Southeastern Wisconsin

Regional Planning Commission





Local Planning Team Meeting

Racine County

Hazard Mitigation Plan Update

May 31, 2023

Joel Dietl, AICP-- Chief Land Use Planner, SEWRPC Laura Herrick – Chief Environmental Engineer, SEWRPC

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•••• Agenda

- Welcome
- Review of Summary Notes April 13, 2022 mtg
- Review of draft Plan chapters
- Discussion of Public Meeting to follow
- Adjourn







Introduction and Background







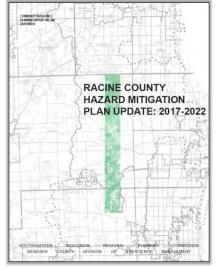




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•••• Chapter 1: Introduction and Background

- **>**2004, 2010, 2017, 2023
- >FEMA and WEM
 - Funding
 - Disaster Mitigation Act of 2000 Requirements
- ► Hazard Mitigation vs. Other Planning Mechanisms
- ➤ Plan Preparations, Maintenance, and Adoption
 - Local Planning Team
 - Plan Components













•••• Chapter 1 Tables of Note

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- ➤ Table 1.1 Plan Participation
- ➤ Table 1.4 Outreach Activities by Community
- ➤ Table 1.5 Hazard Mitigation Activities 2017-2022







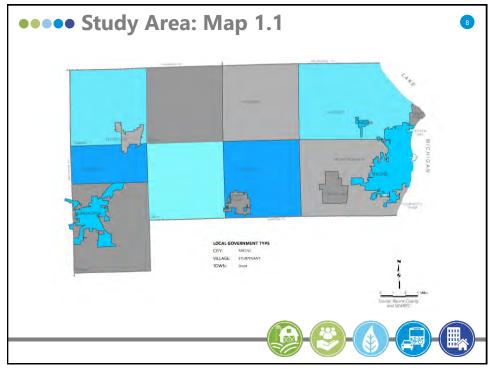








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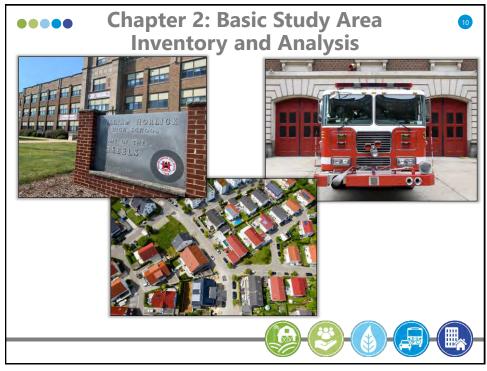


Chapter 2

Basic Study Area Inventory and Analysis



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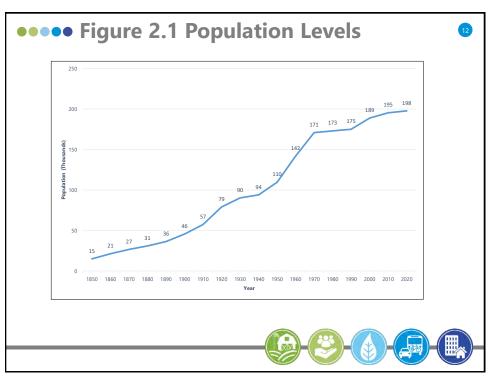


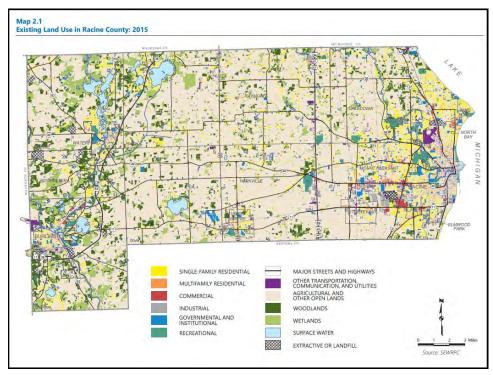
•••• Chapter 2 Inventory

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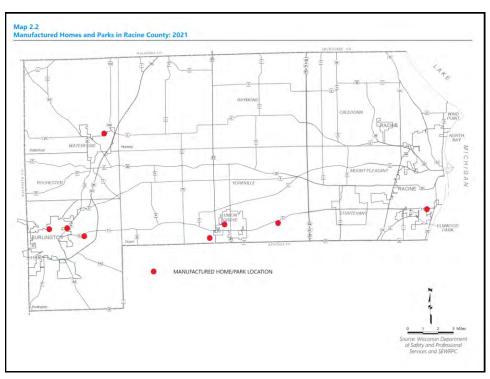
- Civil Divisions
- Demographic and Economic Characteristics
- Land Use
- Climate and Climate Change
- Emergency Services and Critical Facilities

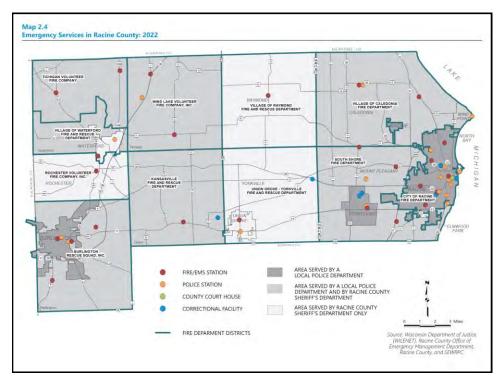


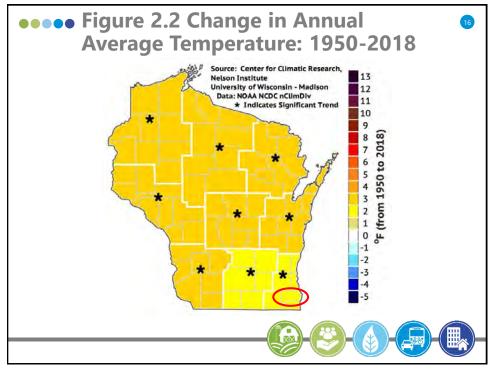


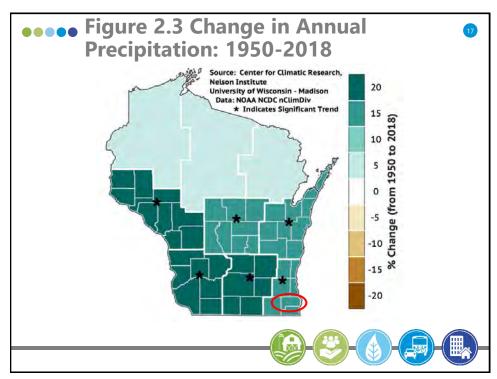


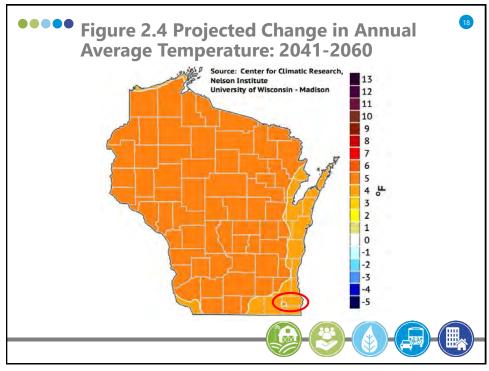


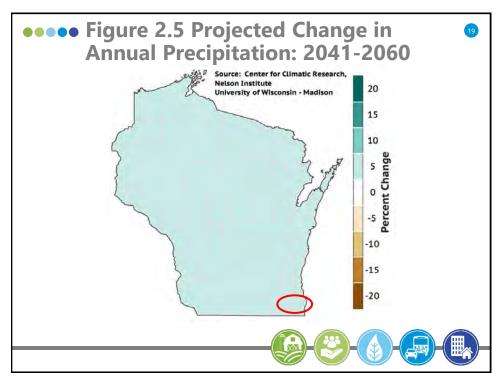


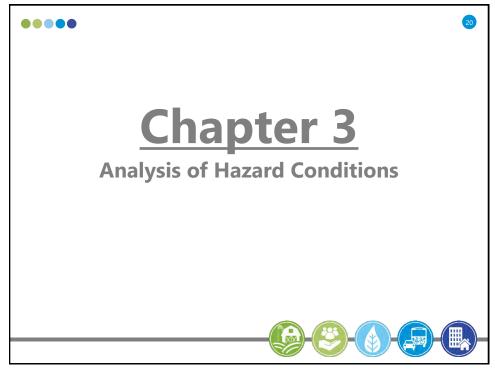


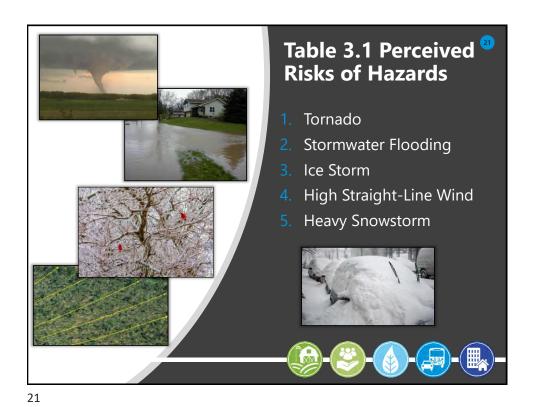












•••• Chapter 3 Hazard Vulnerability and Risk Assessments

- Tornados
- Inland Flooding
- Severe Thunderstorms
- Temperature Extremes
- Lake Michigan Coastal Hazards
- Severe Winter Storms
- Drought

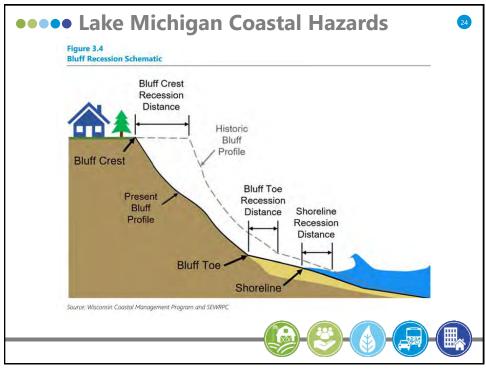


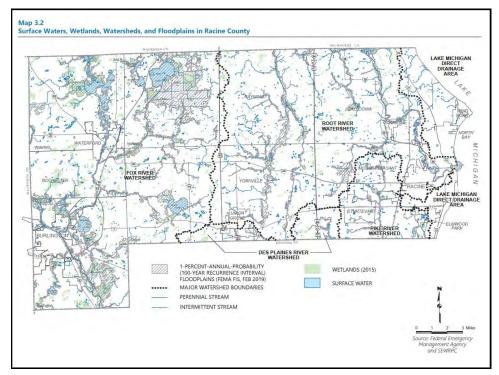
••••• Chapter 3 Hazard Vulnerability and Risk Assessments

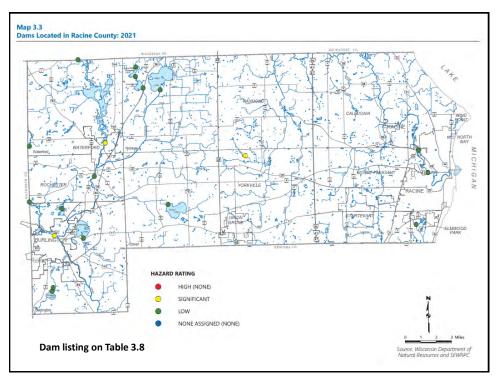
Format for each Hazard

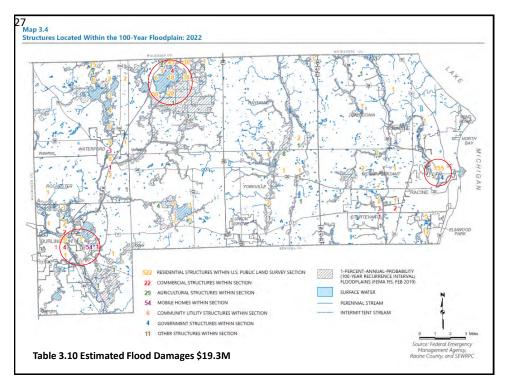
- Describe hazard
- Recent Events
- Vulnerability and Community Impact Assessment
- Future Changes and Conditions
- Multi-Jurisdictional Risk Management

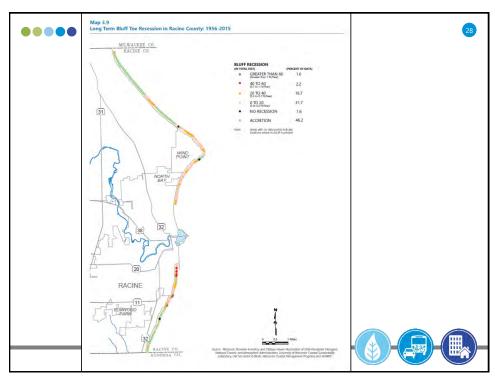
















Goals and Objectives



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•••• Chapter 4 Goals



- A spatial distribution of the various land uses that minimizes hazards.
- 2. A spatial distribution of the various land uses that maintains biodiversity and will result in the protection and wise use of the natural resources of the County.
- The provision of facilities necessary to maintain a high quality of fire and police protection and emergency medical services throughout the County.
- 4. The development of a stormwater and floodplain management system.
- 5. The identification of high erosion risk Lake Michigan shoreline areas and the development of a coastal erosion control program.
- 6. The identification and development of programs which complement County and local emergency operations plans to mitigate hazard risk.















Chapter 5

Hazard Mitigation Strategies



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•••• Chapter 5 Mitigation Strategies



- 2. Inland Flooding
- 3. Severe Thunderstorms (high winds, hail, lightening)
- 4. Tornados
- 5. Extreme Temperatures (heat, cold)
- 6. Lake Michigan Coastal Hazards
- 7. Severe Winter Storms
- 8. Drought

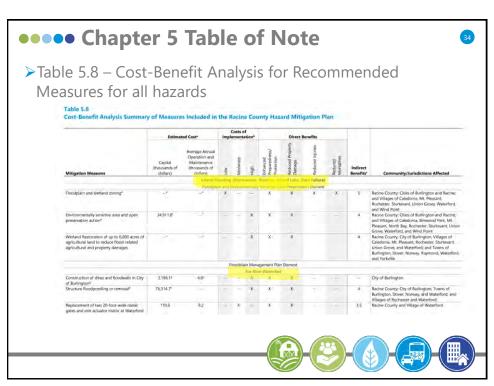


•••• Chapter 5 Mitigation Strategies

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- · Identified alternative strategies
 - Nonstructural, structural, public information and education
- Reviewed current programs
 - Federal and State, local
- Evaluation of alternatives and identification of mitigation actions
- · Identified multi-jurisdictional considerations
- Select and set forth a revised set of priority mitigation measures





•••• Chapter 5 Flood Mitigation Strategies

- Preservation of open space and sensitive areas
- Voluntary purchase, demolition, and removal or floodproofing of up to 648 structures
- Channel cleaning, maintenance, or rehabilitation for selected streams
- Stormwater management planning, regulation, and maintenance
- Restoration of prairies and wetlands
- Survey of buildings near flood hazard areas
- FEMA map updating















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•••• Chapter 5 Coastal Strategies

- Continue to enforce County shoreland regulations related to setbacks
- Review municipal shoreland ordinances to be consistent with WCM guidance
- Re-evaluate current shoreland protection structures every 10 years
- Where feasible, relocate at-risk coastal buildings
- Provide information to property owners for allowable bluff and shoreline management











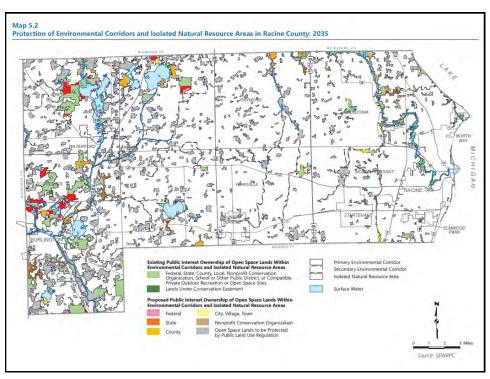


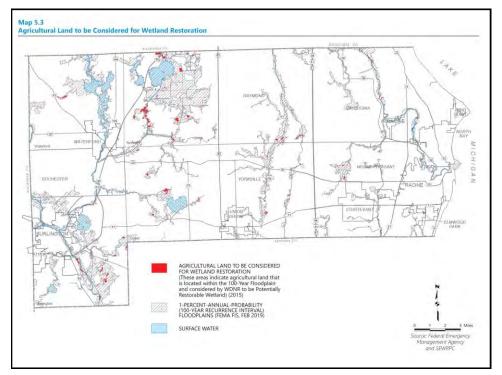
•••• Chapter 5 Weather Related Strategies

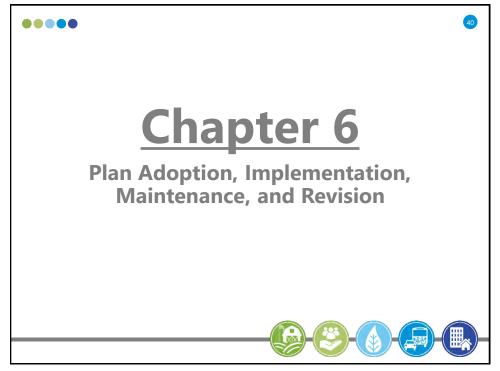
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- Maintain early warning systems
 - NOAA Weather Radio, EAS broadcasting, CodeRED, Ready Badger App
- Public information and education
- Identify and advertise shelters (storm shelters, heating/cooling centers)
- Installation of community storm shelters at manufactured home parks
- Review and enforcement of building code requirements
- Continued coordination of local government emergency operations and response plan







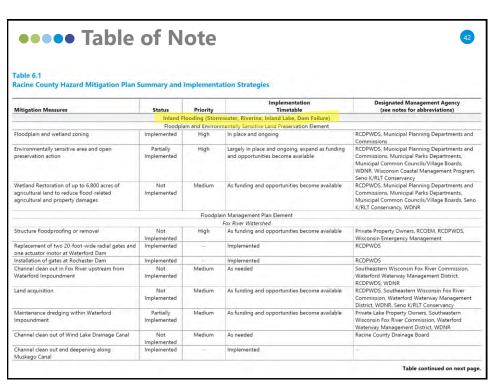


•••• Chapter 6 Overview

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- Plan refinement, review, and adoption
- Plan implementation strategies
- Funding sources
- Plan monitoring and reevaluation strategies
 - · Annual review
 - Post-disaster review









Appendices







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•••• Appendices



- A LPT members and meetings
- B Emergency Services and Facilities
- C Critical Community Facilities
- D Disaster Supply Kit
- E Potential Funding Programs
- F County Adoption Resolution



••••• Remaining Effort on Plan Update



- Public Meeting tonight
- Additional comments received by June 16, 2023
- Review by the WEM edits as needed
- Review by the FEMA edits as needed
- Formal adoption by the Racine County Board covers the Towns
- Formal adoption by the governing bodies of the incorporated municipalities of the County within **1 year**



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•••• Project Website



- Draft chapters
- Summary notes from meetings
- Presentations
- Comment screen
- Comments can also be sent to joel.dietl@sewrpc.org













Thank You

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