Mitigation Action Plan—Town of Carrboro

The Mitigation Action Plan for the Town of Carrboro is divided into two subsections:

7.1 Status of Previously Adopted Mitigation Actions
7.2 New 2015 Mitigation Actions

7.1 Status of Previously Adopted Mitigation Actions

This subsection contains all previously adopted mitigation actions for the Town of Carrboro.

The "2015 Status" field provides a one-word description of the status of the mitigation action. Options for this field are:

- Completed
- In Progress
- Deferred
- Deleted

The "Narrative Explanation" field provides a brief (two to three sentence) written explanation of the status of the action. As examples:

- If the status is "Completed" or "Completed/To Be Continued," the narrative explanation includes specific dates or other pertinent details providing documentation of the action's completion. Where applicable, this also includes any notes describing how successful the action has been.
- If the status is "Partially Completed/In Progress," the narrative explanation will explain where the project is in terms of completion and if there are any barriers to implementation, such as lack of funding.
- If the status is "Deferred" or "Deleted," the narrative explanation will explain why the action has not been started or why the jurisdiction desires to abandon the action. An example of the type of response provided here could be, "Altered conditions due to disaster events and recovery priorities have postponed or permanently delayed the implementation of the action." Any deleted actions will remain in this status update section until the next plan update. At that time, the action will be completely removed from the Plan.

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Mitigation Action 1	The Town of Carrboro, as a member of the Orange County Hazard Mitigation Planning Team, will coordinate with Orange County to reevaluate and update its hazard mitigation planning component at least once every five years or sooner as deemed appropriate by the Orange County Planning Director.
Goal:[1]	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Orange County; Town of Carrboro
Estimated Cost:	N/A
Potential Funding Sources:	Self-funded
Implementation Schedule:	Every five years—next plan update will be in 2020
Priority (High, Moderate, Low):	High
2015 Status:	**Partially Completed/In Progress**
Narrative Explanation:	**The Town of Carrboro has recently participated not only with Orange County but also with Alamance and Durham counties on the development of the new regional hazard mitigation plan for the three counties.**

Mitigation Action 2	The Town of Carrboro intends to submit a Community Rating System (CRS) application to the ISO for a flood insurance rating that will benefit owners of flood-prone properties.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	Town of Carrboro Planning Department
Estimated Cost:	N/A
Potential Funding Sources:	N/A
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate
2015 Status:	**Deferred**
Narrative Explanation:	**The Town of Carrboro continues to consider submitting a CRS application. Previous exploration has not presented a clear positive cost/benefit to the community, due to the low number of insured properties and the extensive commitment of the CRS program. The Town remains committed to evaluating the program and benefits, particularly in relation to the updated insurance rate structure and intends to do so as soon as it can be accomplished; likely within the five-year timeframe of this plan update.**

[1] The previously adopted mitigation actions for the Town of Carrboro did not originally correlate with the new regional mitigation goals developed as part of the 2015 plan update because the 2015 goals did not exist at the time of the last plan update. However, the new regional goals have been integrated with the previously adopted mitigation actions to bring them into the context of the new regional plan where applicable.

Mitigation Action 3	The Town of Carrboro will continue to monitor ongoing efforts by the State and the US Army Corps of Engineers to complete new floodplain mapping for the planning area. Local staff resources will be needed to implement and encourage the completion of these activities.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	Town of Carrboro Planning Department; Town Engineer; Town of Chapel Hill Engineering Department
Estimated Cost:	N/A
Potential Funding Sources:	N/A
Implementation Schedule:	2015-2016
Priority (High, Moderate, Low):	High
2015 Status:	**Partially Completed/In Progress**
Narrative Explanation:	**Preliminary mapping has been carried out and public comment period completed. New mapping information is expected to be effective within the year (2015-2016).**

Mitigation Action 4	The Town of Carrboro needs assistance and support for the development of greenways and parklands dedicated to public use along streams and easements. The Town will seek to secure funding from federal, state, and local sources to implement the Town's greenway system, which will in turn mitigate flood hazards.
Goal:	#1
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	Town of Carrboro Planning Department; Town of Carrboro Recreation Department
Estimated Cost:	N/A
Potential Funding Sources:	N/A
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate
2015 Status:	**Partially Completed/In Progress**
Narrative Explanation:	**Design has been completed for two projects adjacent to Special Flood Hazard Areas (SFHAs). Construction is expected to proceed on one project in FY 15-16 and a second project in FY 17. Design and construction of one additional project is anticipated during the plan period (2015-2020).**

Mitigation Action 5	The Town of Carrboro requires new developments to install electric, cable and telephone wires underground. The older neighborhoods are served by overhead utilities and services fail when fallen trees and or tree limbs break lines. It would be beneficial to locate these utilities underground since the Town has experienced lengthy power outages during ice storms or major storm events such as Hurricane Fran. Retrofitting above ground utilities by placing them underground is beyond the financial means of the Town and could only be accomplished with resources from the utilities and/or with state and federal assistance.
Goal:	#1
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	Hurricanes; Tropical Storms; Thunderstorms; Winter Weather
Lead Agency/Department Responsible:	Town of Carrboro Planning Department; Town of Carrboro Public Works Department; Public Utilities
Estimated Cost:	N/A
Potential Funding Sources:	N/A
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate
2015 Status:	**Partially Completed/In Progress**
Narrative Explanation:	**Funding source not yet identified.**

7.2 New 2015 Mitigation Actions

This subsection contains the new mitigation actions for the Town of Carrboro for the 2015-2020 planning cycle. These actions are in addition to any actions that are ongoing from the previous list of mitigation items.

Mitigation Action 1	Look for opportunities to mitigate repetitive loss structures.
Goal:	#4
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	Town of Carrboro Planning Department, Office of the Carrboro Town Manager
Estimated Cost:	Varies
Potential Funding Sources:	HMA; HMGP; with non-Federal matching funds
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate

Mitigation Action 2	Establish comprehensive framework for plans, policies, and regulations pertaining to land use, generally, and the relationship to natural hazard mitigation.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Town of Carrboro Planning Department
Estimated Cost:	Not known
Potential Funding Sources:	Self-funded
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate-High

Mitigation Action 3	Protect and conserve land with environmental and natural hazard mitigation value as open space.
Goal:	#1
Category:	Natural Resource Protection
Hazard(s) Addressed:	Flood, Hurricane, Landslide
Lead Agency/Department Responsible:	Town of Carrboro Planning Department
Estimated Cost:	N/A
Potential Funding Sources:	Self-funded
Implementation Schedule:	2015-2025
Priority (High, Moderate, Low):	High

Mitigation Action 4	Seek funding to retrofit critical facilities and Town-owned facilities for improved resilience to all hazards with the use of the latest building materials and technology. This could include, but is not limited to: wind retrofits, low water consumption fixtures, leak detectors, backup generators, ignition-resistant materials, 320 or 361 compliant safe rooms, lightning protection, hail resistant roofing, and anchoring fixed building equipment.
Goal:	#4
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Town of Carrboro Planning Department
Estimated Cost:	To be determined on a case-by-case basis
Potential Funding Sources:	Local; State Grants; UHMA Grants; other federal grants
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate

Mitigation Action 5	Seek funding to install backup generators or quick connect hook ups for mobile generators on any newly constructed county/town critical facilities.
Goal:	#4
Category:	Other Types of Actions
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Town of Carrboro Planning Department
Estimated Cost:	To be determined on a case-by-case basis
Potential Funding Sources:	Local; State Grants; UHMA Grants; other federal grants
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate

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