Southeastern Wisconsin Regional Planning Commission (SEWRPC)

- 1960
- Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, Waukesha
- Work with State and Federal agencies on behalf of local government
- Supported by Federal, State, and Local Taxes
  - Largest:
    - 35% of State's Population
    - Most Urbanized
    - Largest Budget
- Focus goes beyond community boundaries

Southeastern Wisconsin Regional Planning Commission (SEWRPC)

4 Major Divisions:
- Transportation
- Environmental
- Land Use
- Community Assistance and Economic Development
  - Hazard Mitigation Planning

SEWRPC: Hazard Mitigation Planning

These plans fulfill requirements set forth by
- Wisconsin Department of Military Affairs
  - Division of Emergency Management (WEM)
- Federal Emergency Management Agency (FEMA)

Ozaukee County’s Previous Hazard Mitigation Plans
- Original Plan 2008
  - FEMA- approved Flood Mitigation plan tied in with All-Hazards Mitigation Plan
- Updated in 2013
  - EPTEC, Inc.

2013 Hazard Mitigation Plan Update Review
- Ozaukee County EM Department applied for AND received assistance from HMGP to update existing plan in 2011
- Coordinated County Comprehensive Emergency Plan v.2 (CEMP) and Ozaukee County Public Health HVA update

Ozaukee County’s Previous Hazard Mitigation Plans
- Original Plan 2008
  - FEMA- approved Flood Mitigation plan tied in with All-Hazards Mitigation Plan
- Updated in 2013
  - EPTEC, Inc.
2013 Hazard Mitigation Plan Update (Cont.)
- 2013 Plan Assessed and Presented
  - Profile and Analysis of Past Hazardous Events
  - Assessment of Vulnerability of Community Assets
  - Mitigation Strategies and Goals
  - Methods for Building Community Support
- Conducted Hazard Vulnerability Analysis (HVA)
- In Conjunction with other County Plans and Ordinances
- Report published in 2013

2013 Hazard Mitigation Plan Update (Cont.)
- Planning Components:
  - Background
  - Physical and demographic characteristics
  - Hazard Identified
    - Physical Characteristics
    - Frequency of Occurrence
    - Vulnerability
    - Hazard Mitigation Strategies
- Appendices
  - Maps
  - Plan Adoption
  - Summary of Mitigation Strategies (Tabular format)
  - Report on PREVIOUS Mitigation Strategies
  - HAZUS-Flood Analysis for Ozaukee Co.
  - Supporting Documentation

2013 Hazard Mitigation Plan Update (Cont.)
- Hazards Identified in 2013 Plan:
  - Coastal Erosion
  - Drought and Dust Storms
  - Earthquakes
  - Flooding and Dam Failure
  - Fog
  - Forest and Wildfire
  - Landslide
  - Severe Temperatures
  - Storms
    - Hail, Lightning, Thunderstorms, Tornadoes and High Winds, Winter
  - Utility Failure

2013 Hazard Mitigation Plan Update (Cont.)
- 2013 Adoption/Participating Jurisdictions:
  - Cities: Cedarburg, Mequon, and Port Washington
  - Villages: Bayside, Belgium, Fredonia, Grafton, Newburg, Saukville and Thiensville
  - Towns: Belgium, Cedarburg, Grafton, Port Washington and Saukville
  - County: October, 2013

Plan Components for The Ozaukee County Hazard Mitigation Plan Update
1. Introduction and Background
2. Description of Study Area
3. Analysis of Hazard Conditions
4. Hazard Mitigation Goals and Objectives
5. Hazard Mitigation Strategies
6. Plan Adoption, Implementation, Maintenance, and Revision

Plan Components
1. Introduction and Background
   - Discussion of the Planning Process and Efforts
   - Overview of Study Area
   - Scope and Purpose of Plan
   - Plan Maintenance and Implementation Activities
     - Studies or Local Planning Efforts Since Last Update
Plan Components

2. Description of Study Area
   - Demographic
   - Surface Waters
   - Transportation
   - Public Facilities
     - Police facilities
     - Fire facilities
     - EMS facilities
   - Related Regulations and Programs
   - Lake Michigan Shoreline Hazard Areas
   - Land Use
   - Flood Hazard Areas
   - Utility Systems
   - Critical Community Facilities
   - Hazardous Material Use and Storage
   - Emergency Operation Planning
   - Historic Sites

3. Analysis of Hazard Conditions
   - Hazard Identification and Mapping
   - Vulnerability and Risk Analysis for Each Covered Hazard
     - Historical and Recent Events
     - Vulnerability and Community Impacts Assessment
       - Human lives, Property Damages, Crop Damages
     - Potential for Future Changes in Hazard Conditions
     - Multijurisdictional Aspects

4. Hazard Mitigation Goals
   - Express What the Plan is Trying to Achieve - Main Objectives
   - Ties this Plan to Other Active Plans
     - e.g., The County Comprehensive Emergency Plan (January, 2013) and the Multi-Jurisdictional Comprehensive Plan for Ozaukee County: 2050 (SEWRPC, starting 2018)

5. Hazard Mitigation Strategies
   - Develop a Range of Actions and Projects to Reduce the Impacts of Each Hazard
     - Structural, Nonstructural, Educational Outreach
     - Prioritize Actions for Implementation
   - Identify Responsible Parties
   - Examine Costs and Benefits
   - Consider Multi-Jurisdictional Aspects

6. Plan Adoption, Implementation, Maintenance, and Revisions
   - Detail Available Funding and Technical Assistance
   - Monitoring of Plan Implementation
   - Table of Mitigation Measures and Implementation Assignments
   - County and Incorporated Municipalities Must Formally Adopt the Plan
   - Towns are Covered by County Adoption
Local Planning Team Role

- Review Draft Chapters of the Plan
- Weigh in on hazard identification
- Help us get needed information
  - Recent and historical problems with hazards: Location, occurrence, damages
  - Recent projects, planned and contemplated projects, recent hazard-related outreach
  - Inventory data

Hazard Mitigation Goals

- To preserve life and minimize the potential for injuries or death.
- To preserve and enhance the quality of life throughout Ozaukee County by identifying potential property damage risks and recommending appropriate mitigation strategies to minimize potential property damage.
- To promote County-wide planning that avoids transferring the risk from one community to an adjacent community, where appropriate.
- To identify potential funding sources for mitigation projects and form the basis for FEMA project grant applications.

Key Dates (all tentative)

<table>
<thead>
<tr>
<th>Task</th>
<th>Estimated Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Update Planning Team membership</td>
<td>October 31, 2017</td>
</tr>
<tr>
<td>Survey Designated Management Agencies Regarding Status of Implementation of OCP / OHP</td>
<td>Ongoing</td>
</tr>
<tr>
<td>Kickoff Planning Team Meeting</td>
<td>February 2016</td>
</tr>
<tr>
<td>Public Participation</td>
<td>February 2016 through March 2017</td>
</tr>
<tr>
<td>Planning Team Meeting (Review Chapter 1 Introduction and Background)</td>
<td>Summer 2016</td>
</tr>
<tr>
<td>Planning Team Meeting (Review Chapter 2 Hazard Identification)</td>
<td>Spring 2019</td>
</tr>
<tr>
<td>First Public Meeting – Introduction to Hazard Mitigation Planning and Review of Chapters 1-4</td>
<td>Spring 2019</td>
</tr>
<tr>
<td>Planning Team Meeting (Review Chapter 3 Hazard Mitigation Strategies and Planning Plan Adoption, Implementation, Integration, and Use)</td>
<td>Winter 2020</td>
</tr>
<tr>
<td>Submit Draft Plan Update to Wisconsin Division of Emergency Management for Review</td>
<td>April 1, 2020</td>
</tr>
<tr>
<td>Review Plan Based on State Review</td>
<td>May 2020</td>
</tr>
<tr>
<td>Submit Final Plan Update to the Federal Emergency Management Agency for Approval, Adoption</td>
<td>May 31, 2020</td>
</tr>
<tr>
<td>Flood Damage Claims to County and Municipalities</td>
<td>July 1, 2020</td>
</tr>
<tr>
<td>Final Guidance for Individual Communities</td>
<td>August 1, 2020</td>
</tr>
<tr>
<td>Commission for Individual Communities</td>
<td>August 31, 2020</td>
</tr>
</tbody>
</table>

Estimated completion dates assume a nine-year extension approval by FEMA.

NOTE: The 2013 Hazard Mitigation Plan expires 10/18/2014 per WEM.

Project Web Site

http://www.sewrpc.org/SEWRPC/communityassistance/Hazard-Mitigation-Planning.htm

- Agendas and other meeting materials
- Summary notes from meetings
- Presentations
- Draft chapters as they are completed
- Comment screen
- Other ways to send a comment:
  - mbeauchaine@sewrpc.org
  - 262.953.4286

Project Web Site (cont.)
Questions?

Hazard Vulnerability and Risk Assessment Tool

<table>
<thead>
<tr>
<th>EVENT</th>
<th>PROBABILITY</th>
<th>HUMAN IMPACT</th>
<th>PROPERTY IMPACT</th>
<th>ENVIRONMENTAL IMPACT</th>
<th>PREPAREDNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Score</td>
<td>1: Low</td>
<td>1: Min</td>
<td>1: Low</td>
<td>1: None</td>
<td>Preplanning</td>
</tr>
<tr>
<td>1. Tornadoes</td>
<td>2: Moderate</td>
<td>2: Medium</td>
<td>2: Moderate</td>
<td>2: None</td>
<td>Preplanning</td>
</tr>
<tr>
<td>2. Lightning</td>
<td>3: High</td>
<td>3: High</td>
<td>3: High</td>
<td>3: None</td>
<td>Preplanning</td>
</tr>
</tbody>
</table>