

Racine County Office of Emergency Management
Southeastern Wisconsin Regional Planning Commission

Notice of Meeting and Agenda

RACINE COUNTY HAZARD MITIGATION PLAN LOCAL PLANNING TEAM

DATE: April 13, 2022
TIME: 9:30 to 11:30 a.m.
PLACE: Ive's Grove Auditorium
14200 Washington Ave.
Sturtevant, Wisconsin 53177

VIRTUAL
LINK: <https://bit.ly/3wJhS9h>

AGENDA:

1. Welcome and introductions: Mr. Jonathan Delagrave, Executive, Racine County
2. Overview of hazard mitigation planning process: Katelyn Miner, SEWRPC
3. Background on the 4th edition of the Racine County Hazard Mitigation Plan: Katelyn Miner, SEWRPC
 - a. Overview of previous plan and editions
 - 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 3rd edition (Attachment 2): Katelyn Miner
5. Hazard and vulnerability assessment exercise (Attachment 3): Katelyn Miner
6. Adjourn

Frank G. Fierek
Secretary

Enclosures

CAPR-266 4TH ED MEETING & AGENDA NOTICE APRIL 2022 (#262076).DOC
500-1147
JED/KMM
03/31/2022; 03/28/2022

Attachment 1

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

Task	Estimated Completion Timeframe	Responsible Agency
Hire Contractor to Develop Updated Plan	February 2022	Racine County
Update Planning Team Membership	March 2022	Racine County with SEWRPC Assistance
Kickoff Meeting	April 2022	Racine County and SEWRPC
Initial Public Participation and Outreach	April-October 2022	SEWRPC and Racine County
Survey Management Agencies Regarding Status of Initial Plan	April-November 2022	SEWRPC
Develop Updated Community Profile	April-December 2022	SEWRPC
Review and Update Identification and Description of Hazards	May 2022-February 2023	SEWRPC
Update Risk and Vulnerability Assessments	June 2022-April 2023	SEWRPC
Public Meeting to Review Hazard Identification and Risk Assessment	April 2023	SEWRPC and Racine County
Revise Draft Plan Based on Public Comment	May 2023	SEWRPC
Review and Update Established Hazard Mitigation Goals and Objectives	November 2022-August 2023	SEWRPC
Develop Updated Mitigation Actions	December 2022-October 2023	SEWRPC
Develop Updated Plan Maintenance Process	July 2023-December 2023	SEWRPC
Public Meeting to Review Draft Plan	December 2023	SEWRPC and Racine County
Revise Draft Plan Based on Public Comment	January 2024	SEWRPC
Submit Draft Plan Update to WEM for Review	February 2024	SEWRPC on Behalf of Racine County
Revise Plan Based on State Review	March 2024	SEWRPC
Submit to FEMA for Approval	April 2024	SEWRPC on Behalf of Racine County
Formal Adoption	May 2024	Racine County

Source: SEWRPC

#00256286
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03/31/2022; 03/17/2022

Attachment 2

GOALS FOR RACINE COUNTY ALL HAZARD MITIGATION PLAN

The following goals have been established for the Racine County hazard mitigation planning program.¹ 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 which 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 which maintains biodiversity and which 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 which, 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 which reduces the exposure of people to drainage- and flooding-related inconvenience and to health and safety hazards and which reduces the exposure of real and personal property to damage through inundation resulting from flooding and inadequate stormwater drainage.
6. The identification of high erosion risk Lake Michigan shoreline areas and the development of a coastal erosion management program which reduces the exposure of people and real and personal property to shoreline erosion and bluff recession.
7. The identification and development of programs which complement County and local emergency operations plans, to mitigate the potential exposure to health and safety, and the exposure of real and personal property, to a broad range of hazards which are unpredictable and not geographically specific in nature.

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JED/KMM
03/31/2022; 03/28/2022

¹SEWRPC *Community Assistance Planning Report No. 266, 3rd Edition, Racine County Hazard Mitigation Plan Update: 2017-2022, December 2017.*

Attachment 3

**HAZARD AND VULNERABILITY ASSESSMENT SURVEY
RACINE COUNTY HAZARD MITIGATION PLAN UPDATE**

Link and QR Code to Survey:
<https://arcg.is/1Ou8yG1>



Racine County Hazard Ranking Assessment

INSTRUCTIONS

To Local Planning Team Members:

Racine 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 May 15, 2022.

Thank you for your participation!

If you have any questions, please contact Katelyn Miner, Southeastern Wisconsin Regional Planning Commission, at 262.953.3277 or kminer@sewrpc.org.

Please indicate which jurisdiction you are representing:

Attachment 3 (continued)

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

	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"/>
Coastal 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"/>

Attachment 3 (continued)

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"/>
Lake Michigan erosion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake Michigan bluff failure	<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"/>
Non-Lake Michigan related 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.

Attachment 3 (continued)

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"/>
Coastal 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"/>

Attachment 3 (continued)

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"/>
Lake Michigan erosion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake Michigan bluff failure	<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"/>
Non-Lake Michigan related 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.

Attachment 3 (continued)

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

	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"/>
Coastal 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"/>

Attachment 3 (continued)

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"/>
Lake Michigan erosion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake Michigan bluff failure	<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"/>
Non-Lake Michigan related 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"/>

PROPERTY IMPACT: Other (please specify below)

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

Attachment 3 (continued)

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

	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"/>
Coastal 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"/>

Attachment 3 (continued)

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"/>
Lake Michigan erosion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake Michigan bluff failure	<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"/>
Non-Lake Michigan related 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.

Attachment 3 (continued)

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 - Prepared very little or not at all
- Moderate - Prepared somewhat significantly
- High - Prepared significantly well
- 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"/>
Inland lake flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coastal 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"/>

Attachment 3 (continued)

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"/>
Lake Michigan erosion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake Michigan bluff failure	<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"/>
Non-Lake Michigan related 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.

Attachment 3 (continued)

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

Please list these known areas and be specific.

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Please provide a list of the hazard mitigation activities/projects your jurisdiction has initiated and/or completed since 2017.

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Please provide a list of the outreach activities your jurisdiction/local communities have initiated and/or completed since 2017.

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Additional Comments

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

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