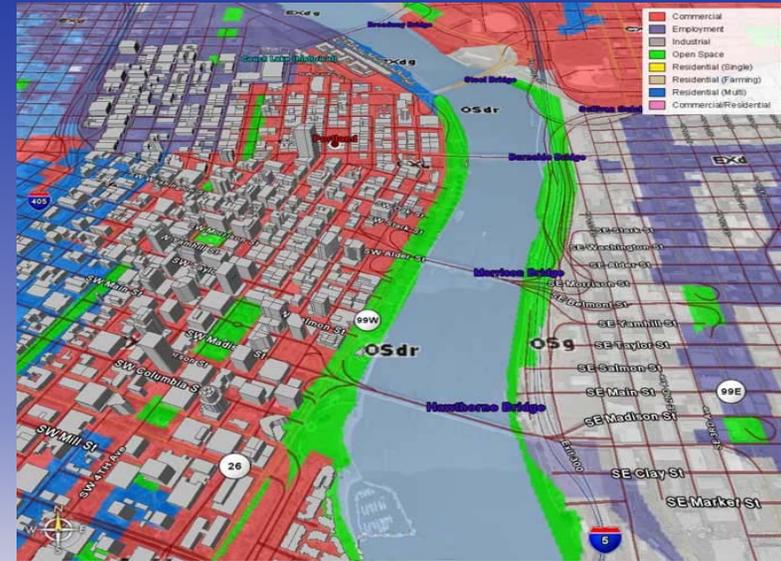




ITEMA

What You Need to Know About Developing an All Hazard Mitigation Plan





Disaster Mitigation Act of 2000

DMA2K or DMA 2000

- Provides new planning requirements for states and communities with a focus on process and participation.
- Ties Hazard Mitigation Grant Program (HMGP) & Pre-Disaster Mitigation Program (PDM) eligibility to plan approval



Purpose of the All Hazard Mitigation Plan

- To produce a document that a locality may use to identify long-term, proactive projects and strategies to help reduce the loss of life and property resulting from natural hazards.
- The plan may also serve as a Flood Mitigation Assistance Plan (FMA) and/or a Community Rating System Plan (CRS)



Roles and Responsibilities

- **Planning District Commissions and/or Professional Planners** are responsible for overall project management, coordination & communication.
- Participating jurisdictions are responsible for meetings, strategy development, public involvement, plan review and adoption.





What Will Be Covered in the Plan

- Planning Process
- Public Participation
- Hazard Identification & Risk Assessment (HIRA)
- Vulnerability Assessment
- Mitigation Goals and Strategies
- Plan Maintenance
- Submitting the Plan for Review
- Adoption



Planning Process

- Describe how the plan was prepared which may include the time it took or the type and outcome of meetings/workshops.
- Describe in detail who was involved, such as external contributors and the planning committee.
- Describe how each jurisdiction participated & what efforts were made to involve those that did not participate.
- Describe how information was received & integrated from existing plans, studies, reports & technical documents.



Public Participation

- Local representatives **MUST** participate by serving on a committee or taking part in a public meeting.
- Explain & document how the public was given the opportunity to comment on the plan.
- Discuss how local, state, & federal agencies, neighboring jurisdictions, local businesses, community leaders, educators & other private and non-profit interest groups participated.
- At least 2 public meetings are required: One to present the draft of the plan & one prior to adoption
- IEMA and FEMA recommend inviting the public to any meetings & and one of the most common ways to accomplish this is with a website.



Hazard Identification and Risk Assessment (HIRA)

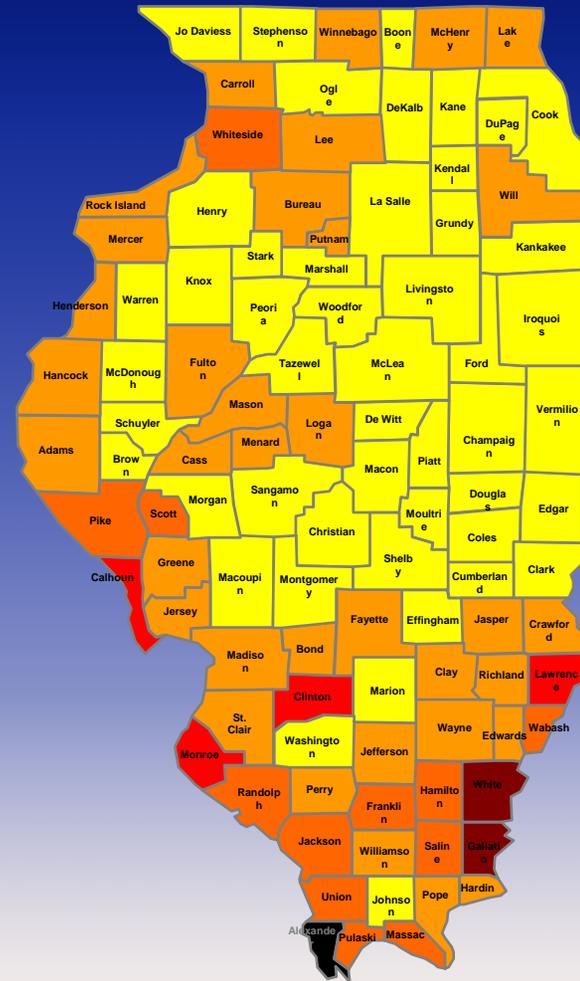
- Describe the location or geographic area affected by each specific hazard including the hazard's extent or magnitude.
- Describe past events & the probability of future events in the planning area.
- Discuss hazards that were considered but determined to be of low risk & state they will not be addressed any further.





Hazard Identification & Risk Assessment (HIRA) cont'd

- Identify and assess all risks that are not common to the entire planning area.
- Provide sufficient information in order to identify and prioritize appropriate mitigation actions.
- Note any limitations & describe methodology.





Vulnerability Assessment

- Include an overall summary description.
- Describe the jurisdiction's vulnerability to each identified hazard.
- Describe the hazard's impact such as the kind & level of damage in terms of dollar value, percent of damage, days of duration, etc.



Vulnerability Assessment

- Information that can be included but is not currently required:
 - Identifying the type & number of existing & future buildings, infrastructure & critical facilities within each hazard area
 - Describing vulnerability in terms of potential dollar losses
 - Describing the methodology used to estimate losses
 - Providing a general overview of land uses & describing development trends.



Mitigation Goals & Strategies

- Describe the hazard reduction goals. Based on the risk assessment findings, they should be long-term & represent what the community wants to achieve.
- List all mitigation actions & projects considered.
- Include actions that address future & existing buildings & infrastructure.
- Explain the reasons for selecting actions & how they are prioritized.



Mitigation Goals & Strategies

- Describe the implementation & administration of the plan, including the responsible organization, funding source and target completion date.
- Identify at least one mitigation action per jurisdiction.
- Describe the cost-benefit review that identified the actions with the greatest benefits.



Plan Maintenance

- Describe the method, schedule and who is responsible for evaluation & updating the plan.
- Describe applicable local planning mechanisms such as comprehensive or capital improvement plans, zoning & building codes, site development regulations & permits.
- Describe how the mitigation plan elements will be incorporated into local plans.
- Describe ongoing public participation opportunities.



Submitting the Plan for Review

- Provide 2 hard copies, 2 electronic copies, & a Crosswalk to IEMA for review.
- Crosswalk should identify page numbers where criterion has been met in plan.



Winnebago Countywide Multi-Hazard Mitigation Plan

December 21, 2007

Prepared for:

Cherry Valley, Village of
Durand, Village of
Loves Park, City of
Machesney Park, Village of
New Millford, Village of
Pecatonica, Village of
Rockford, City of
Rockton, Village of
Roscoe, Village of
South Beloit, City of
Winnebago, Village of
Winnebago County

In Partnership with:



Fuller, Mossbarger, Scott and May Engineers, Inc.



Example of Crosswalk submitted to IEMA

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK

FEMA REGION [INSERT #]

Jurisdiction:

RISK ASSESSMENT: §201.6(c)(2): *The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

Identifying Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment shall include a] description of the type ... of all natural hazards that can affect the jurisdiction.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan include a description of the types of all natural hazards that affect the jurisdiction? If the hazard identification omits (without explanation) any hazards commonly recognized as threats to the jurisdiction, this part of the plan cannot receive a Satisfactory score. Consult with the State Hazard Mitigation Officer to identify applicable hazards that may occur in the planning area.	Section 3.1.1 Section 3.1.2 and subsections			
SUMMARY SCORE				

Profiling Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment shall include a] description of the ... location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the risk assessment identify the location (i.e., geographic area affected) of each natural hazard addressed in the plan?	Section 3.2.2 and subsections			
B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the plan?	Section 3.2.2 and subsections			
C. Does the plan provide information on previous occurrences of each hazard addressed in the plan?	Section 3.2.2 Appendix G			
D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the plan?	Section 3.3.2 and subsections			
SUMMARY SCORE				



Adoption

- Once FEMA approves the final draft, as stated by **Title 44 §201.6 of the Code of Federal Regulations** the plan must be formally adopted by all participating jurisdictions.
- IEMA encourages local governments to adopt this plan by resolution.
- IEMA believes a public hearing process stresses the importance of DMA 2000, which states the “open public involvement process is essential to the development of an effective plan.”



For more information...

- www.fema.gov
- Ron Davis
 - State Hazard Mitigation Officer
 - Ron.davis@illinois.gov
- Jared Owen
 - State of Illinois Mitigation Planner
 - Jared.owen@illinois.gov