

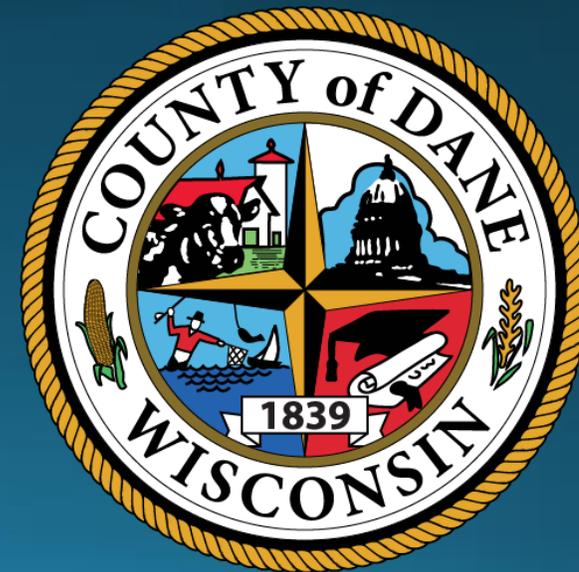
Dane County Natural Hazard Mitigation Plan

2027 Update Kickoff Meetings

Feb 24, 2026 10:00a-12:00p

Feb 25, 2026 1:30-3:30p

Feb 25, 2026 6:30-8:30p



Virtual Meeting Reminders

- Please ensure you are muted
- Questions will be taken at the end of the presentation
- You may enter questions into the chat at any time
- If you experience connection issues, “stopping” your video may improve the connection



Introductions

Andrew Beckett

Dane County Emergency Management



Bridgit Van Belleghem

Dane County Planning & Development



Caitlin Shanahan

Capital Area Regional Planning Commission



Meeting Objectives

- **Introduce the plan, and its purpose, requirements and process**
- **Outline the 2027 Update Schedule**
- **Provide a formal “kick-off” for the update process**



Agenda

- **Mitigation Overview**
- **Dane County's Plan**
- **Plan Contents**
- **Planning Process**
- **Local Participation**
- **Timeline**
- **Questions**



Overview of Mitigation

The Emergency Management Cycle follows four stages of activities.

Cycles often overlap because multiple activities may be occurring simultaneously.



Mitigation vs. Other Planning

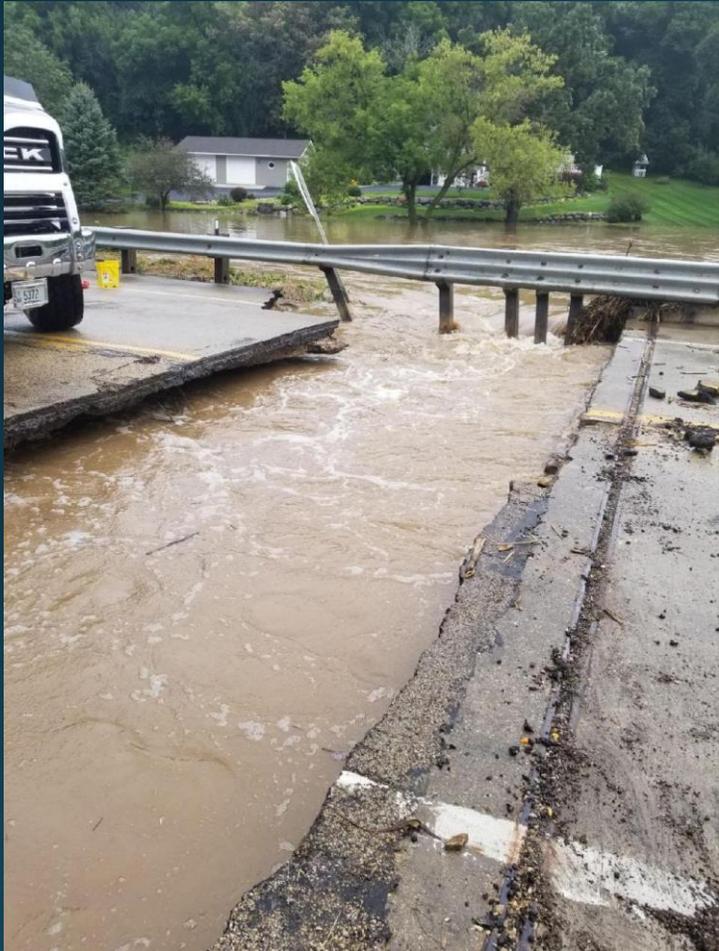
- **Preparedness:** Focus on activities to make persons, places, or organizations ready to respond
- **Response:** Focus on activities to reduce damages. Generally short-term solutions. Requires warning and preparedness.
- **Mitigation:** Addresses preventing negative impacts with long-term strategies. Requires planning and commitment.

NHMP – The Basics

- A FEMA-approved document containing descriptions of:
 - Participating communities
 - Hazards that affect the area
 - Past and anticipated impacts
 - Regional and local mitigation strategies and projects
- Updated on a five-year cycle



Benefits of a Mitigation Plan



- Identifies specific natural hazards and problems across Dane County
- Minimize losses from future damages
- Reduces future response and recovery costs for local governments
- Improves chances of obtaining state and federal grant funding
- Creates a unified vision of a more resilient community

Case Studies

- **December 2020:** CARPC awarded \$150,000 through HMGP to develop a Black Earth Creek green infrastructure plan
- **September 2023:** Madison received \$6 million through BRIC for Pheasant Branch flood mitigation and restoration
- **April 2024:** Village of Cross Plains awarded \$265,000 through HMGP for Brewery Creek wetland and floodplain restoration along County Highway P



Current Dane County NHMP



The screenshot shows the top navigation bar of the County of Dane Wisconsin website with links for Home, Preparedness, Emergency Alerts, Hazards, EMS, and Overdose Prevention. Below the navigation is a banner for Dane County Emergency Management. The main content area features a section titled "Natural Hazard Mitigation" with a sub-header "Natural Hazard Mitigation Plan". To the left of the text is a photograph of a large, dark, swirling tornado over a residential area. The text explains that Dane County is subject to natural hazards that threaten life and property, and that it has received Federal disaster assistance since 1976. It also notes that almost every year, there are significant weather events for which Federal disaster assistance is not granted. A paragraph at the bottom states that most people in Dane County have been affected by natural hazards in one way or another and are vulnerable to a variety of hazards including extreme temperatures, severe winter weather, tornadoes, and flooding. It mentions that these hazards have caused injury and loss of life, severe property damage, interruption of the delivery of services, and harm to the natural environment.

Full plan with all municipal annexes is available online.

Find it one of two ways:

Go directly to the DCEM website
<https://em.countyofdane.com/hazards/mitigation-plan>

OR

Do an online search for “Dane County Natural Hazard Mitigation Plan”

Hazards Addressed

- Flooding
- Excessive Heat
- Fog
- Severe Winter Storms
- Hail
- Tornado
- Landslide/Erosion
- Wildfires
- Wind Events
- Extreme Cold



County Plan Contents



- Process Description
- Public Input
- County Profile
- County Hazard and Vulnerability Assessment
- Problem Definitions
- County-Level Mitigation Strategy
- County Board Adoption

Municipal Annex Contents

- Commitment Letter
- Community Profile
- Hazard and Vulnerability Assessment
- Capability Assessment
- Mitigation Strategies
- Local Adoption



Plan Update Process

Objectives

- Local government participation
- Update local and county-level mitigation strategies
- Address any changes made since the 2022 plan, such as new infrastructure completed, population growth/changes, and land use changes



Plan Update Process

- Organize affected and interested parties
- Indicate commitment to participation
- Perform a Risk Assessment of Hazards and Vulnerability
- Develop a mitigation strategy
- Conduct and document public participation
- Adoption by governing bodies



Developing the Mitigation Plan



- Set planning goals
 - Based on risk assessment
 - Incorporate goals in community plans
- Review the alternatives
- Select preferred options
- Seek public input (if needed)
- Draft an Action Plan that identifies mitigation projects

Risk & Capability Assessment

Identify and Profile Hazards:

- Potential impacts
- Past occurrences
- Future potential
- Seasonal patterns
- Effects of changing climate
- Effects of hazards on community



Risk & Capability Assessment



Assess Vulnerabilities

- Inventory at-risk critical and vulnerable assets
- Determine value of at-risk assets and estimate future losses
- Identify vulnerable populations and development trends
- Identify cultural, historical and natural resources

Risk & Capability Assessment

Capability Assessment

- Inventory existing and proposed hazard management policies
- Evaluate effectiveness for mitigation purposes
- Determine technical and financial abilities to implement initiatives



Local Annex Document

- Every participating municipal jurisdiction will have one
- Planning team will provide 2027 template and version from 2022
- Fill in and update the document
- Develop and input the mitigation strategies

Strategy 1 Flood Prevention	
Goals	
Prevention	Natural Resource Protection
Property Protection	Critical Facilities Protection
Public Education & Awareness	Structural Project
<p>The goal is to prevent flooding by implementing land use regulations and plans to protect property and avoid over taxing the [muni type]'s storm sewer system. Improvements include the installation of upstream stormwater controls. The reduction in flooding will benefit property owners in the immediate area as well as property owners using Thronson Road for access.</p> <p>The desired outcome is to limit flooding at the head of the [muni type]'s storm sewer system near the intersection of Hwy 51 and Thronson Drive, to limit impacts on structures, and ensure access.</p>	
Implementation	
<p>1. Review existing neighborhood stormwater plans</p> <ul style="list-style-type: none"> a. <i>Responsible party</i>- [jurisdiction] b. <i>Funding source</i>- Stormwater utility c. <i>Completion date</i>- December 2028 	
<p>2. Review development proposals to maximize impact of stormwater control measures</p> <ul style="list-style-type: none"> a. <i>Responsible party</i>- [jurisdiction] staff and consultants b. <i>Funding source</i>- Stormwater utility and land developers c. <i>Completion date</i>- ongoing 	
<p>3. Enforce best management practices</p> <ul style="list-style-type: none"> a. <i>Responsible party</i>- [jurisdiction] b. <i>Funding source</i>- stormwater utility and land developers c. <i>Completion date</i>- ongoing 	

Adoption & Implementation



- Approved by council or board
- Implement the plan
- Monitor changes
- Report on progress
- Revise as needed

County Commitment

- Establish a work plan and timeline using FEMA standards
- Facilitate regular plan development meetings
- Update Dane County's portion of the plan
- Provide templates and data for local use and adoption
- Compile and submit plans documents for state review and FEMA approval
- Monitor progress and outcomes in participating jurisdictions

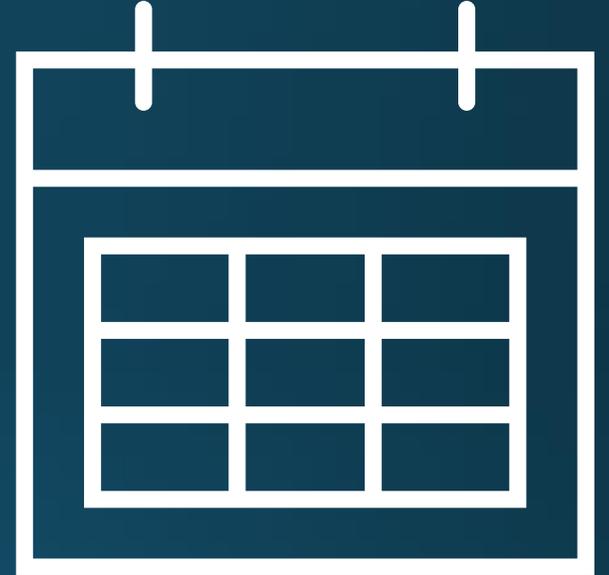


Municipal Participation

- Designate a local representative/liaison to participate in planning meetings and complete plan update work tasks.
- Update the hazard profile and vulnerability assessment.
- Identify and prioritize goals, objectives, and actions to apply to and achieve the mitigation strategies.
- Develop problem statements and mitigation strategy(ies)
- Review and edit draft documents.
- Share information during public input opportunities
- Adopt the final draft of the plan through formal resolution

Timeline

- By March 30 - submit participation letter
- Participant meetings:
 - April - Template Review Guidance
 - May - Developing Local Mitigation Strategies
 - July - Document Review
- June - Municipalities submit materials to DCEM
- July/August - Public Meetings
- October - NHMP sent to WI Emergency Management
- November - Final NHMP provided to municipalities for adoption
- December - 2027 DC NHMP adopted by Dane County
- December - Provide copies of local resolutions to DCEM
- January 2027 - DCEM submits to FEMA for approval



Next Steps

- Participation Letter: Return to DCEM by March 30
- Review the 2022 NHMP update for your community
- Review draft template and date, update your municipal plan where needed
- Prepare for next workshop: Template Review (early April)





Questions?



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