



SOUTH CENTRAL REGION MULTI-JURISDICTION HAZARD MITIGATION PLAN

Advisory Committee Meeting
September 12, 2012

SCRCOG

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AGENDA FOR TODAY

- **Purpose of Meeting**
 - Engage All Advisory Committee Members
 - Distribute Project Binders
 - Review Work Plan and Gather Input on Public Outreach Strategy, Hazard Identification, and Mitigation Goals
- **Project Work Plan and Schedule**
 - Review Advisory Committee Roles
 - Discussion / Q&A
- **Public Outreach Strategy**
 - Review Essential Components
 - Discuss Additional Ideas
- **Hazard Identification**
 - Preliminary Consensus Building Exercise
 - Data Collection Update
- **Mission Statement, Goals and Objectives**
 - Review Examples
 - Identify Key Themes
- **Discussion and Next Steps**
 - Survey Participation
 - Next Meeting

PROJECT TASKS – REVIEW WORK PLAN AND SCHEDULE

Key Project Tasks:

1. Planning Process
2. Hazard Identification and Risk Assessment
3. Capability Assessment
4. Mitigation Strategy
5. Plan Maintenance Process
6. Plan Adoption and Approval

Theme: Municipalities are individual entities with specific characteristics/risks that need to be addressed.

ADVISORY COMMITTEE ROLES

- Participate in 8 Advisory Committee meetings
- Coordinate and assist with local workshops
- Identify stakeholders in each municipality, assist with local site visits and meetings (work with Eugene Livshits to schedule meetings for October)
- Make decisions on plan process and content
- Submit mitigation action implementation worksheets
- Review draft plan deliverables
- Be a resource to the SCRCOG and contractors

PUBLIC OUTREACH STRATEGY

■ Purpose:

- Engage public to meet FEMA requirements for mitigation planning
- Generate public interest, solicit citizen input, engage additional partners in the planning process
- “Ground-truthing”
- Consensus building
- Create multiple opportunities to participate



OUTREACH STRATEGIES

- Advisory Committee
- Municipality Meetings
- Regional Public Workshops
- Toolkit for Floodplain Management
- Project Fact Sheet
- Municipality Survey
- Public Survey
- SCRCOG Website
- Consider Social Media
- News Media
- Draft Plan Review



MEETINGS AND PUBLIC WORKSHOPS

- Advisory Committee Meetings
- Municipality Visits with Key Stakeholders
 - Identify essential facilities
 - Locate possible risk areas
 - Discuss past areas that have been damaged
 - Focus on individual municipalities
 - Meetings held in October – start thinking about who should attend and collaborate with Eugene Livshits on logistics!
- Regional Public Workshops



TOOLKIT AND PROJECT FACT SHEET



■ Toolkit for Floodplain Mapping

- To be produced for public workshops held as part of this project
- To include non-technical guidance and visuals for property owners on:
 - FEMA floodplain mapping process
 - Differences in flood zones
 - Insurance requirements
 - Procedures for appeals, map amendments or revisions

■ Fact Sheet

- Basic project information
- Link to the SCRCOG Mitigation Planning webpage
- Double-sided PDF available for printing or posting on the web.

2 SURVEYS — PUBLIC AND MUNICIPAL STAKEHOLDER

■ Public Opinion Survey

- Opportunity to share opinions and participate in the mitigation planning process
- Help local and regional officials understand public's hazard concerns and interest and knowledge in mitigation and preparedness

■ Municipal Survey

- Help identify unique hazard risks and areas of concern
- Share information on local mitigation capabilities
- Share mitigation goals and actions currently engaged in

■ Each is Voluntary!

NEWS MEDIA

■ SCRCOG Website

- <http://www.scrkog.org/regional-hazard-mitigation.html>
- Links from municipal sites

■ Social Media – consideration

- Facebook
- Twitter
- LinkedIn
- YouTube

■ Regional Media

- Press releases
- Public notices

The screenshot displays the SCRCOG website's 'REGIONAL HAZARD MITIGATION' page. At the top, the SCRCOG logo is followed by the text 'SOUTH CENTRAL REGIONAL COUNCIL OF GOVERNMENTS' and the tagline 'Planning for Our Region's Future'. Below this is a large image of a park with trees. To the right of the image is a calendar for September 2012, with the 1st highlighted. Below the image is a navigation bar with links: 'WHO WE ARE', 'TRANSPORTATION PLANNING', 'REGIONAL PLANNING', 'PLANS & REPORTS', and 'AGENDAS & MEETING SCHEDULES'. The main heading is 'REGIONAL HAZARD MITIGATION'. Below this, a paragraph states that the South Central Regional Council of Governments has been awarded a grant from the CT Department of Energy and Environmental Protection (DEEP) to develop a Multi-Jurisdictional Hazard Mitigation Plan for Bethany, Branford, Hamden, Madison, North Branford, North Haven, Orange, Wallingford, West Haven, and Woodbridge. It mentions that five additional municipalities in the Region (East Haven, Guilford, Meriden, Milford, and New Haven) have completed or are currently working on a Hazard Mitigation Plan and have been invited to participate in this planning process. Below this is a timeline titled 'South Central Region Hazard Mitigation Plan Timeline' showing the progression from June 2012 to December 2012. The timeline includes milestones: 'Hazard Identification and Risk Assessment' (completed), 'Planning Process' (in progress), and 'Capability Assessment' (upcoming). Below the timeline is a 'Get Involved' section with a link to 'Advisory Committee Meeting at 1:30 (SCRCOG Office)' for September 12, 2012. To the right of the timeline is an 'ANNOUNCEMENTS' section with a link to 'Public Meeting' and a link to 'Other News'. Below the 'Get Involved' section is a 'Resources' section with links to 'Advisory Committee Meetings', 'Public Participation', and 'Background Materials'. At the bottom of the page, there are links to 'Agenda & Presentation' for August 14, 2012, and 'Agenda' for September 12, 2012.

DRAFT PLAN REVIEW

- Distributed to the Advisory Committee
- Posted on the SCRCOG Mitigation Planning page
- Shared with key stakeholders:
 - Neighboring communities
 - Local and regional agencies involved in hazard mitigation activities
 - Agencies that have the authority to regulate development
 - Businesses, academia and other private and non-profit interests

HAZARD IDENTIFICATION

- Focus of Plan is on Natural Hazards

Potential Hazards (SCRCOG)	Connecticut's Natural Hazard Mitigation Plan (2010)
River/Coastal Flooding	Tropical Cyclones (Hurricane & Tropical Storm)
Severe Thunderstorm/Tornado	Winter Storms
Hurricane/Tropical Storm	Flooding
Nor'easter	Ice Jams
Severe Winter Storm	Dam Failures
Ice Jam	Wildland Fires
	Tornadoes
Extreme Heat	Drought
Climate Change	Earthquakes
	Tsunami

HAZARD IDENTIFICATION

- Hazards Recommended for Initial Consideration:

Atmospheric	Hydrologic	Geologic	Other
Extreme Temperatures	Coastal Erosion	Earthquake	Wildfire
Hurricane/Tropical Storm	Dam Failure	Expansive Soils	
Nor'easter	Drought	Land Subsidence	
Severe Thunderstorm (includes high winds, hail, and lightning)	Flood (<i>includes coastal, riverine and flash flooding</i>). Also includes <i>ice jams and storm surge</i> .	Landslide	
Tornado	Sea Level Rise	Sinkhole	
Severe Winter Storm (includes snow and ice)		Tsunami	

* Climate change may be addressed in terms of its potential effects on the frequency and intensity of natural hazards.

HAZARD IDENTIFICATION

- “Mayor for a Day” Exercise

- \$20M hazard mitigation grant has just been awarded to your community
- As Mayor, you must first prioritize your hazards for mitigation projects
- At least 50% of funds must be spent on the same hazard

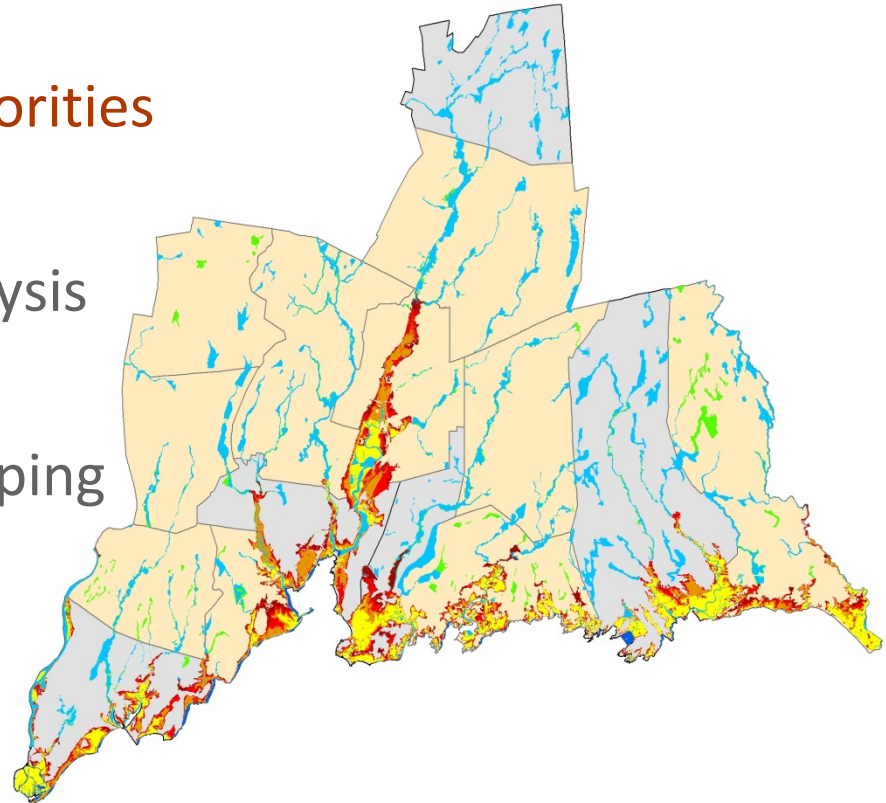


RISK ASSESSMENT

- Helps establish mitigation priorities

- Key Steps

- ☒ Data Collection and Analysis
- ☒ Hazard Identification
- ☐ Hazard Profiles and Mapping
 - Location
 - Extent
 - Previous occurrences
 - Probability of future occurrences
- ☐ Inventory of Community Assets
- ☐ Vulnerability Assessment



DATA “WISH LIST”

- GIS Data Inventory spreadsheet is currently being completed in cooperation with SCRCOG and municipalities
 - Administrative / Political Boundaries
 - Population and Demographics
 - Buildings, Infrastructure and Critical Facilities
 - Topography, Hydrology and Geology
 - Transportation
 - Land Use
 - Aerial Imagery
 - Hazards

MITIGATION TECHNIQUES

1. Prevention

- Typically government programs – building codes, floodplain regulations

2. Property Protection

- Modification of buildings, building elevation, seismic retrofit

3. Natural Resource Protection

- Protect natural resources, land acquisition, floodplain protection

4. Structural Projects

- Modify environment with construction, dams, storm sewers, beach nourishment

5. Emergency Services

- Warning systems, sandbagging, evacuation planning

6. Public Education and Awareness

- Outreach projects, hazard mapping, real estate disclosure

MISSION STATEMENT, GOALS AND OBJECTIVES

- **Mitigation Strategy**

- Long-term blueprint for reducing the potential losses identified in the risk assessment. The mitigation strategy describes how the community will accomplish the overall purpose, or mission, of the planning process.

- **Goals**

- Long-term outcomes

- **Actions**

- Specific actions taken to reduce risk to hazards
- Objectives – can be used to organize actions and are still measurable

- **Action Plan**

- How the actions will be prioritized and implemented

STATE OF CONNECTICUT - GOAL

- State of CT 2010 Natural Hazard Mitigation Plan Update, Mission to mitigate effects of natural hazards by minimizing loss of life and property damage.
 1. Promote implementation of sound floodplain management and other natural hazard mitigation principles on a state and local level;
 2. Encourage research to support management and planning activities for natural hazard mitigation and State investment policies; and
 3. Promote implementation of effective natural hazard mitigation projects on a state and local level.

GOAL: REDUCE LOSSES OF LIFE AND PROPERTY, AND MINIMIZE ECONOMIC CONSEQUENCE OF NATURAL HAZARDS. (CCRPA)

- **Objective 1.** Update town policies and plans to encourage sound practices.
- **Objective 2.** Ensure access to critical facilities.
- **Objective 3.** Improve capacity to deal with hazards by investing in necessary equipment and training.
- **Objective 4.** Enable residents to better help themselves through preparedness education.
- **Objective 5.** Continue participation in National Flood Insurance Program.

EXAMPLE GOAL STATEMENTS

- To reduce the loss of life and property and economic consequences as a result of natural disasters. (New Canaan)
- Reduce the loss of life and property and economic consequences as a result of flooding, high winds, severe winter storms and dam failure. (Norwalk)
- The primary goal of this hazard mitigation plan is to reduce the loss of or damage to life, property, infrastructure, and natural, cultural, and economic resources from natural disasters. This includes the reduction of public and private damage costs. Limiting losses of and damage to life and property will also reduce the social, emotional, and economic disruption associated with a natural disaster. (Guilford & East Haven)

DEVELOPING, ADOPTING, & IMPLEMENTING PLAN WILL...(GUILFORD & EAST HAVEN)

- Increase access to and awareness of funding sources for hazard mitigation projects.
- Identify mitigation initiatives to be implemented if and when funding becomes available.
- Connect hazard mitigation planning to other community planning efforts.
- Improve the mechanisms for pre-disaster and post-disaster decision making efforts.
- Improve the ability to implement post-disaster recovery projects.
- Enhance and preserve natural resource systems.
- Educate residents and policy makers about natural hazard risk and vulnerability.
- Complement future Community Rating System (CRS) efforts.

MECKLENBURG COUNTY – LARGE MULTI-JURISDICTION PLAN

1. Mecklenburg County and participating municipalities will **identify and implement hazard mitigation projects** designed to reduce the impact of future hazard events.
2. Mecklenburg County and participating municipalities will **conduct education and outreach activities** intended to better inform people about natural hazards and the steps that can be taken to reduce their impact.
3. Mecklenburg County and participating municipalities will **conduct training and exercises** intended to better prepare government officials to respond to, mitigate against and recover from emergencies and disasters.
4. Mecklenburg County and participating municipalities will **improve their ability to warn people** of impending hazards and disasters.
5. Mecklenburg County and participating municipalities will **enact planning and policy measures** to reduce the impacts of identified hazards.
6. Mecklenburg County and participating municipalities will **implement traffic control procedures** intended to reduce injuries and the loss of life before, during and after emergencies and disasters.

DISCUSSION AND NEXT STEPS

- **Contract Team**
 - Finalize Public Outreach Strategy and begin implementation
 - Continue GIS data collection, begin hazards analysis
- **SCRCOG**
 - Assist with data collection
 - Maintain SCRCOG Webpage
 - Implement Public Outreach Strategy – including surveys
- **Advisory Committee**
 - Continue assisting SCRCOG with data collection
 - Identify local stakeholders for municipality meetings
 - Distribute survey link
- **Schedule Next Meeting**
 - October 10, 2012 (1:30-3:30 PM)



THANK YOU

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