

Memorandum

To Peoria County Multi-Jurisdictional Multi-Hazard Mitigation Planning Committee (HMPC)
From Cindy Popplewell
Tel / Email (303) 704-8939 / cindy.popplewell@wsp.com
Date December 14, 2022

Subject Minutes from Peoria County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Kickoff Meeting

This memorandum presents the meeting minutes from the December 14, 2022, kickoff meeting for the *Peoria County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update*. It provides an overview of hazard mitigation planning, identification of the planning committee, ideas for public involvement, identification of hazards affecting the communities, and next steps.

Attendees

Last Name	First Name	Organization
Abi-Akar	Reema	Tri-County Regional Planning Commission
Blumenshine	Joyce	Sierra Club
Braun	Andrew	Peoria County
Bruner	Michael	Tri-County Regional Planning Commission
Crider	Beth	Peoria Regional Office of Education
Haines	Cody	Peoria Park District
Krider	Kinga	City of West Peoria
Leach	Tim	Greater Peoria Sanitary District
Learned	Julie	Red Cross
Maroon	Sie	City of Peoria
McLaren	Amy	Peoria County
Mettille	Scott	City of Chillicothe
Nelson	Larry	Bartonville ESDA
Shake	Melody	Heartland Health Services
Urban	Kathi	Peoria County
Weindel	Jack	Peoria County

Introductions

The meeting began by welcoming and thanking the attendees and introductions all around.

Overview of Hazard Mitigation Planning

Cindy Popplewell of WSP presented information on hazard mitigation, the requirements of hazard mitigation planning, and a timeline for the planning process. She explained the benefits of participating in the mitigation plan, including eligibility for federal hazard mitigation assistance. The powerpoint slide show that was used for informational purposes during the meeting is included as Attachment B.

Requirements of Hazard Mitigation Planning

WSP's approach to the Floodplain Management Planning process is structured around FEMA's Local Mitigation Planning Handbook (March 2013); FEMA's Local Mitigation Planning Policy Guide (April 2022); and the Community Rating System's (CRS) Floodplain Management Planning requirements (2017 and 2021 Addendum). See the reference table below. This approach will position Peoria County and participating jurisdictions to seek maximum credit under the CRS Program.

10-Step Mitigation Planning Process

FEMA Planning Elements	FEMA Local Mitigation Planning Handbook Tasks (44 CFR Part 201)	Community Rating System (CRS) Planning Steps (Activity 510)
Element A: Planning Process	Task 1: Determine the Planning Area and Resources	Step 1. Organize
	Task 2: Build the Planning Team 44 CFR 201.6(c)(1)	
	Task 3: Create an Outreach Strategy 44 CFR 201.6(b)(1)	Step 2. Involve the public
	Task 4: Review Community Capabilities 44 CFR 201.6(b)(2) & (3)	Step 3. Coordinate
Element B: Risk Assessment Element G: High Hazard Potential Dams	Task 5: Conduct a Risk Assessment 44 CFR 201.6(c)(2)(i) 44 CFR 201.6(c)(2)(ii) & (iii)	Step 4. Assess the hazard(s)
		Step 5. Assess the problem(s)
Element C:	Task 6: Develop a Mitigation Strategy 44 CFR 201.6(c)(3)(i);	Step 6. Set goals
		Step 7. Review possible activities

FEMA Planning Elements	FEMA Local Mitigation Planning Handbook Tasks (44 CFR Part 201)	Community Rating System (CRS) Planning Steps (Activity 510)
Mitigation Strategy	44 CFR 201.6(c)(3)(ii); and 44 CFR 201.6(c)(3)(iii)	Step 8. Draft an action plan
Element F: Plan Adoption	Task 8: Review and Adopt the Plan	Step 9. Adopt the plan
Element D: Plan Maintenance Element E: Plan Update	Task 7: Keep the Plan Current	Step 10. Implement, evaluate, revise
	Task 9: Create a Safe and Resilient Community 44 CFR 201.6(c)(4)	
Element H: Additional State Requirements		

Communication with the HMPC

Cindy described the role of the Hazard Mitigation Planning Committee (HMPC) during the planning process. Participation in the committee requires:

- Attending and participating in meetings,
- Providing available data requested,
- Reviewing and commenting on plan drafts,
- Advertising and assisting with the public input process, and
- Coordinating the formal adoption.

Attachment C provides an overview for HMPC members. It is anticipated that the HMPC will participate in three planning meetings. Communication between meetings will be handled primarily via email.

Planning for Public Involvement

Potential methods for involving the public in the planning process were discussed in a tiered format geared to inform, educate, and engage the public. Initial thoughts on disseminating public information about the hazard mitigation plan and planning process included posting informational flyers to the community websites and/or Tri-County Regional Planning Commission website, developing a questionnaire for public input, hosting public open house meetings and participating on the HMPC. A public outreach strategy is presented in Attachment D for review.

Risk Assessment and Capabilities Update

WSP will coordinate with Peoria County GIS staff to obtain GIS and mapping data for the risk assessment to include:

- Political boundaries
- Growth/land use maps
- Zoning data
- Parcel data
- Building footprints
- Critical facilities

Update to the Risk Assessment will include information on past occurrences, frequency/likelihood of future occurrences, and changing future conditions. Attendees were provided a data collection guide presenting information on community technical, administrative, and fiscal resources. Attendees were asked to review the data collection guide. WSP staff will reach out directly to each jurisdiction to go collect pertinent information on capabilities. The data collection guide is included as Attachment E.

Mitigation Actions

Attendees were also provided a list of the current mitigation actions for each community. WSP staff will reach out directly to each jurisdiction to get an update on the status of all current mitigation actions (See Attachment F).

Next Steps

HMPC Members/Attendees

- Complete Data Collection Guides and/or participate in one-on-one call with WSP staff.
- Review current Mitigation Actions from previous mitigation plan and provide status update.
- Update websites with public outreach information

WSP


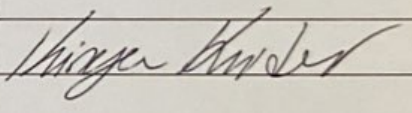
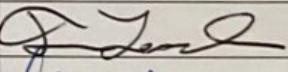
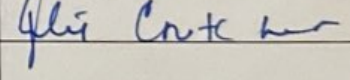
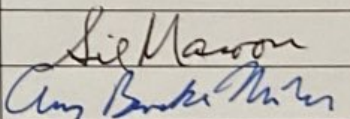
- Prepare Public Outreach Strategy for review – see Attachment D
- Prepare Public Information flyer and questionnaire online for public input
- Prepare outreach letters for Other Stakeholders
- Coordinate with GIS staffing for digital data/Risk Assessment
- Set meetings/calls with City/County Departments for Capability Assessment

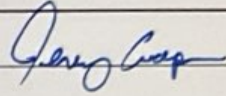
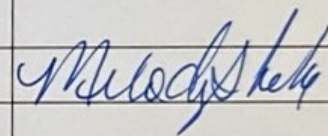
Upcoming Meetings

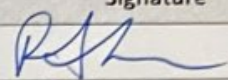
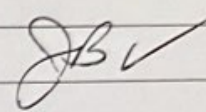
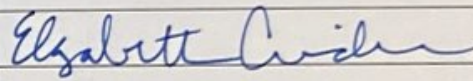
Tentative meeting dates provided below. Meeting invitations will be sent via email to HMPC members.

- January – 18 or 25
 - Public Meeting – Virtual/In-Person Combination – 5:30pm
- February 15th, Wednesday
 - HMPC Meeting – Virtual – 1:30pm
- March 15th, Wednesday
 - HMPC Meeting – In Person – 1:30pm
 - Public Meeting – Virtual/In-Person Combination – 5:30pm

Attachment A – Sign-In Sheets

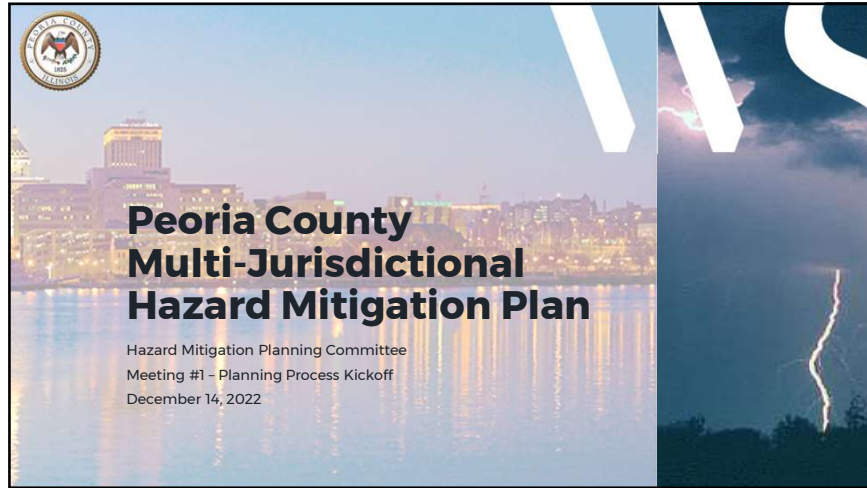
Last Name	First Name	Jurisdiction	Organization	Email	Signature
Abi-Akar	Reema	Stakeholder	Tri-County Regional Planning Commission	rabiakar@tricityrpc.org	
Baylor	Brian	Hanna City	Village of Hanna City	administrator@hannacityil.com	
Blumenshine	Joyce	Stakeholder	Sierra Club	joblumen@yahoo.com	
Braun	Andrew	Peoria County	Peoria County	abraun@peoriacounty.org	
Bruner	Michael	Stakeholder	Tri-County Regional Planning Commission	mbruner@tricityrpc.org	
Callear	John	Stakeholder	Home Builders Association	candlhomes@hotmail.com	
Corrie	Richard	Stakeholder	Lutheran Hillside Village	rick.gorrie@lssliving.org	
Crider	Beth	Stakeholder	Peoria Regional Office of Education	bcrider@peoriaroe.org	
DeWitt	Dorey	Stakeholder	Women's Council of Realtors		
Erbentrout	Troy	Stakeholder	OSF St. Francis	Troy.W.Erbentraut@osfhealthcare.org	
Hathaway	Guy	Stakeholder	American Red Cross	Hathaway_Guy@yahoo.com	
Heiden	Shelly	Stakeholder	Lutheran Hillside Village	shelly.heiden@lssliving.org	
Johnson	Brian	Greater Peoria Sanitary District	Greater Peoria Sanitary District	bjohnson@gpsd.org	
Kirchhofer	Patrick	Stakeholder	Peoria County Farm Bureau	pcfmanager@sbcglobal.net	
Krider	Kinga	West Peoria	City of West Peoria	administrator@cityofwestpeoria.com	
Krolicki	Ryan	Stakeholder	Illinois American Water	ryan.krolicki@amwater.com	
Krost	Mike	Stakeholder	Friends of River Beach Drive	mkrost@mchsi.com	
Leach	Tim	Greater Peoria Sanitary District	Greater Peoria Sanitary District	tleach@gpsd.org	
Learned	Julie	Stakeholder	Red Cross	Julie.Learned@redcross.org	
Marks	Jason	Peoria County	Peoria County	jmarks@peoriacounty.org	
Maroon	Sie	Peoria	City of Peoria	smaroon@peoriagov.org	
McLaren	Amy	Stakeholder	Peoria County	amclaren@peoriacounty.org	

Mettile	Scott	Chillicothe	City of Chillicothe	scottmettile@aol.com	
Meyer	Patrick	Bartonville	Village of Bartonville	pmeyer@mtco.com	
Miller	Mike	Peoria Park District	Peoria Park District	mmiller@peoriaparks.org	
Naven	Joshua	Peoria	City of Peoria	jnaven@peoriagov.org	
Nelson	Larry	Bartonville	Bartonville ESDA	lnelson@mtco.com	
O'Neal	Tony	Stakeholder	Ameren Illinois	e132606@ameren.com	
Orr	Nick	Stakeholder	OSF Healthcare Systems	Nicholas.V.Orr@osfhealthcare.org	
Rezba	Eric	Stakeholder	American Red Cross	eric.rezba@redcross.org	
Rogers	Lisa	Stakeholder	Friends of River Beach Drive	lsealine@yahoo.com	
Ruhland	Terry	Stakeholder	Local Homebuilders Association	terry@plumcreekbuilders.com	
Shake	Melody	Stakeholder	Heartland Health Services	m.shake@hhsil.com	
Stanley	Heather	Stakeholder	National Weather Service	heather.stanley@noaa.gov	
Sutton	Dustin	Peoria Heights	Village of Peoria Heights/Tri-County	dsutton@heightspd.com	
Tamm	Alan	Stakeholder	US Army Corps of Engineers	alan.tamm@usace.army.gov	
Traenkenschuff	Gerald	Stakeholder	Retired	GerryT1@comcast.net	
Urban	Kathi	Peoria County	Peoria County	kurban@peoriacounty.org	
Weick	Kerilyn	Peoria	City of Peoria	kweick@peoriagov.org	
Witbracht	Sarah	Peoria Heights	Village of Peoria Heights	sarah.witbracht@peoriaheights.org	
Haines	Cody	Peoria Parks	Peoria Park District	Chaines@peoriaparks.org	

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Krider	Kinga	West Peoria	City of West Peoria	administrator@cityofwestpeoria.com	
Krolicki	Ryan	Stakeholder	Illinois American Water	ryan.krolicki@amwater.com	
Krost	Mike	Stakeholder	Friends of River Beach Drive	mkrost@mchsi.com	
Leach	Tim	Greater Peoria Sani	Greater Peoria Sanitary District	tleach@gpsd.org	
Learned	Julie	Stakeholder	Red Cross	Julie.Learned@redcross.org	
Marks	Jason	Peoria County	Peoria County	jmarks@peoriacounty.org	
Maroon	Sie	Peoria	City of Peoria	smaroon@peoriagov.org	
McLaren	Amy	Stakeholder	Peoria County	amclaren@peoriacounty.org	

Mettile	Scott	Chillicothe	City of Chillicothe	scottmettile@aol.com	
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Nelson	Larry	Bartonville	Bartonville ESDA	lnelson@mtco.com	<i>Larry Nelson</i>
O'Neal	Tony	Stakeholder	Ameren Illinois	e132606@ameren.com	
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Traenkenschuff	Gerald	Stakeholder	Retired	GerryT1@comcast.net	
Urban	Kathi	Peoria County	Peoria County	kurban@peoriacounty.org	<i>Kathi Urban</i>
Weick	Kerilyn	Peoria	City of Peoria	kweick@peoriagov.org	
Witbracht	Sarah	Peoria Heights	Village of Peoria Heights	sarah.witbracht@peoriaheights.org	
Weindel	Jack	Peoria Co.		jweindel@peoriacounty.org	<i>Jack Weindel</i>

Attachment B – Powerpoint Presentation



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Introduction to Hazard Mitigation

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Introduction to Hazard Mitigation

What Is Mitigation?

Mitigation is any **sustained action** taken to reduce or eliminate long-term risk to human life and property from natural and manmade hazards.

FEMA defines six categories of hazard mitigation actions:

- Prevention
- Property Protection
- Public Information
- Natural Resource Protection
- Emergency Services
- Structural Projects

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Introduction to Hazard Mitigation

What Is Mitigation Planning?

A **process** for Peoria County to:

- Identify the natural and human-caused hazards to which we are at risk
- Assess the potential impacts of those hazards
- Develop goals, objectives, and action to reduce hazard impacts
- Prioritize and implement mitigation actions

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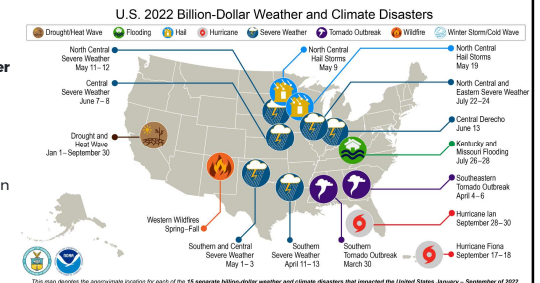


Introduction to Hazard Mitigation

Why Plan?

Trends are resulting in increased costs for disaster response and recovery:

- Population and community growth = greater exposure to risk
 - More people living in hazardous areas
 - More buildings and infrastructure
- Hazards events are occurring with more frequency and/or intensity



As of October 11, in 2022 there have been 15 weather/climate disaster events in the U.S. with losses exceeding \$1 billion each

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Introduction to Hazard Mitigation

Most Expensive Disaster Declarations

Costliest Disasters across the entire U.S. since 1980

Disaster	Total Estimated Cost*	Deaths
Hurricane Katrina (2005)	\$178.8B	1,833
Hurricane Harvey (2017)	\$148.8B	89
Hurricane Maria (2017)	\$107.1B	2,981
Hurricane Sandy (2012)	\$81.9B	159
Hurricane Ida (2021)	\$78.7B	96
Hurricane Irma (2017)	\$59.5B	97
Hurricane Andrew (1992)	\$55.9B	61
U.S. Drought/Heatwave (1988)	\$50.6B	454
Midwest Flooding (1993)	\$43.0B	48
Hurricane Ike (2008)	\$40.2B	112

Costliest Disasters to impact Illinois since 1980

Disaster	Total Estimated Cost*	Deaths
U.S. Drought/Heat Wave (1988)	\$50.6B	454
Midwest Flooding (1993)	\$43.0B	48
Hurricane Ike (2008)	\$40.2	112
U.S. Drought/Heat Wave (2012)	\$38.7B	123
Central/Eastern Drought/Heat Wave (1980)	\$37.7B	1,260
Northwest, Central, Eastern Winter Storm / Cold Wave (2021)	\$25.2B	262
Southern Plains/ Southwest Drought & Heatwave (2011)	\$15.9B	95
U.S. Drought (2002)	\$14.9B	0
Midwest Flooding (2008)	\$13.7B	24
Southeast/Ohio Valley/Midwest Tornadoes (2011)	\$13.3B	321

* CPI adjusted to 2022 dollars; reflects total cost across entire impacted area.
Source: <https://www.ncsl.noaa.gov/access/billions/events>

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Introduction to Hazard Mitigation

Why Hazard Mitigation is a Priority

- 1 The **spiraling costs of response and recovery**; the cost of doing nothing is too much
- 2 Many **events are predictable and repetitive**; we know what to expect and can break the damage/rebuild cycle
- 3 Loss reduction activities can be **effective, cost-beneficial, and environmentally sound**
- 4 There are **legal and moral responsibilities** to prevent future disasters
- 5 There are **funds available** to help

	National Benefit-Cost Ratio Per Peril (2012 dollars to 2019 dollars)	Federally Funded Overall Hazard Benefit-Cost Ratio	Benefit-Cost Requirements
Riverine Flood	7:1	5:1	5:1
Hurricane Surge	7:1	7:1	7:1
Wind	5:1	5:1	5:1
Earthquake	3:1	4:1	4:1
Wildland-Urban Interface Fire	3:1	4:1	4:1

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Hazard Mitigation Plan Update Requirement

Disaster Mitigation Act of 2000: 44CFR 201.6 HMA Grant Eligibility

- Communities are required to update their hazard mitigation plans every 5 years to remain eligible for federal pre- and post-disaster funding
- Any federally declared disaster in the State of Illinois means that Peoria County is eligible to apply for funding
 - The disaster does not have to impact Peoria County to apply for funding
 - Having an updated plan ensures that Peoria County will be ready with mitigation project ideas whenever funding becomes available


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Project Overview & Planning Requirements

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CODE OF FEDERAL REGULATIONS

44

Revised as of October 1, 2018

Emergency Management and Assistance

Disaster Mitigation Act (DMA) Planning Requirements

What is DMA? Why is it Important?

- Outlines the planning requirements that local governments must follow
- Provides continued eligibility for mitigation funds, pre- and post-disaster funding
- Guides mitigation activities in a coordinated & economical manner
- Integrates into other existing planning mechanisms
- Directs future development and informs wise planning and building
- Reduces losses and makes communities more disaster resistant


Phase 1
Organize Resources

Phase 2
Assess Risks

Phase 3
Develop a Mitigation Strategy

Phase 4
Adopt and Implement

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Peoria County, IL Hazard Mitigation Plan Update

Community Rating System (CRS) Planning Requirements

CRS Activity 510 Floodplain Management Planning


10-Step planning process aligns with the four phases of DMA

This plan will follow a blended planning process; the completed HMP will meet the requirements of both programs



DMA Process	CRS Process
Phase I - Organize Resources	
\$201.6(c)(1)	Step 1. Organize to Prepare the Plan
\$201.6(b)(1)	Step 2. Involve the Public
\$201.6(b)(2) & (3)	Step 3. Coordinate
Phase II - Risk Assessment	
\$201.6(c)(2)(i)	Step 4. Assess the Hazard
\$201.6(c)(2)(ii) & (iii)	Step 5. Assess the Problem
Phase III - Mitigation Strategy	
\$201.6(c)(3)(i)	Step 6. Set Goals
\$201.6(c)(3)(ii)	Step 7. Review Possible Activities
\$201.6(c)(3)(iii)	Step 8. Draft an Action Plan
Phase IV - Plan Maintenance	
\$201.6(c)(5)	Step 9. Adopt the Plan
\$201.6(c)(4)	Step 10. Implement, Evaluate, and Revise the Plan

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Peoria County, IL Hazard Mitigation Plan Update

CRS Program Overview

- Based on ISO Fire Insurance Rating Program
- Encourages higher standards than the NFIP minimum
- 10 Classes
- Point-based system
- 5% premium discount for every 500 points

Goals of the Program

- Reduce flood damage to insurable property
- Strengthen and support the insurance aspects of the NFIP
- Encourage a comprehensive approach to floodplain management


Table 110-1. CRS classes, credit points, and premium discounts.

CRS Class	Credit Points (CT)	Premium Reduction	
		In SFHA	Outside SFHA
1	4,500+	45%	10%
2	4,000-4,499	40%	10%
3	3,500-3,999	35%	10%
4	3,000-3,499	30%	10%
5	2,500-2,999	25%	10%
6	2,000-2,499	20%	10%
7	1,500-1,999	15%	5%
8	1,000-1,499	10%	5%
9	500-999	5%	5%
10	0-499	0	0

SFHA: Zones A, AE, A1-A20, V, V1-V30, AO, and AH
Outside the SFHA: Zones X, B, C, A99, AR, and D
Preferred Risk Policies are not eligible for CRS premium discounts because they already have premiums lower than other policies. Preferred Risk Policies are available only in B, C, and X Zones for properties that are shown to have a minimal risk of flood damage.
Some minus-rated policies may not be eligible for CRS premium discounts.
Premium discounts are subject to change.

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Planning Process



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Peoria County, IL Hazard Mitigation Plan Update

Planning Process

Four-Phase Planning Process

Phase 1: Organize Resources	Phase 2: Risk Assessment	Phase 3: Mitigation Strategy	Phase 4: Adoption & Implementation
Get Organized Convene a committee, involve the public, and coordinate	Assess Risks Identify hazards and evaluate the problems	Develop a Mitigation Strategy Set goals, review actions, and draft an action plan	Plan Maintenance Implement, evaluate, and revise the plan

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Peoria County, IL Hazard Mitigation Plan Update

Planning Process

Phase 1: Organize Resources

- Form the HMPC
- Plan for Public Involvement
- Coordinate with other stakeholders
 - FEMA Region 5
 - NOAA, NWS, other federal agencies
 - IEMA, other state agencies
 - Neighboring communities
 - Non-profits
 - Businesses
 - Colleges & universities
 - Others...

These other stakeholders will be invited to contribute data and input, review drafts, and attend public meetings

Responsibilities of the HMPC:

- Attend committee meetings
- Provide updated capability information
- Provide mitigation action progress updates
- Identify new mitigation actions
- Review and provide feedback on draft documents

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Peoria County, IL Hazard Mitigation Plan Update

Jurisdiction	Last Name	First Name	Title
Bartonville	Nelson	Larry	Director
Bartonville	Meyer	Patrick	Village Engineer
Chillicothe	McTigue	Scott	Police Chief
Hanna City	Baylor	Brian	Administrator
Peoria	Maroon	Sie	Deputy Director of Operations
Peoria	Naven	Joshua	Senior Urban Planner
Peoria	Walick	Kerilyn	Senior Urban Planner
Peoria County	Braun	Andrew	Assistant Director
Peoria County	Marks	Jason	Emergency Preparedness Coordinator
Peoria County	Urban	Kathi	Director of Planning & Zoning
Peoria Heights	Wilbricht	Sarah	Administrative Secretary
Peoria Heights	Botton	Dustin	Administrator
West Peoria	Krider	Kinga	City Administrator
Greater Peoria Sanitary District	Johnson	Brian	Executive Director
Greater Peoria Sanitary District	Leach	Tim	Director of Planning and Construction
Peoria Park District	Miller	Mike	Supervisor of Environmental and Interpretive Services
Stakeholder	Abu-Mar	Azema	Tri-County Regional Planning Commission
Stakeholder	Blumenhine	Lynce	Sierra Club
Stakeholder	Bruner	Michael	Tri-County Regional Planning Commission
Stakeholder	Callagar	John	Home Builders Association
Stakeholder	Corrie	Richard	Lutheran Hillside Village
Stakeholder	Crisler	Beth	Peoria Regional Office of Education
Stakeholder	DeWitt	Dorey	Women's Council of Realtors
Stakeholder	Erbenrout	Troy	OSF St. Francis
Stakeholder	Hathaway	Quay	American Red Cross
Stakeholder	Heiden	Shelly	Lutheran Hillside Village
Stakeholder	Kirchofer	Patrick	Peoria County Farm Bureau
Stakeholder	Krolicki	Ryan	Illinois American Water
Stakeholder	Krost	Mike	Friends of River Beach Drive
Stakeholder	Learned	Julie	Red Cross
Stakeholder	McLaren	Amy	Peoria County
Stakeholder	O'Neill	Tony	Ameren Illinois
Stakeholder	Orr	Nick	OSF Healthcare Systems
Stakeholder	Rozba	Eric	American Red Cross
Stakeholder	Stogers	Lisa	Friends of River Beach Drive
Stakeholder	Ruhland	Terry	Local Homebuilders Association
Stakeholder	Shake	Melody	Heartland Health Services
Stakeholder	Stanley	Heather	National Weather Service
Stakeholder	Tamm	Alan	US Army Corps of Engineers
Stakeholder	Traenkenschuff	Gerard	Retired

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Peoria County, IL Hazard Mitigation Plan Update

Next Steps

Phase 1: Organize Resources - Public Outreach Strategy

Public survey

Website updates:



- Meeting announcements
- Meeting agendas, minutes, and presentations
- Public survey link and comments submission
- Draft documents for review

Other opportunities:

- Informational flyer/handout
- Social media, news media
- Stakeholders and local partnerships

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Planning Process

Phase 2: Assess Risks

Hazard Identification

- What can happen here?
- Hazard list will coordinate with the 2018 State HMP and previous Peoria County plan
- FEMA only requires and reviews natural hazards

Vulnerability Assessment



- What will be affected or impacted?
- Property, critical facilities, people, economy, natural resources, cultural and historic resources
- GIS datasets will enable spatial analysis of vulnerability

Capability Assessment

- How can we implement mitigation?
- Planning & regulatory resources, administrative & technical resources, financial resources, past mitigation efforts, etc.

Peoria County, IL Hazard Mitigation Plan Update
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Planning Process

Phase 2: Assess Risks – Hazard Identification



2018 Peoria County HMP	2018 Illinois HMP
Dam/Levee Failure	✓
Drought	✓
Earthquake	✓
Extreme Temperatures	✓
Flood	✓
Land Subsidence/Sinkhole	✓
Landslide	✓
Severe Thunderstorm (hail, lightning, and wind)	✓
Severe Winter Storms	✓
Tornado	✓
Wildfire	✓
Hazardous Materials Incidents	
Terrorism Event	
Active Shooter	

Profile the Hazards:

- Hazard Description
- Location
- Extent/Magnitude
- Past Occurrences
- Probability of Future Occurrence
- Future Conditions

Peoria County, IL Hazard Mitigation Plan Update
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Planning Process


Phase 2: Assess Risks – Vulnerability Assessment

Provide updated data on local assets

- Building inventory
- Critical facilities inventory
- Critical infrastructure
- People
- Economic assets
- Natural, historic and cultural resources

GIS data enables spatial analysis



- Parcel data, building footprints
- Critical Facilities
- Repetitive loss structures/areas
- Current/Future land use data



FEMA Lifelines categorize critical and essential facilities

Peoria County, IL Hazard Mitigation Plan Update
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Planning Process

Phase 2: Assess Risks – Capability Assessment

Review each jurisdiction's capabilities; identify strengths and opportunities for improvement

- Regulatory
- Administrative/Technical
- Fiscal
- Schedule Coordination Call with WSP**

MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN DATA COLLECTION GUIDE

11 REGULATORY

The following planning and land management tools are typically used by local and tribal jurisdictions to implement hazard mitigation activities. Please indicate which of the following your jurisdiction has in place. If your jurisdiction does not have this capability or authority, please indicate in the Comments column. If a higher level of government has the authority, please indicate in the Comments column. If the data is discontinued or use the Comments column to indicate how are you doing. A copy of the data is discontinued (e.g., available on the web, self-assessment, etc.)

Regulatory Tool/Instrument/Code/Plan	Y/N	Comments
Comprehensive Plan		
Land Use Plan		
Zoning Ordinance		
Subdivision Ordinance		
Residential Ordinance		
Stormwater Management and Pollution Control Ordinance		
Other special purpose ordinance (historic preservation, growth management, etc.)		
Building Code		
Fire Department SOI rating		Version
ICC/CS ratings		Rating
Emergency Management Program		Rating
Site Plan Review Requirements		
Capital Improvement Plan		
Economic Development Plan		
Local Emergency Operations Plan		
Regional Hazard Mitigation Study or Other Engineering Study for Storms		
Other special plans (e.g., Japanese Loss Plan)		
Evacuation routes		
Other:		

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Planning Process

Phase 3: Develop a Mitigation Strategy





- Set Planning Goals
 - Review the goals from the previous plan to determine if they are still relevant and appropriate. Update the existing goals as needed
- Review Mitigation Alternatives
 - Consider new action ideas from each of the mitigation categories
 - Review all existing mitigation actions – were they completed? If not, should they be carried forward or deleted?
- Draft an Action Plan
 - Develop and prioritize mitigation actions for all identified and evaluated hazards
 - Decide who will be responsible, when projects will be completed, how projects will be funded, etc.

Peoria County, IL Hazard Mitigation Plan Update

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Please Complete a Status Update of Current Mitigation Actions



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action	No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	Comments
Bartonville					
1 Remove existing residential and commercial structures from subsidence hazard areas.					
2 Develop and implement winter weather risk awareness activating that educates residents about severe winter storms and extreme cold and the actions they can take to protect themselves.					
3 Identify access and function needs residents and coordinate with local organizations to provide: 1) educational materials on emergency preparedness and the actions that can be taken to reduce or eliminate the risks to life and property associated with natural hazard events and 2) assistance/supportive services during and after natural hazard events.					
4 Develop and implement a community outreach program that educates residents about mine subsidence and the actions residents can take to protect themselves and their property.					

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Planning Process

Phase 4: Adoption and Implementation


- Each participating jurisdiction must adopt the plan by resolution
- Ongoing plan maintenance includes at least annual meetings of the HMPC to review the plan
 - Quarterly meetings are recommended to encourage progress and maximize CRS credit for the plan
- Plan will continue to undergo a full update every five years

Peoria County, IL Hazard Mitigation Plan Update

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Project Schedule and Next Steps



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Project Schedule

Planning Process Timeline and Milestones

December

- HMPC - Provide digital data for Risk Assessment
- WSP - Coordinate with Stakeholders

January

- HMPC - Provide update on Current Mitigation Actions - See Handout
- HMPC - Schedule coordination call with WSP for January to discuss capability assessment
- HMPC - Advertise Public Meeting in January
- WSP - Hold Public Meeting #1 - VIRTUAL
- WSP - Perform Risk Assessment

February


- HMPC Meeting #2 - Risk Assessment Results and Mitigation Goals

March






- HMPC Meeting #3 - New Mitigation Actions; Document Review Process
- Hold Public Meeting #2 - VIRTUAL - Document Review Process and Comment Period
- Draft Plan Review and Submittal

Peoria County, IL Hazard Mitigation Plan Update

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Thank you



wsp.com

Attachment C – Overview for HMPC Members

Tri-County Multi-Jurisdictional Hazard Mitigation Plan Update - Peoria County and Incorporated Communities

Overview

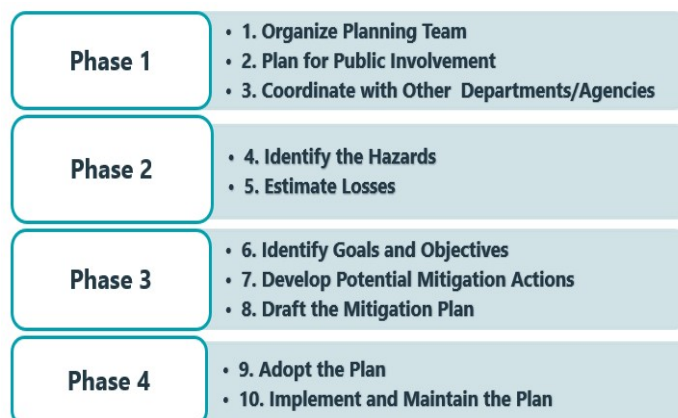
The Tri-County Regional Planning Commission (TCRPC) is beginning the process to update the Tri-County Multi-Jurisdictional Hazard Mitigation Plan *to better protect the people and property of the Tri-County Region from the effects of natural and man-made hazard events*. The TCRPC has contracted with American Environmental Corporation (American) and WSP Environment & Infrastructure (WSP) to facilitate the planning process and prepare the plan document. WSP will be responsible for coordination with Peoria County and its incorporated jurisdictions.

The plan will be prepared pursuant to the requirements of the Disaster Mitigation Act of 2000 (Public Law 106-390) and the implementing regulations set forth by the Interim Final Rule published in the Federal Register on February 26, 2002, (44 CFR §201.6) and finalized on October 31, 2007. These regulations establish the requirements that hazard mitigation plans must meet in order for *Peoria County and its incorporated jurisdictions to be eligible for certain federal disaster assistance and hazard mitigation funding* under the Robert T. Stafford Disaster Relief and Emergency Act (Public Law 93-288). Because Peoria County is subject to many kinds of hazards, access to these federal programs is vital.

Additionally, the plan for Peoria County will be prepared pursuant to the requirements of the Community Rating System. The Community Rating System (CRS) rewards communities for activities that go beyond the minimum requirements of the National Flood Insurance Program (NFIP) with *discounted flood insurance premiums*. Under the CRS, flood insurance premium rates are adjusted to reflect the reduced flood risk resulting from community activities that (1) reduce flood losses, (2) facilitate accurate insurance ratings, and (3) promote the awareness of flood insurance.

What is a Hazard Mitigation Plan?

A hazard mitigation plan is the result of a planning process which identifies policies and actions that can be implemented over the long term to reduce the risk and future losses resulting from hazard events. The hazard mitigation plan will address a comprehensive list of both natural and man-made hazards likely to impact the County. The planning process is structured around four phases: Phase 1: Organize Resources; Phase 2: Assess Risks; Phase 3: Develop a Mitigation Plan; and Phase 4: Implement the Plan and Monitor Progress. These four phases are further broken down into 10 steps, shown in the figure.



What is My Role in the Planning Process?

WSP's first tasks are to assist in establishing the Hazard Mitigation Planning Committee (HMPC) and begin preparations for a project kick-off meeting. The HMPC will be composed of staff from those community departments which are involved in hazard mitigation activities, have the authority to regulate development, and are responsible for enforcing local ordinances.



For additional information, please contact:
Reema Abi-Akar, Planner III, HSTP Region 5
Coordinator rabiakar@tricountyrpc.org, (309) 673-9330

Tri-County Multi-Jurisdictional Hazard Mitigation Plan Update - Peoria County and Incorporated Communities

As a member of the HMPC, *your participation in the planning process will include:*

- Attending and contributing in the HMPC meetings;
- Providing requested data (as available);
- Reviewing and providing comments on plan drafts;
- Advertising, coordinating, and participating in the public input process; and
- Coordinating the formal adoption of the plan.

What can I expect for the HMPC Meetings?

In the coming months, WSP will facilitate three planning meetings with the HMPC, as briefly described below. Detailed agendas and information on the context of each meeting or activities performed within each meeting will be provided during the planning process.

- **DECEMBER - Project Kick-off Meeting.** This meeting will initialize work with the HMPC. WSP will present information on federal planning requirements, participation requirements of HMPC members, and the proposed project work plan and schedule. A plan for public involvement and coordination with other agencies and departments will also be discussed at this initial meeting, especially regarding external agencies, such as state and federal agencies that may have significant interests (property, critical assets and infrastructure) in the County or that have information to help support the planning process. WSP will also provide follow-up interviews and data collection for development the community profile. Once the nucleus of the HMPC first meets at the Kickoff Meeting, it may be determined that additional representatives should be invited to participate.
- **FEBRUARY - Risk Assessment Meeting.** This meeting will include presentation of the risk assessment results and review/development of mitigation goals.
- **MARCH - Mitigation Strategy Meeting.** This meeting will include updating of existing mitigation actions and identification and development of new mitigation strategies based upon the risk assessment.

Additional Resources

The following links provide additional information on hazard mitigation and the planning process:

- Peoria County Multi-Hazard Mitigation Plan, 2018
<https://www.peoriacounty.gov/422/Hazard-Mitigation-Plan>
- Tri-County Multi-Jurisdictional Natural Hazards Mitigation Plan, Jan 2019/Nov 2020
<https://tricityrpc.org/environment/hazard-mitigation/>
- Regulations and guidance for state, tribal and local mitigation plans
<https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning/regulations-guidance>
- Local Mitigation Planning Fact Sheet
https://www.fema.gov/sites/default/files/documents/fema_planning-local_factsheet.pdf



For additional information, please contact:
Reema Abi-Akar, Planner III, HSTP Region 5
Coordinator rabiakar@tricityrpc.org, (309) 673-9330

Attachment D – Public Outreach Strategy

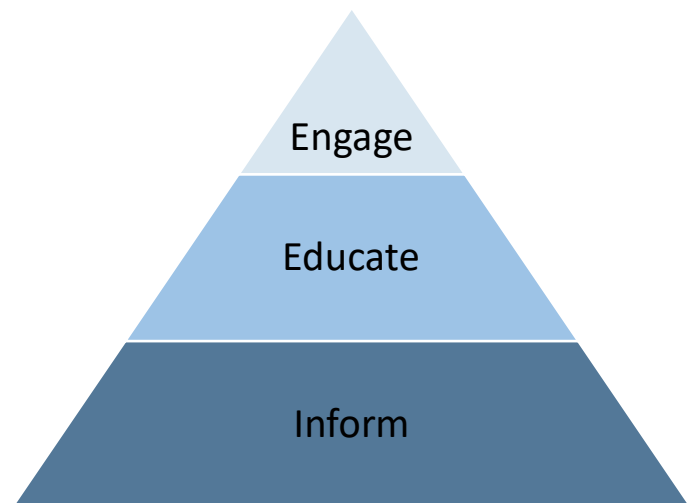
Tri-County Multi-Jurisdictional Hazard Mitigation Plan Update - Peoria County and Incorporated Communities

PUBLIC OUTREACH STRATEGY

The goal of this Public Outreach Strategy is to **engage, educate, and inform** the citizens of Peoria County of local multi-hazard mitigation planning efforts. The goal of this plan to better protect the people and property of Peoria County and participating jurisdictions from the effects of natural and man-made hazard events. Public involvement throughout the planning process is key to developing a plan that reflects the community's values and priorities, results in a greater success rate of mitigation action implementation, and ultimately creates a safer, more disaster-resilient community.

This Public Outreach Strategy identifies the outreach tools and activities for each of the major phases of the mitigation planning process which:

- ▶ **Engage** the public and other stakeholders through interactive dialogue including such forums as planning committee meetings, public meetings, workshops and open house events;
- ▶ **Educate** the public and other stakeholders through a listen and learn process such as neighborhood association presentations, information booths, and briefings to elected officials; and
- ▶ **Inform** the public and other stakeholders through one-way communication such as written outreach materials, websites, and news media.



ENGAGE

- ▶ **Participation on the Hazard Mitigation Planning Committee (HMPC)** – Half of HMPC will be representatives of the public and stakeholders of Peoria County. This may include representation from: American Red Cross, Sierra Club, State NFIP Coordinator, and others.
- ▶ **Public Meetings** - Two (2) public meetings will be scheduled at key points in the project timeline to obtain public input on natural and manmade hazards, problems, and possible solutions. Meetings will be held at the beginning of the planning process and following completion of the mitigation strategy. These meetings will be coordinated with the Tri-County Regional Planning Commission with facilitation support from WSP.



For additional information, please contact:
Reema Abi-Akar, Planner III, HSTP Region 5
Coordinator rabiakar@tricountyrpc.org, (309) 673-9330

Tri-County Multi-Jurisdictional Hazard Mitigation Plan Update - Peoria County and Incorporated Communities

EDUCATE

- ▶ **Questionnaire** - A public participation questionnaire will be prepared by WSP and will be open to the public for two months. The purpose of this questionnaire is to solicit input from the public and stakeholders in Peoria County regarding hazards of concern, areas of mitigation interest, and related preparedness. The online survey will give individuals that are unable to attend the in-person meetings the opportunity to participate in the planning process. The questionnaire will be made available through web links posted on the project information website, circulated via email, and social media outlets. Additionally, hard copies of the questionnaire will be distributed at all public meetings and presentations to stakeholder groups. The feedback received will be evaluated and incorporated into the Hazard Mitigation Planning Committee's decision making process and the final Multi-Hazard Mitigation Plan.

INFORM

- ▶ **Website** - A project information website will be hosted by WSP and will be available to the public and to members of the Hazard Mitigation Planning Committee for the duration of the planning process with the primary purpose to share information relevant to the Plan Update. Specific resources to be included on this site include:
 - Meeting schedule, agendas, presentations, and minutes;
 - Project information flyers (3) for introduction, risk assessment, and notification of draft document;
 - Link to online questionnaire;
 - Draft Multi-Hazard Mitigation Plan for review/comment; and
 - Reference documents and links to planning resources.

The website address is under construction at this time. Once completed, the website address will be shared.

- ▶ **Project Information Flyers** – Three (3) project information flyers will be developed and distributed throughout the planning process to provide information on the hazard mitigation planning and opportunities for public involvement. This resource will be available on the project information website as well as hard copies distributed to local libraries and public meetings identified in the 'educate' process. Specific information to be provided in the flyers includes:
 - What is a Hazard Mitigation Plan?
 - Why is it important to me?
 - What can I do to participate?
 - Planning Status
 - Mitigation Success Stories



For additional information, please contact:
Reema Abi-Akar, Planner III, HSTP Region 5
Coordinator rabiakar@tricotcountyrpc.org, (309) 673-9330

Tri-County Multi-Jurisdictional Hazard Mitigation Plan Update - Peoria County and Incorporated Communities

- ▶ **Social Media** –Social media outlets on Twitter and Facebook may be utilized to publish information regarding public meetings, the online questionnaire, and general hazard mitigation planning information.



For additional information, please contact:
Reema Abi-Akar, Planner III, HSTP Region 5
Coordinator rabiakar@tricountyrpc.org, (309) 673-9330

Attachment E – Data Collection Guide

Multi-Jurisdictional Hazard Mitigation Plan

Data Collection Guide

Jurisdiction: _____

Return by: _____

WSP USA Environment & Infrastructure, Inc.

This data collection guide is intended to assist in the research and preparation of your community's hazard mitigation plan. The information you provide here will supplement research done by WSP's Hazard Mitigation Planning Team and will improve the plan with local insight and knowledge. Please complete this data collection guide as completely and accurately as possible, as this information will be incorporated in the mitigation plan and will help to inform the planning process. A data collection guide should be completed for each jurisdiction that wishes to be included in the plan. For elements that do not pertain to your jurisdiction, please indicate with "N/A".

Prepared by: _____

Phone: _____

Email: _____

Date: _____

Please return worksheets by mail or email to:

Cindy Popplewell, PE, CFM

WSP USA Environment & Infrastructure, Inc.

216 Centerview Drive, Suite 300

Brentwood, TN 37027

Email: cindy.popplewell@wsp.com

CAPABILITY ASSESSMENT

Capabilities are the programs and policies currently in use to reduce hazard impacts or that could be used to implement hazard mitigation activities. Please complete this worksheet and provide supporting documentation if possible.

Regulatory

The following planning and land management tools are typically used by local and tribal jurisdictions to implement hazard mitigation activities. Please indicate which of the following your jurisdiction has in place. If your jurisdiction does not have this capability or authority, please indicate in the comments column if a higher level of government has the authority. Also, if applicable, provide a copy of the plan or document or use the comments column to indicate how we can obtain a copy of the plan or document (i.e. available on the web, will email, etc.).

Regulatory Tool (ordinances, codes, plans)	Y/N	Comments
Comprehensive Plan		
Land Use Plan		
Zoning ordinance		
Subdivision ordinance		
Floodplain ordinance		Date of most current ordinance:
Erosion, Sedimentation and Pollution Control ordinance		
Other special purpose ordinance (stormwater, growth management, wildfire)		
Building code		Version:
Fire department ISO rating		Rating:
BCEGS rating		Rating:
Stormwater Management Program		
Site Plan Review Requirements		
Capital Improvements Plan		
Economic Development Plan		
Local Emergency Operations Plan		
Flood Insurance Study or Other Engineering Study for Streams		
Other special plans (i.e. Repetitive Loss Plan)		
Elevation certificates		
Other:		

Administrative/Technical

Identify the technical and personnel resources responsible for activities related to hazard mitigation/loss prevention within your jurisdiction. For smaller jurisdictions without local staff resources, if there are public resources at the next higher level of government that can provide technical assistance, please indicate so in the comments column.

Personnel Resources	Y/N	Department/Position	Comments
Planner/Engineer with knowledge of land development/land management practices			
Engineer/Professional trained in construction practices related to buildings and/or infrastructure			
Planner/Engineer/Scientist with an understanding of natural hazards			
Personnel skilled in GIS			
Full time Building Official			
Floodplain Manager			
Emergency Manager			
Grant Writer			
Public Information Officer			
Warning Systems			
GIS data: flood zones / hazard areas			
GIS data: critical facilities			
GIS data: current and/or future land use			
GIS data: building footprints			
GIS data: links to Assessor's data			
Other personnel:			
Other data:			

Describe your government structure. (e.g. Commission, Mayor/City Council, how many members, etc.). Is your local political climate supportive of mitigation efforts?

Fiscal

Identify whether your jurisdiction has access to or is eligible to use the following financial resources for hazard mitigation.

Financial Resources	Accessible/Eligible? (Y/N)	Comments
Community Development Block Grants		
Capital improvements project funding		
Authority to levy taxes for specific purposes		
Fees for water, sewer, gas, or electric services		
Impact fees for new development		
Incur debt through general obligation bonds		
Incur debt through special tax bonds		
Incur debt through private activities		
Withhold spending in hazard prone areas		
Other:		

Attachment F – Current Mitigation Actions



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE

STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	Comments
Bartonville						
1	Remove existing residential and commercial structures from subsidence hazard areas.					
2	Develop and implement winter weather risk awareness activating that educates residents about severe winter storms and extreme cold and the actions they can take to protect themselves.					
3	Identify access and function needs residents and coordinate with local organizations to provide: 1) educational materials on emergency preparedness and the actions that can be taken to reduce or eliminate the risks to life and property associated with natural hazard events and 2) assistance/supportive services during and after natural hazard events.					
4	Develop and implement a community outreach program that educates residents about mine subsidence and the actions residents can take to protect themselves and their property.					
5	Conduct a drainage/hydraulic study to determine the number of pump stations and associated piping/containment needed to alleviate recurring Kickapoo Creek flooding impacting homes and businesses along Illinois Route 24.					
6	Install pump stations with automatic emergency backup generators at selected locations to alleviate recurring Kickapoo Creek flooding impacting homes and businesses along Illinois Route 24.					
7	Purchase portable, trailer-mounted changeable emergency message boards to alert the public of hazardous conditions, detours, evacuations, etc. associated with natural hazard events.					
8	Designate warming/cooling centers within the Village for use by residents and secure hosting agreements with each location.					
9	Bury utility lines to critical facilities to limit service disruptions during natural hazard events.					
10	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.					
11	Review and present for adoption the updated Flood Insurance Rate Maps when they become available.					
12	Present for adoption an updated floodplain ordinance.					
13	Evaluate the feasibility of participating in the National Flood Insurance Program’s voluntary Community Rating System.					



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action						Comments
		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	
Bartonville (continued)						
14	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.					
15	Identify unreinforced masonry buildings that serve as critical infrastructure/facilities within the Village.					
16	Purchase a stand-alone server with software to backup the Village’s computer files.					



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action						Comments
		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	
Chillicothe						
1	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.					
2	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.					
3	Identify unreinforced masonry buildings that serve as critical infrastructure/facilities within the City.					
4	Review and present for adoption the updated Flood Insurance Rate Maps when they become available.					
5	Present for adoption an updated floodplain ordinance.					
6	Evaluate the feasibility of participating in the National Flood Insurance Program’s voluntary Community Rating System.					
7	Target FEMA’s Repetitive Loss Properties for potential mitigation projects.					
8	Target FEMA’s Repetitive Loss Properties for educational outreach.					
9	Develop educational materials that can be used to inform residents about the benefits of the National Flood Insurance Program and how it is administered locally.					
10	Locate and label all public hydrants in the City to assist in street identification in the event of widespread natural hazard damage.					
11	Develop “hazard information centers” in public libraries and on the City’s website to inform residents of the risks to life and property associated with natural hazards and the proactive actions they can take to reduce or eliminate their risk					
12	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.					
13	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.					



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	Comments
Greater Peoria Sanitary District						
1	Flood Hazard Mitigation & Levee Certification Study Recommendation – Kickapoo Interceptor Flow Control Structure: Construct a large sluice gate along the Kickapoo Interceptor just outside the GPSD Levee that can be closed in the event the Interceptor is compromised by floodwater. The Kickapoo Interceptor is one of two sewers that brings wastewater into the treatment plant, and at present, there is no means to throttle the flow of the sewer. Floodwaters have covered the Interceptor previously and if the sewer becomes compromised during a flood event, floodwaters will enter the wastewater treatment plant at an uncontrolled rate, incapacitating the wastewater treatment plant and leaving much of the County without treatment capability including key critical facilities such as hospitals.					
2	Flood Hazard Mitigation & Levee Certification Study Recommendation – Effluent Channel Control Structure: Construct an effluent channel control structure (gate) to allow the District to control the water levels in the two tertiary lagoons during flood events. Control of the water surface levels in the tertiary lagoons was identified as a way to limit seepage and maintain the hydrostatic pressure in the soils of the GPSD Levee to preserve slope stability during flood events.					
3	Flood Hazard Mitigation & Levee Certification Study Recommendation – Levee Grading & Drainage Improvements: Raise the crest of the GPSD Levee to meet or exceed minimum freeboard requirements, install sub-surface seepage layers and a collection system to limit the buildup of groundwater and maintain slope stability requirements, construct headwall and removeable flood barrier systems at the plant entrance drives and fill in low-lying areas that exhibit seepage and boils during major flood events to meet FEMA’s levee certification requirements and prepare for major flood events. Protecting the wastewater treatment plant from flooding not only safeguards critical infrastructure, it also reduces the risk of major service interruptions to other critical infrastructure such as hospitals.					
4	Identify collection system infrastructure located in areas vulnerable to landslides.					
5	Identify collection system infrastructure located in areas vulnerable to mine subsidence.					



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	Comments
Greater Peoria Sanitary District (continued)						
6	Distribute educational materials that inform staff and customers about the risks associated with natural hazard events impacting the District’s service area, including those related to the sewer collection system, and the proactive actions they can take to reduce their risk.					



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action						Comments
		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	
Hanna City						
1	Construct a new water tower to increase the amount of water available in reserve, improve resiliency to drought and to aid in fire suppression as necessary during natural hazard events.					
2	Purchase a stand-alone server with software to back up the Village’s computer files.					
3	Design and construct a community safe room (tornado shelter) equipped with emergency backup generator and HVAC units that can also serve as an emergency shelter/warming and cooling center for Village residents.					
4	Identify residents with access and functional needs and create a volunteer network to assist these residents during a natural hazard event.					
5	Install curb and gutter at various locations within the Village to help direct the flow of stormwater runoff to drainage structures in an effort to alleviate drainage/flooding problems.					
6	Conduct a sewer line reconnaissance study to identify locations where storm water infiltrates the lines.					
7	Repair/reline sewer line sections where storm water infiltration is occurring to prevent sewage backups.					
8	Improve coordination between the village, township and County in an effort to help implement hazard mitigation projects and cleanup activities aimed at reducing or eliminating the risk associated with natural hazard events.					
9	Install/upsized new water mains and fire hydrants at various locations within the Village to ensure a constant supply of water for residents and aid in fire suppression during natural hazard events.					
10	Purchase and install sewer valves at wastewater treatment plant to isolate system operations and protect plant functions during heavy rain events.					
11	Locate and label all public hydrants in the Village to assist in street identification in the event of widespread natural hazard damage.					
12	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.					
13	Identify unreinforced masonry buildings that serve as critical infrastructure/facilities within the Village.					



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	Comments
City of Peoria						
1	Purchase and install automatic emergency backup generators at all Fire Stations not currently equipped with one to provide uninterrupted power and maintain operations and communication capabilities during a power outage. All fire stations in the City serve as warming/cooling centers for city residents.					
2	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.					
3	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.					
4	Identify unreinforced masonry buildings that serve as critical infrastructure/facilities within the City.					
5	Partner with classified dams owners to develop Emergency Action Plans (EAPs) that identify the extent (water depth, speed of onset, warning times, etc.) and location (inundation areas) of potential dam failures to address data deficiencies.					
6	Review and present for adoption the updated Flood Insurance Rate Maps when they become available.					
7	Present for adoption an updated floodplain ordinance.					
8	Evaluate the feasibility of participating in the National Flood Insurance Program’s voluntary Community Rating System.					
9	Purchase and distribute NOAA weather radios to vulnerable residents.					
10	Locate and label all public hydrants in the City to assist in street identification in the event of widespread natural hazard damage.					
11	Develop “hazard information centers” in public libraries and on the City’s website to inform residents of the risks to life and property associated with natural hazards and the proactive actions they can take to reduce or eliminate their risk					
12	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.					
13	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.					



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action						Comments
		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	
Peoria Heights						
1	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.					
2	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.					
3	Identify unreinforced masonry buildings that serve as critical infrastructure/facilities within the City.					
4	Review and present for adoption the updated Flood Insurance Rate Maps when they become available.					
5	Present for adoption an updated floodplain ordinance.					
6	Evaluate the feasibility of participating in the National Flood Insurance Program’s voluntary Community Rating System.					
7	Target FEMA’s Repetitive Loss Properties for potential mitigation projects.					
8	Target FEMA’s Repetitive Loss Properties for educational outreach.					
9	Develop educational materials that can be used to inform residents about the benefits of the National Flood Insurance Program and how it is administered locally.					
10	Locate and label all public hydrants in the City to assist in street identification in the event of widespread natural hazard damage.					
11	Develop “hazard information centers” in public libraries and on the City’s website to inform residents of the risks to life and property associated with natural hazards and the proactive actions they can take to reduce or eliminate their risk					
12	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.					
13	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.					



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action						Comments
		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	
Peoria County						
1	Evaluate structural integrity of critical facilities and shelters to confirm resistance to hazard events.					
2	Coordinate hazard risk assessments with other agencies					
3	Create formal mutual aid agreements with neighboring communities to meet emergency response needs.					
4	Coordinate with American Red Cross to maintain list of emergency shelters and shelter agreements.					
5	Coordinate with IDNR to address the stalemate with FEMA and private owners of a provisionally accredited levee.					
6	Establish prioritized list for mitigation of flood prone structures					
7	Verify with IDNR that dam inspections are current.					
8	Coordinate with NRCS regarding technical and financial assistance for drought preparedness and response.					
9	Maintain snow/ice fighting resources					
10	Continue to organize and hold collections for household hazardous wastes, tires, etc.					
11	Special needs/oxygen-user registration program					
12	Update flood risk assessment utilizing depth grid information as Risk MAP products become available to Peoria County through the flood map update process. Depth grid information will allow for more accurate flood vulnerability calculations.					
13	Continue participation in CRS Program and implementation of flood hazard outreach program – including website maintenance, general and targeted outreach projects; and educational documents in libraries.					
14	Prepare “take-home” brochure for school system to address hazard preparedness planning and coordination.					
15	Re-evaluate community education programs to incorporate hazard mitigation.					
16	Identify and train key County employees, outside of EMA, in disaster response and operations to ensure continuity of County government during disaster events.					
17	Create county-wide database for Elevation Certificates; Letters of Map Change; and First Floor Elevations.					
18	Establish requirement for future development projects to determine impacts to existing development.					
19	Prepare Repetitive Loss Area (RLA) Analyses for each of the identified RLAs.					



2023 PEORIA COUNTY HAZARD MITIGATION PLAN UPDATE
STATUS OF CURRENT MITIGATION ACTIONS

Mitigation Action						Comments
		No Progress (✓)	In Progress (✓)	Completed (✓)	Year Completed (✓)	
Peoria County (continued)						
20	Organize public workshop to discuss flood mitigation and property protection.					
21	Update landscape ordinance to provide homeowner credit for use of native plantings.					
22	Update Subdivision and Development regulations to require information from INDR on proximity of high hazard dams.					
23	Identify bridge/road infrastructure that is vulnerable to earthquakes.					
24	Continue program to distribute NOAA weather radios, as funding allows.					
25	Post flood warning signage in flood-prone areas, e.g. high water marks.					
26	Provide NFIP Training for insurance agents; surveyors; and engineers.					
27	Prepare watershed master plans for flood prone areas of the County.					
28	Establish Partnerships for maintenance of public open space and acquired flood properties.					
29	Establish process for conversion of acquired flood properties to natural habitat					
30	Post education signage in areas of acquired flood properties describing benefits of natural habitat.					
31	Continue acquisition program to mitigate repetitive flood properties					
32	Identify opportunities to encourage/provide credit for low-impact development and reduction of impervious areas.					
33	Identify and pursue funding sources to mitigate/fill underground mines.					
34	Provide training and exercises for first responders for hazardous materials incidents.					
35	Redundant systems and looping (water, sewer, electric, gas)					