○ Other _____ • Safe Room Construction • Soil Stabilization or Erosion Control <ul style="list-style-type: none"> ○ Steep/Grading ○ Vegetation ○ Terracing ○ Rip Rap ○ Geotextile Fabric • Underground Utilities • Other _____

Community Identified Program

- Funding Mechanisms for Local Risk Reduction
- Incentives for Local Risk Reduction
- Mitigation Program
 - Fire Protection
 - Stream Maintenance
 - Tree Management
 - Other _____

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Funding Types
Use for answering Question 17.

<p>Community</p> <ul style="list-style-type: none"> • Bonds • General Funds • Tax Levies • Other _____ <p>Private Sector, including Foundations</p> <p>Regional Water Management District</p> <p>County</p> <p>State</p> <p>FEMA</p> <ul style="list-style-type: none"> • PA • PCAM • HMGAP • FMA • SRL • BEC • Other _____ 	<p>Other Federal Agency</p> <ul style="list-style-type: none"> • HUD • BLM • EPA • DOT • BA • NOAA • USGS • NRCS • Other _____ <p>Property Owner</p> <p>Other _____</p>
--	--

FEMA Mitigation Action Collection Form
Version 6/4/2012

Illinois State Water Survey
Prairie Research Institute



Data Output: Mitigation Action Charts

FEMA Mitigation Action Tracker

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[Flags](#)

Search for a Place
E.g. Boulder County

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Mitigation Action Form

States and Regions

States and Region

County

Watershed Sort by:

Select All | Deselect All | **Community**

ILLINOIS

Mitigation Action Charts

Data displayed below is live data reported from the Mitigation Action Tracker database and within communities. As you refine your search area, from Region to State throughout the nation and is not meant for detailed analysis or reporting. If you

Currently, these charts are being filtered to the following level:
National :: Illinois

Hazards Addressed by Actions

Below is the number of hazards addressed by approved and active mitigation actions aggregated by their hazard type and grouped by their geographic region. Results are limited to the top 15 records.

Filtered on Illinois

Actions by Status Type

Per state, the number of approved and active mitigation actions aggregated by their current status. Results are limited to the top 15 records.

Filtered on Illinois

Actions by Category

Per state, the number of approved and active mitigation actions aggregated by their indicated Category. Results are limited to the top 15 records.

Filtered on Illinois

Actions by Agency

Per state, the number of approved and active mitigation actions aggregated by their indicated Responsible Agency. Results are limited to the top 15 records.

Filtered on Illinois

Actions by Primary Funding Source

Per state, the number of approved and active mitigation actions aggregated by their indicated Primary Funding Source. Results are limited to the top 15 records.

Filtered on Illinois

[+ Add Mitigation Action](#)

Data Output: Reports

FEMA Mitigation Action Tracker

Reports Admin Ideas Help

Mitigation Action Tracker Reporting

Select a report

- Select -
- Summary of Actions
- Risk MAP Deployment
- Risk MAP Actions Identified
- Risk MAP Actions Advanced
- Available Population
- Raw Database Output
- Regional Database Output
- Communities By Watershed
- State Level Actions
- Risk Map Communities By Region
- Risk Map Communities By State

Mitigation Action and RiskMAP Measures

This report shows all the communities, co

County Name	Community Name	Plan Name	Action Name	State
Responsible Agency				
Additional Detail				
KIPDA Regional Hazard Mitigation Plan				
ANCHOR ESTATES - ANCHOR ESTS PS 1 & 2 PS ELIMINATIONS				
Public Works				
ANCHOR ESTATES - ANCHOR ESTS PS 1 & 2 PS ELIMINATIONS Ac				
KIPDA Regional Hazard Mitigation Plan				
LUCAS LN PS INLINE STORAGE				
Public Works				
LUCAS LN PS INLINE STORAGE Action: Metropolitan Sewer District - 1				
Total Communities: 0				
Total Counties: 0				
Total States: 0				
NEW HAMPSHIRE				
GRAFTON				

- *Excel spreadsheets
- Raw Data Output
- Regional Database Output

Submit and Manage Mitigation Actions

Admin tab: requires administrative access (mat.msc.fem.gov)

Manage Submitted Mitigation Actions

Region

State

[Show All](#) [Show Approved](#) [Show Unapproved](#)

Show entries

Search:

Showing 1 to 8 of 8 entries (filtered from 8,848 total entries)

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

Action	Region	State	Community	Action Name	Hazard	Category (Type)	Status	Source	Created
<input type="checkbox"/> More Info Edit	05	Illinois	Ottawa, City Of	Wastewater Treatment Plant Levee Project	Flood	Structure and Infrastructure Projects <small>(Flood Control/Management)</small>	Scoped	Other	hubbartt@illinois.edu 4/25/2014
<input type="checkbox"/> More Info Edit	05	Illinois	Ottawa, City Of	Raising the Ottawa High School Levee	Flood	Structure and Infrastructure Projects <small>(Flood Control/Management)</small>	Scoped	RiskMAP Process	hubbartt@illinois.edu 4/25/2014
<input type="checkbox"/> More Info Edit	05	Illinois	Ottawa, City Of	Central School buyout	Flood	Structure and Infrastructure Projects <small>(Acquisition)</small>	Completed	RiskMAP Process	hubbartt@illinois.edu 4/25/2014
<input type="checkbox"/> More Info Edit	05	Illinois	Ottawa, City Of	Fox River bank erosion at River Walk	Erosion	Natural Systems <small>(Soil Stabilization or Erosion Control)</small>	Scoped	RiskMAP Process	mjr@illinois.edu 3/28/2014
<input type="checkbox"/> More Info Edit	05	Illinois	Ottawa, City Of	WWTP flood wall	Flood	Structure and Infrastructure Projects <small>(Flood Control/Management)</small>	Scoped	RiskMAP Process	mjr@illinois.edu 4/1/2014
<input type="checkbox"/> More Info Edit	05	Illinois	Ottawa, City Of	Green Street Elevation Project	Flood	Structure and Infrastructure Projects <small>(Elevation)</small>	Scoped	RiskMAP Process	hubbartt@illinois.edu 4/25/2014
<input type="checkbox"/> More Info Edit	05	Illinois	Ottawa, City Of	Ottawa Regional Hospital flood protectio...	Flood	Structure and Infrastructure Projects <small>(Flood Control/Management)</small>	Scoped	RiskMAP Process	hubbartt@illinois.edu 4/25/2014
<input type="checkbox"/> More Info Edit	05	Illinois	Ottawa, City Of	Structure buyouts in the "Flats"	Flood	Structure and Infrastructure Projects <small>(Acquisition)</small>	Completed	RiskMAP Process	hubbartt@illinois.edu 4/25/2014

Submitting a mitigation action - having selected the State\Region, County \ Watershed, select the community\county of interest (Village of Algonquin.).

FEMA Mitigation Action Tracker

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 Carpenterville
 Hide Menu | Hide Advanced Search Options
 Get communities in current view

States and Regions
 Wisconsin

County
 Select a County

Watershed Sort by: Code Name
 07120006: Upper Fox

Community	Population (2010)
<input type="checkbox"/> HAMPSHIRE, VILLAGE OF	4,195
<input type="checkbox"/> SLEEPY HOLLOW, VILLAGE OF	3,292
<input type="checkbox"/> SOUTH ELGIN, VILLAGE OF	21,577
<input type="checkbox"/> WEST DUNDEE, VILLAGE OF	5,269
<input checked="" type="checkbox"/> ALGONQUIN, VILLAGE OF	26,407
<input type="checkbox"/> KANE COUNTY *	108,769
<input type="checkbox"/> PINGREE GROVE, VILLAGE OF	88

+ Add Mitigation Action

Mitigation Action Data
 Show All | Show My Entries | Show Approved Entries
 Show 10 entries
 Showing 0 of 0 of 0 entries (filtered from 7,026 total entries)

Region	State	Community

New Mitigation Action

Mitigation Action Form

Intro Step 1 Step 2 Review Finish

This form is used to create or edit mitigation actions. Please fill out the form as completely as possible, required fields are annotated as such. If you select "Other" for any of the categories please explain in Additional Details under Step 2. The currently selected communities associated with the action are:

Community	Population (2010)
ALGONQUIN, VILLAGE OF	26,407

Sum of Community Population(s) Associated with this Mitigation Action: 26,407

Action	Hazard	Status	Created By	Last Modified
Enlarge Box Culverts/Elevate...	Flood	Identified	hubbart@illinois.edu	7/24/2013

More Info

Map Source

Spring Creek Valley Forest Preserve
 Palatine
 Arlington Heights
 Schaumburg

Search: Algonquin
 First Previous Next Last

Category (Type) Status Source

Back Next Cancel

Intro

Step 1

Step 2

Review

Finish



FEMA Mitigation Action Tracker

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Search for a Place
 E.g. Boulder County

[Hide Menu](#) [Hide Advanced Search Options](#)
[Get communities in current view](#)

States and Regions

County

Watershed Sort by Code Name

 HAMPSHIRE, VILLAGE OF 4,195 0
 SLEEPY HOLLOW, VILLAGE OF 3,292 3
 SOUTH ELGIN, VILLAGE OF 21,877 1
 WEST DUNDEE, VILLAGE OF 6,169 0
 ALGONQUIN, VILLAGE OF 26,407 1
 KANE COUNTY 108,769 9
 PINGREE GROVE, VILLAGE OF 83 0
[+ Add Mitigation Action](#)

Mitigation Action Data
[Show All](#) [Show My Entries](#) [Show Approved Entries](#)
 Show entries
 Showing 0 to 0 of 0 entries (filtered from 7,026 total entries)

Region	State	Comm
--------	-------	------

New Mitigation Action

Mitigation Action Form

Intro Step 1 Step 2 Review Finish

Mitigation Activity Name ^{Req}
 Please enter the Mitigation Activity Name ⁱ

Mitigation Action Status ^{Req}
 Please indicate the current status of the Mitigation Action ⁱ
 Identified
 Scoped
 In Progress
 Completed

Hazard Type ^{Req}
 Select the hazards affected by this Mitigation Action ⁱ
 Dam/Levee Failure
 Drought
 Earthquake
 Erosion
 Extreme Temperatures

Mitigation Activity Precise Location
 Please enter a specific Latitude and Longitude ⁱ
 Lat Long

RiskMAP Process
 Please indicate if this action arose or was identified during the RiskMAP Process
 Yes, this was influenced by the RiskMAP Process

Mitigation Action Source ^{Req}
 Please indicate the source of this Mitigation Action ⁱ
 Capital Improvement Plan
 Comprehensive Land Use Plan
 FMA Plan
 HMA Database
 Local Natural Hazard Mitigation Plan

Mitigation Plan Name
 Please enter the name of the Mitigation Plan that covers this
 Mitigation Activity ⁱ

Contact Title
 The relevant Title of the primary local contact for this action

Contact Name
 The name of the primary local contact for this action

[Back](#) [Next](#) [Cancel](#)

Map Source

Action Analysis Map

Search:
[First](#) [Previous](#) [Next](#) [Last](#)

Category (Type)	Status	Source
-----------------	--------	--------

Search for a Place

E.g. Boulder County

Carpenterville

[Hide Menu](#) [Hide Advanced Search Options](#)

Get communities in current view

States and Regions

Wisconsin

County

Select a County

Watershed Sort by: Code Name

07120006: Upper Fox

<input type="checkbox"/>	HAMPSHIRE, VILLAGE OF	4,395	0
<input type="checkbox"/>	SLEEPY HOLLOW, VILLAGE OF	3,292	3
<input type="checkbox"/>	SOUTH ELGIN, VILLAGE OF	21,677	1
<input type="checkbox"/>	WEST DUNDEE, VILLAGE OF	6,369	0
<input checked="" type="checkbox"/>	ALCONQUIN, VILLAGE OF	26,407	1
<input type="checkbox"/>	KANE COUNTY *	108,769	4
<input type="checkbox"/>	PINGREE GROVE, VILLAGE OF	83	0

+ Add Mitigation Action

Mitigation Action Data

[Show All](#) [Show My Entries](#) [Show Approved Entries](#)

Show 10 entries

Showing 0 of 0 entries (filtered from 7,026 total entries)

Region	State	Comm
--------	-------	------

New Mitigation Action

Mitigation Action Form



Responsible Agency ^{*Req}

Please indicate the Agency that will be responsible for this

- Mitigation Action
- Building Code Department
 - Community Development
 - Emergency Management
 - Fire Department
 - Planning

Mitigation Category ^{*Req}

Select the type of Mitigation effort being undertaken

- Local Planning and Regulations
- Natural Systems
- Structure and Infrastructure Projects

Category Type

Please select the type of activity based on the Mitigation Category

Category Sub-Type

Please select the subtype of activity based on the Category Type

Identified by Name ^{*Req}

Name of Person who Identified Action

Identified By

Estimated Duration ^{*Req}

Please select the approximate duration for the project.

Estimated Cost

Enter the estimated cost for the project

Primary Funding Source ^{*Req}

Please indicate the expected funding source for the project

- Community
- USACE
- County
- Development Impact Fees
- FEMA

Funding Sub-Category

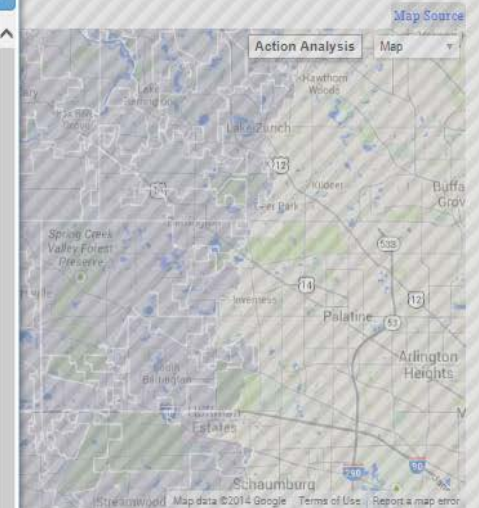
Please indicate the expected funding source sub-category

Additional Details

If you would like to enter additional information, please fill in the text box below.

Additional Details

[Back](#) [Review](#) [Cancel](#)



Search: Algonquin

[First](#) [Previous](#) [Next](#) [Last](#)

Category (Type)	Status	Source
-----------------	--------	--------

Review- summary detail sheet



Action Details

[<< Back](#)

Action Name:
Ditch Work

Status:
Identified

Influenced by the RiskMAP Process:
Yes

Source:
RiskMAP Process

RiskMAP Justification:
Action was ID'd during a RiskMAP meeting

Plan Name:

Hazard Name:
Flood

Category Name:
Structure and Infrastructure Projects

Category Type:
Flood Control/Management

Category Sub-Type:
Drainage Improvements

Contact Title:
Consulting Engineer

Contact Name:
Jeff Steale

Responsible Agency:
Other

Estimated Cost (Min):
(\$0.000)

Estimated Cost (Max):
(\$0.000)

Estimated Duration (Min):
1 Years

Estimated Duration (Max):
2 Years

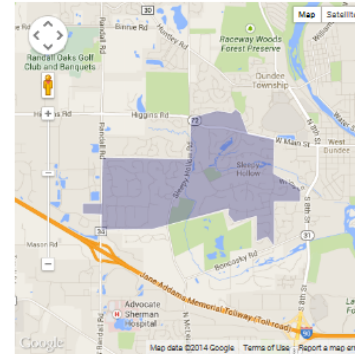
Primary Funding Source:
Other

Funding Source Type:

Additional Details:
Overtopping occurs during heavy rains at the intersection of Locust and Hillcrest. Surrounding ditches need to be dredged and enlarged to improve drainage conditions. Estimated duration, cost, funding source, funding sub-category, community contact and Responsible Agency are unknown at this time and depend on the decisions made by the community concerning the project.

Precise Location:

This action is **Approved**



Population:
3,202

Communities:
SLEEPY HOLLOW, VILLAGE OF (170333), ILLINOIS

Name of Person who Identified Action:

Title of Person who Identified Action:

Date when Action was Identified:

Action Flags

Flags added here serve as notes on this particular action. Only one flag per user per action is permitted. To add a flag, click on the "Add Flag" button and fill out the username and note fields. If you add a flag for a user besides yourself, they will receive an e-mail notification alerting them of the flag.

[Add Flag](#)

FEMA-Mitigation Action Ideas

17 Action Ideas for reducing risk to natural hazards

The screenshot displays the FEMA Mitigation Action Tracker website. At the top, there is a navigation bar with 'Home', 'Ideas', and 'Help' links. A red arrow points to the 'Ideas' link. The main content area is titled 'Ideas' and contains a grid of 17 action idea cards. Each card has a title, a small icon, and a brief description. The cards are arranged in three rows: the first row has 7 cards, the second row has 7 cards, and the third row has 3 cards. The first card, 'Mitigation Action Ideas', is highlighted with a yellow background. The descriptions for each card refer to specific sections of the document, such as 'Multiple Hazards', 'Drought', 'Earthquake', etc.

Search for
 E.g. Boulder
 Search

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Flags

Mitigation Action Form
 Welcome mj@illinois.edu!
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Flags

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Ideas

The purpose of the Mitigation Ideas document is to be a resource that communities can use to identify and evaluate a range of potential mitigation actions for reducing risk to natural hazards and disasters. The focus of this document is mitigation, which is action taken to reduce or eliminate long-term risk to hazards. Ideas for mitigation actions are presented for the following natural hazards:

Action Ideas

States
 National

County
 Select a

Watersh
 Select a

Cor

Select a Lo

+ Add M

Mitig

Map Source

Not
 Affair
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Terms of Use

Mitigation Action Ideas
 A resource that communities can use to identify and evaluate a range of potential mitigation actions for reducing risk to natural hazards and disasters.

Drought
 Drought Mitigation Ideas
 See the section entitled **Multiple Hazards** for other possible ideas.

Earthquake
 Earthquake Mitigation Ideas
 See the section entitled **Multiple Hazards** for other possible ideas.

Erosion
 Erosion Mitigation Ideas
 See the sections entitled **Subsidence, Landslide, and Multiple Hazards** for other possible ideas.

Flood
 Flood Mitigation Ideas
 See the sections entitled **Storm Surge, Erosion, and Multiple Hazards** for other possible ideas.

Hail
 Hail Mitigation Ideas
 See the section entitled **Multiple Hazards** for other possible ideas.

Landslide
 Landslide Mitigation Ideas
 See the sections entitled **Erosion, Subsidence, and Multiple Hazards** for other possible ideas.

Lightning
 Lightning Mitigation Ideas
 See the section entitled **Multiple Hazards** for other possible ideas.

Wildfire
 Wildfire Mitigation Ideas
 See the section entitled **Lightning, Extreme Temperatures, Drought, and Multiple Hazards** for other possible ideas.

Tornado
 Tornado Mitigation Ideas
 See the sections entitled **Severe Wind and Multiple Hazards** for other possible ideas.

Tsunami
 Tsunami Mitigation Ideas
 See the section entitled **Flood, Storm Surge, and Multiple Hazards** for other possible ideas.

Storm Surge
 Storm Surge Mitigation Ideas
 See the section entitled **Flood and Multiple Hazards** for other possible ideas.

Subsidence
 Subsidence Mitigation Ideas
 See the section entitled **Landslide, Erosion, and Multiple Hazards** for other possible ideas.

Extreme Temperatures
 Extreme Temperature Mitigation Ideas
 See the section entitled **Flood and Multiple Hazards** for other possible ideas.

Sea Level Rise
 Sea Level Rise Mitigation Ideas
 See the section entitled **Flood, Storm Surge, Erosion, and Multiple Hazards** for other possible ideas.

Severe Wind
 Severe Wind Mitigation Ideas
 See the section entitled **Tornado and Multiple Hazards** for other possible ideas.

Multiple Hazards
 Multiple Hazards Mitigation Ideas
 For other possible ideas see the other sections on various Natural Hazards.

Severe Winter Weather
 Severe Winter Weather Mitigation Ideas
 See the section entitled **Extreme Temperatures and Multiple Hazards** for other possible ideas.



Mitigation Ideas

A Resource for Reducing Risk to Natural Hazards

January 2013



FEMA



Drought

Flood

Tornado

A tornado is a violently rotating column of air that has contact with the ground and is often visible as a funnel cloud. The destruction caused by tornadoes ranges from light to catastrophic depending on the intensity, size, and duration of the storm. Typically, tornadoes cause the greatest damage to structures of light construction, including residential dwellings and particularly manufactured homes. Tornadoes are more likely to occur during the months of March through May and tend to form in the late afternoon and early evening.

Local Planning and Regulation, Structure and Infrastructure Projects, Natural Systems Protection, and Education and Awareness Programs

Local Planning and Regulation

F-1 Incorporate Flood Mitigation in Local Planning

FEMA Resources/Publications
FEMA 100, 268, 473

Compre flooding
• Dete risk
• Flood com
• Deve it reg
• Mity deci
• expd
• Adop regu
• Pass stree
• Esta expd
• Oble priv

F-2 Form Partnerships to Support Floodplain Management

Partner resourc
• Deve disc
• Form reso
and
• Esta floo
• Form mor
repr local



22 Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards

Local Planning and Regulations

F-3 Limit or Restrict Development in Floodplain Areas

FEMA Resources/Publications
FEMA 100, 268, 473

F-4 Adopt and Enforce Building Codes and Development Standards

FEMA Resources/Publications
FEMA 100, 268, P-762

Local Planning and Regulations

F-9 Manage the Flood Beyond Minimum Requirements

FEMA Resources/Publications
FEMA 100, 209, 213, 268, 480;
FIA-15A

F-10 Participate in the C

FEMA Resources/Publications
FEMA 100, 209, 213, 268, 480;
FIA-15A

F-11 Establish Local Funding Mechanisms for Flood Mitigation

26 Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards

Structure and Infrastructure Projects

F-15 Elevate or Retrofit Structures and Utilities

FEMA Resources/Publications
FEMA 54, P-85, 114, P-259, 347,
P-348, P-499

Structures and utilities can be elevated to reduce flood damage, including:

- Elevating structures so that the lowest floor, including the basement, is raised above the base flood elevation.
- Raising utilities or other mechanical devices above expected flood levels.
- Elevating and anchoring manufactured homes or, preferably, keeping manufactured homes out of the floodplain.
- Relocating utilities and water heaters above base flood elevation and using tankless water heaters in limited spaces.

F-16 Floodproof Residential and Non-Residential Structures

FEMA Resources/Publications
FEMA P-55, 114, P-259

Floodproofing techniques may protect certain structures from flood damage, including:

- Wet floodproofing in a basement, which may be preferable to attempting to keep water out completely because it allows for controlled flooding to balance exterior and interior wall forces and discourages structural collapse.
- Encouraging wet floodproofing of areas above base flood elevation.
- Using water resistant paints or other materials to allow for easy cleanup after floodwater exposure in accessory structures or in a garage area below an elevated residential structure.
- Dry floodproofing non-residential structures by strengthening walls, sealing openings, or using waterproof compounds or plastic sheeting on walls to keep water out.



28 Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards

When should mitigation actions be identified and documented?



- Identification and documentation can take place at **any time**.
- Users should **not wait** for resilience meetings, which can be years away from project initiation.

Mitigation Action Tracker



AT COMMUNITY AND STATE LEVEL CAN BE
MORE THAN A METRIC

CAN HELP WITH:

- **COLLABORATION AND BEST PRACTICES**
- **WATERSHED PLANNING**
- **PRE-AND POST- DISASTER PROJECT INVENTORIES**

REMEMBER **MAT** IS A **DYNAMIC DATABASE**
THAT IS BEING UPDATED REGULARLY



ILLINOIS STATE
WATER SURVEY
PRAIRIE RESEARCH INSTITUTE

Pat Hubbartt : hubbartt@illinois.edu
Mary Richardson: mjr@illinois.edu