

Washington County Emergency Management Office  
Southeastern Wisconsin Regional Planning Commission

**Notice of Meeting and Agenda**

**WASHINGTON COUNTY HAZARD MITIGATION PLAN LOCAL PLANNING TEAM**

DATE: June 7, 2022  
TIME: 2:00 to 3:30 p.m.  
PLACE: Washington County Sheriff's Office (Room 3011)  
500 Rolfs Ave.  
West Bend, Wisconsin 53095

AGENDA:

1. Welcome and introductions: Rob Schmid, Washington County Emergency Management Coordinator
2. Overview of hazard mitigation and planning process: Megan Shedivy, SEWRPC
  - a. Different hazard mitigation measures
3. Background on the original Washington County Hazard Mitigation Plan: Megan Shedivy, SEWRPC
  - a. Overview of previous plan (Pre-Disaster Mitigation grant program)
  - b. Main components to be reviewed and revised
  - c. Schedule for the plan update (**Attachment 1**)
  - d. Local Planning Team role
4. Review hazard mitigation goals from original hazard plan (**Attachment 2**): Megan Shedivy
5. Hazard and vulnerability assessment exercise- provided online and in-person (<https://arcg.is/1XmyjG1> and **Attachment 3**): Megan Shedivy
6. Adjourn

Megan A. Shedivy  
Secretary

Enclosures

CAPR-326 2ND ED MEETING & AGENDA JUNE 7, 2022 (#263090).DOC  
500-1149  
MAS  
05/09/2022

**Attachment 1**

**WORK SCHEDULE AND DIVISION OF RESPONSIBILITIES FOR UPDATING THE  
WASHINGTON COUNTY HAZARD MITIGATION PLAN**

<b>Task</b>	<b>Estimated Completion Timeframe</b>	<b>Responsible Agency</b>
Start of Project Update	March, 2022	Washington County
Update Planning Team Membership	April, 2022	Washington County
Kickoff Meeting	June, 2022	SEWRPC and Washington County
Public Participation and Outreach	Throughout Planning Process	SEWRPC and Washington County
Review and Update Community Profile	August, 2022	SEWRPC
Chapter 1 “Introduction”	End of May, 2022	SEWRPC
Chapter 2 “Study Area Inventory”	End of August, 2022	SEWRPC
Chapter 3 “Analysis of Hazard Conditions”	End of October, 2022	SEWRPC
Planning Team Meeting (Review Chapters 1 through 3)	November, 2022	SEWRPC and Washington County
Public Meeting to Review Partial Draft Plan	End of November, 2022	SEWRPC
Revise Draft Plan Based on LPT & Public Comments	December, 2022	SEWRPC
Chapter 4 “Hazard Mitigation Goals”	January, 2023	SEWRPC
Chapter 5 “Mitigation Actions/Strategies”	May, 2023	SEWRPC
Chapter 6 “Plan Adoption, Maintenance, Implementation”	June, 2023	SEWRPC
Planning Team Meeting (Review Chapters 4 through 6)	July, 2023	SEWRPC
Public Meeting to Review Draft Plan	August, 2023	SEWRPC and Washington County
Submit Draft Plan Update to WEM for Review	September, 2023	SEWRPC
Formal Adoption and Approval by WEM/FEMA	November, 2023	Washington County and SEWRPC
End of Grant Period	December, 2024	--

Source: SEWRPC

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MAS  
05/09/2022

## Attachment 2

### GOALS FROM PREVIOUS WASHINGTON COUNTY HAZARD MITIGATION PLAN

The following goals were established from the original Washington County hazard mitigation planning program.<sup>1</sup> The goals have been established based, in part, upon goals previously established in watershed, park and open space, and land use planning programs.

1. A spatial distribution of the various land uses that minimizes hazards and dangers to health, welfare, and safety as well as further enhancing the economic base of the County and will result in a compatible arrangement of land uses properly related to the existing and proposed supporting transportation, utility, public safety systems, and public facility systems.
2. A spatial distribution of the various land uses that maintains connectivity among and that will result in the protection and wise use of the natural resources of the County, including its soils, inland lakes and streams, groundwater, wetlands, woodlands, wildlife, and natural areas and critical species habitats.
3. An integrated transportation system that, through its location, capacity, and design, will safely, economically, and effectively serve the existing and proposed land use pattern and promote the implementation of the land use plan, meeting the current and anticipated travel demand and minimizing the potential for accidents and the associated toll on life and property damage.
4. The provision of facilities necessary to maintain a high quality of fire and police protection and emergency medical services throughout the County.
5. The development of a stormwater and floodplain management system that reduces the exposure of people to drainage- and flooding-related inconvenience and to health and safety hazards and that reduces the exposure of real and personal property to damage through inundation resulting from flooding and inadequate stormwater drainage.
6. The identification and development of programs that complement County and local emergency operations plans to mitigate the potential exposure to health and safety and the exposure of real and personal property resulting from a broad range of hazards that are unpredictable and not geographically specific in nature.

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<sup>1</sup>SEWRPC Community Assistance Planning Report No. 326, Washington County Hazard Mitigation Plan: 2015-2022, March 2018.

Attachment 3

HAZARD AND VULNERABILITY ASSESSMENT SURVEY  
WASHINGTON COUNTY HAZARD MITIGATION PLAN UPDATE

Link and QR Code to Survey:  
<https://arcg.is/1XmyjG1>



Washington County Hazard Ranking Assessment

INSTRUCTIONS

**To Local Planning Team Members:**

Washington County is conducting a study to better understand the preparedness needs and risk perceptions of its Hazard Mitigation Local Planning Team Members as part of the County's Hazard Mitigation Plan update process.

To do so, a questionnaire has been distributed to the Local Planning Team Members. Your feedback is needed and greatly appreciated!

The questionnaire should only take about 5-7 minutes to complete. Responses will be utilized to inform the Natural Hazard Identification and Risk Assessment portion of the Hazard Mitigation Plan update.

Your input will serve as part of your jurisdiction's participation in the Hazard Mitigation Plan update, which is required under federal guidelines to maintain eligibility for FEMA hazard mitigation funding.

**DEADLINE: Please complete the survey by July 7, 2022.**

Thank you for your participation!

If you have any questions, please contact Megan Shedivy, Southeastern Wisconsin Regional Planning Commission, at 262.953.4286 or [mshedivy@sewrpc.org](mailto:mshedivy@sewrpc.org).

**Please indicate which jurisdiction you are representing:**

**PROBABILITY**

Please indicate what you consider to be the likelihood that this hazard will occur.

- Low - Occurs very little or not at all (every 51-100 years)
- Moderate - Occurs somewhat or rarely (every 26-50 years)
- High - Occurs often or frequently (every 1-25 years)
- Not Applicable - does not apply to your area/jurisdiction

Issues to consider for Probability include:

- Known risk
- Historical data and experience
- Local government or agency experience

Attachment 3 (continued)

	Low	Moderate	High	Not Applicable
Riverine flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormwater flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inland lake flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thunderstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High straight-line wind	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lightning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy snowstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blizzard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ice storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Extreme cold	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fog	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dust storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earthquake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildfire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dam failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Land subsidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**PROBABILITY: Other (please specify below)**

If you would like to rank another natural hazard not already listed, please do so here.

**HUMAN IMPACT**

Please indicate what you consider to be the likely level of impacts to human life if the hazard occurs.

- Low - Minimal or minor impact on people
- Moderate - Somewhat significant impact on people
- High - Severe impact on people
- Not Applicable - does not apply to your area/jurisdiction

Issues to consider for Human Impact include:

- Potential to cause death
- Potential to cause injury requiring medical treatment

	Low	Moderate	High	Not Applicable
Riverine flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormwater flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inland lake flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thunderstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High straight-line wind	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lightning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy snowstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blizzard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ice storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme cold	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Attachment 3 (continued)

Extreme heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fog	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dust storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earthquake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildfire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dam failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Land subsidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**HUMAN IMPACT: Other (please specify below)**

If you would like to rank another natural hazard not already listed, please do so here.

**PROPERTY IMPACT**

Please indicate what you consider to be the likely level of physical losses and damages to property if the hazard occurs.

- Low - Minimal or minor impact on properties
- Moderate - Somewhat significant impact on properties
- High - Severe impact on properties
- Not Applicable - does not apply to your area/jurisdiction

Issues to consider for Property Impact include:

- The potential to cause damage to property or crops
- The cost to replace damaged property
- The cost to set up a temporary replacement for damaged property
- The cost to repair damaged property
- The time to recover from the property damage

**Attachment 3 (continued)**

	Low	Moderate	High	Not Applicable
Riverine flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormwater flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inland lake flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thunderstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High straight-line wind	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lightning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy snowstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blizzard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ice storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme cold	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**PROPERTY IMPACT: Other (please specify below)**

If you would like to rank another natural hazard not already listed, please do so here.

**BUSINESS & GOVERNMENT AGENCY IMPACT**

Please indicate what you consider to be the likely level of impact to the operations of businesses and government agencies if the hazard occurs.

- Low - Minimal or minor impact on operations
- Moderate - Somewhat significant impact on operations
- High - Severe impact on operations
- Not Applicable - does not apply to your area/jurisdiction

Issues to consider for Business & Gov. Agency Impact include:

- Business or agency interruption
- Employees unable to report to work
- Customers or clients unable to reach facility
- Company or agency in violation of contractual agreements
- Imposition of fines and penalties or legal costs
- Interruption of access to critical supplies
- Interruption of product or service distribution
- Financial impact or burden
- Interruption of critical care and emergency services



Attachment 3 (continued)

	Low	Moderate	High	Not Applicable
Riverine flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormwater flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inland lake flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thunderstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High straight-line wind	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lightning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy snowstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blizzard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ice storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme cold	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fog	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dust storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earthquake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildfire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dam failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Land subsidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**BUSINESS & GOV. AGENCY: Other (please specify below)**

If you would like to rank another natural hazard not already listed, please do so here.

**PREPAREDNESS**

Please indicate what you consider to be the current level of preparedness for dealing with the hazard and its impacts if the hazard occurs.

- Low - Low level of preparedness, or not prepared
- Moderate - Medium level of preparedness
- High - High level of preparedness
- Not Applicable - Does not apply to your area/jurisdiction

Issues to consider for Preparedness include:

- The status of current plans that address the hazard
- The frequency of drills that address the hazard
- The status of training related to the hazard and its impacts
- Insurance
- The availability of back-up systems
- The availability of community resources

	Low	Moderate	High	Not Applicable
Riverine flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormwater flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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Thunderstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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Lightning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy snowstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blizzard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ice storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme cold	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Attachment 3 (continued)

Extreme heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fog	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dust storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earthquake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildfire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dam failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Land subsidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**PREPAREDNESS: Other (please specify below)**

If you would like to rank another natural hazard not already listed, please do so here.

**What specific areas in your jurisdiction are heavily impacted by natural hazard events?**

Please list these known areas and be specific.

**Please provide a list of the hazard mitigation activities/projects your jurisdiction has initiated and/or completed since 2018, including project cost, funding source, and completion date. Project examples include: flooded structure buyouts, stormwater management efforts, tornado shelters and/or siren installation or update, etc.**

Attachment 3 (continued)

Are any of the hazard mitigation projects listed in the above question considered nature-based, such as green infrastructure, bioengineering, etc.?

Please provide a list of weather hazard related outreach activities your jurisdiction/local communities have initiated and/or completed since 2018.

**Additional Comments**

If you have any questions, comments, concerns, or would like to rank another natural hazard not already listed, please do so here.