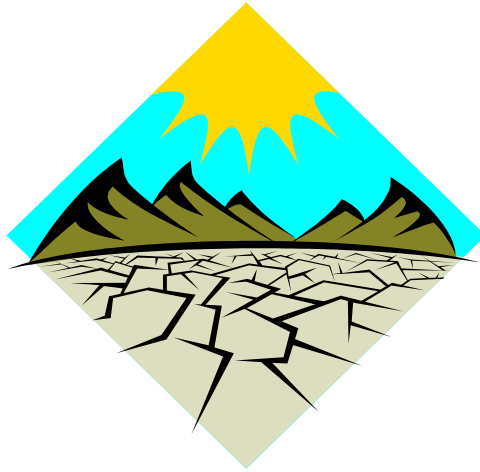


# UPDATE OF HAZARD MITIGATION PLAN FOR THE CAPITOL REGION

## Mitigation Action Summary

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# AGENDA

- Presentation of “Fact Sheets”
- Review of Regional (CRCOG) Mitigation Actions
- Review of Actions From New Initiatives
- Review of Other Actions Found in Multiple Annexes
- Next Steps

# FACT SHEETS

- Impacts of Climate Change
- Public Outreach and Engagement
- Regional Challenges
- New Initiatives
- Mitigation Success Stories

# REVIEW OF REGIONAL (CRCOG) MITIGATION ACTIONS

- Objective 1: Improve stormwater management and ground water recharge throughout the region to prevent increased flooding and lessen the effects of drought.
  - 1.1 Encourage all municipalities in the Capitol Region to adopt regulations that incorporate or refer to recommended practices from the most current Connecticut Stormwater Quality Manual, Connecticut Guidelines for Erosion and Sedimentation Control and in particular those that promote low impact development and green infrastructure techniques, to encourage development that is in harmony with natural drainage systems.
  - 1.2 Foster improved understanding of the importance of stream management, maintenance of natural drainage, and use of green infrastructure practices among municipal staff, inland wetlands commissions and planning and zoning commissions through education.

# REVIEW OF REGIONAL (CRCOG) MITIGATION ACTIONS

- Objective 2: Assist municipalities in implementing hazard mitigation strategies.
  - 2.1 Work with member municipalities to maintain this regional natural hazard mitigation plan with updates at least every five years.
  - 2.2 Annually notify communities of the opportunities to apply for mitigation funds under the PDM and FMA programs and notify communities of HMGP opportunities as applicable. Provide letters of support when appropriate.
  - 2.3 Incorporate additional natural hazard mitigation concerns into the regional plan of conservation and development if it is updated in the 2019-2024 timeframe, and provide specific instructions to municipalities to address natural hazards mitigation in local plans of conservation and development as they are updated.
  - 2.4 Encourage municipalities to participate in the National Flood Insurance Program's Community Rating System by hosting an information workshop.

# REVIEW OF REGIONAL (CRCOG) MITIGATION ACTIONS

- Objective 3: Assist municipalities in minimizing risks associated with power disruptions.
  - 3.1 Encourage the installation of generators at critical facilities and in developments serving the elderly or special need populations, or development of microgrids to serve the same purpose, through outreach and associated work with local officials to determine which facilities still do not possess standby power but require it.

# REVIEW OF REGIONAL (CRCOG) MITIGATION ACTIONS

- Objective 4: Assist municipalities in minimizing risks associated with droughts.
  - 4.1 Assist municipalities that do not currently have drought ordinances in enacting such ordinances to enable the enforcement of water conservation, and assist with messaging and notifications regarding droughts. These actions should be consistent with guidance resulting from implementation of the State Water Plan (2018) and the Coordinated Water System Plan (2018), as well as the updated Connecticut Drought Preparedness and Response Plan.

# REVIEW OF ACTIONS FROM NEW INITIATIVES

- Historic and Cultural Resources
- Repetitive Loss Properties
- Helping Small Businesses
- Stormwater Management
- Critical Facilities of Regional Significance
- “Sustainable CT”
- Low Impact Development and Green Infrastructure
- Training and Education



## HISTORIC AND CULTURAL RESOURCES

	Action	Which Towns?	From
1	Coordinate with CT SHPO to conduct outreach to owners of historic properties to educate them on methods of retrofitting historic properties to be more hazard-resilient while maintaining historic character.	Towns with known, listed historic resources in flood zones	SHPO and the risk assessment
2	Coordinate with CT SHPO to conduct historic resource surveys, focusing on areas within natural hazard risk zones (such as 1% and 0.2% annual-chance flood zones, high wildfire hazard zones, and areas on or near steep slopes) to support the identification of vulnerable historic properties and the preparation of resiliency plans across the state. In completing this action the community will be able to leverage existing resources and best practices for the protection and preservation of historic and cultural resources through an ongoing statewide initiative by CT SHPO.	All towns	SHPO and the risk assessment

## REPETITIVE LOSS PROPERTIES

	Action	Which Towns?	From
1	Work with CT DEEP to complete a formal validation of the Repetitive Loss Property list and update the mitigation status of each listed property.	Towns with potential RL list problems and need for updates	FEMA and the risk assessment
2	Contact the owners of Repetitive Loss Properties and nearby properties at risk to inquire about mitigation undertaken and suggest options for mitigating flooding in those areas. This should be accomplished with a letter directly mailed to each property owner.	Towns with RL properties	FEMA and the risk assessment

## HELPING SMALL BUSINESSES MITIGATE IMPACTS OF HAZARDS

	Action	Which Towns?	From
1	Conduct outreach to local small businesses with the aim of preventing the accidental release and pollution from chemicals stored and used at their facilities during or following natural hazard events.	All	DEEP Initiative

## STORMWATER MANAGEMENT

	Action	Which Towns?	From
1	Coordinate with NEMO and CRCOG to share resources and gain technical support for hazard mitigation actions involving stormwater management and public outreach, which have parallel benefits related to MS4 stormwater permit compliance.	MS4-regulated Towns	CRCOG, NEMO, Town interests

## CRITICAL FACILITIES AND ASSETS OF REGIONAL SIGNIFICANCE

	Action	Which Towns?	From
1	Work with MDC to identify potential hazard mitigation actions for MDC facilities, and list those actions in the next HMP Update.	Towns with MDC facilities	MDC participation, meetings with Towns
2	Conduct annual exercise with MDC that specifically includes the Nepaug and Barkhamsted Reservoir dams.	Towns downstream of MDC dams	MDC participation, meetings with Towns

## “SUSTAINABLE CT”

	Action	Which Towns?	From
1	Register as a Sustainable CT community and make progress with the hazard mitigation goals associated with registration.	All that are not yet registered	State, other interested parties, some towns

# LOW IMPACT DEVELOPMENT AND GREEN INFRASTRUCTURE

	Action	Which Towns?	From
1	Review the LID Manual developed by the Northwest Hills Council of Governments and determine whether LID can be incorporated locally to increase rural resiliency.	Rural	CIRCA-funded resiliency planning

# TRAINING AND EDUCATION

	Action	Which Towns?	From
1	Participate in EMI courses or the seminars and annual conference held by the Connecticut Association of Flood Managers.	All	Fulfills FEMA-supported recommendation to continue education



# REVIEW OF OTHER ACTIONS FOUND IN MULTIPLE ANNEXES

- By nature, these are typically related to emergency services
  - Preparedness
  - Standby power
  - Fire suppression
  - Critical facilities
  - Utilities

## OTHER ACTIONS FOUND IN MULTIPLE ANNEXES

Action	How many Towns?
Assess vulnerable population disaster preparedness and emergency assistance protocol to identify opportunities for improvement.	3
Conduct annual outreach campaign to educate residents on signing up for emergency alerts, building and maintaining disaster plans and kits, and improving their disaster readiness.	3
Conduct a wildfire vulnerability and needs assessment to guide construction of additional dry hydrants and/or cisterns and fire roads through forested areas.	3
Assign a municipal staff-member to be a utility liaison responsible for maintaining contact with utility representatives.	3
Pursue agreement with landowner of [private pond] to install a dry hydrant.	2
Pursue opportunities to bury utilities in appropriate locations and scenarios, such as during a road reconstruction.	2
Participate in a regional NFIP Community Rating System if available.	2
Expand emergency communication and notification methods to a variety of media, including radio, TV, social media, Town Website.	2
Develop a list of local resources, including non-profits, volunteers, and gas-stations and grocery stores with emergency generators, to distribute to residents prior to forecast hazard events.	2
Obtain standby power for [a critical facility]	Most

## NEXT STEPS

- Review your annex and provide comments by 9/28/18
- Review the multi-jurisdiction document if interested
- Reserve time in early October to post a link to the public review draft on your municipal web site