

# Mitigation Action Plan—Orange County

The Mitigation Action Plan for Orange County 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 Orange County.

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.

<b>Mitigation Action 1</b>	<b>Orange County continues to work with State and Federal agencies to complete new floodplain mapping within its jurisdiction. Orange County development regulations do not permit new structures to be constructed in floodplain areas.</b>
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	Orange County Planning and Inspections Department
Estimated Cost:	N/A
Potential Funding Sources:	Self-funded
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate
<b>2015 Status:</b>	<b>Partially Completed/In Progress</b>
<b>Narrative Explanation:</b>	<b>New flood maps were issued to the County in October 2014 and are currently being enforced by County staff. However, the new maps have not been adopted or implemented into the Orange County Zoning Atlas at this time. New flood maps are scheduled for adoption by the Orange County Board of Commissioners in September 2015.</b>

## 7.2 New 2015 Mitigation Actions

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

<b>Mitigation Action 1</b>	<b>Continue implementation of the Orange County 2030 Comprehensive Plan.</b>
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Orange County Planning and Inspections Department
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate

<b>Mitigation Action 2</b>	<b>Continue enforcement of the North Carolina State Building Code.</b>
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Orange County Planning and Inspections
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	High

<b>Mitigation Action 3</b>	<b>Continue participation in the Community Rating System (CRS) and annual recertification in order to increase public safety, reduce property damage, avoid economic loss, and allow for a decrease in flood insurance premiums for Orange County residents.</b>
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood, Hurricane and Tropical Storm
Lead Agency/Department Responsible:	Orange County Planning and Inspections Department
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	High

<b>Mitigation Action 4</b>	<b>Continue participation in the National Flood Insurance Program (NFIP) to reduce the impact of a future flood event, mitigate effects of flooding, and allow citizens to be eligible for affordable flood insurance.</b>
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood, Hurricane and Tropical Storm
Lead Agency/Department Responsible:	Orange County Planning and Inspections Department
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	High

<b>Mitigation Action 5</b>	<b>Strive to ensure future development occurs in a manner that protects floodplains, streams, wetlands, and other natural features which work to reduce flood hazard susceptibility and continue to enforce existing regulations pertaining to stormwater management and erosion control standards contained within the Orange County Unified Development Ordinance</b>
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Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood, Hurricane and Tropical Storm
Lead Agency/Department Responsible:	Orange County Planning and Inspections Department
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	High

<b>Mitigation Action 6</b>	<b>Continue to enforce floodplain regulations through the county's Special Flood Hazard Area (SFHA) Overlay District contained within the Orange County Unified Development Ordinance and continue training efforts for the Certified Floodplain Manager (CFM).</b>
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Goal:	#1,#7
Category:	Local Plans and Regulations, Education and Awareness
Hazard(s) Addressed:	Flood, Hurricane and Tropical Storm
Lead Agency/Department Responsible:	Orange County Planning and Inspections Department
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	High

<b>Mitigation Action 7</b>	<b>Provide staff support and information on Orange County's website to provide education and assistance to residents experiencing floodplain, stormwater, and erosion control issues.</b>
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Goal:	#7
Category:	Education and Awareness
Hazard(s) Addressed:	Flood, Hurricanes and Tropical Storm
Lead Agency/Department Responsible:	Orange County Planning and Inspections Department
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate

<b>Mitigation Action 8</b>	<b>Provide education and outreach to Orange County residents in order to increase awareness of natural hazard potential in the county and maintain a link to the Eno-Haw Regional Hazard Mitigation Plan on Orange County's website.</b>
Goal:	#6, #7
Category:	Education and Awareness
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Orange County Planning and Inspections Department; Emergency Services
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate

<b>Mitigation Action 9</b>	<b>Engage in regional events, activities, and training opportunities related to natural hazards in order to improve communication, enhance partnerships, and improve planning efforts with other local jurisdictions.</b>
Goal:	#3, #7
Category:	Education and Awareness
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Emergency Services
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate

<b>Mitigation Action 10</b>	<b>Strive to improve communication and outreach to Orange County residents before, during, and after a hazard weather event with the county's website, press releases, social media accounts, and the OC Alerts system in order to keep residents informed and improve public safety in and around the county.</b>
Goal:	#3
Category:	Education and Awareness
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Emergency Services
Estimated Cost:	N/A
Potential Funding Sources:	General Fund (existing staff salaries)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate

<b>Mitigation Action 11</b>	<b>Explore the possibility of retrofitting existing critical facilities with back-up generators.</b>
Goal:	#4, #5
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Emergency Services, Asset Management Services
Estimated Cost:	N/A
Potential Funding Sources:	Unified Hazard Mitigation Assistance (UHMA)
Implementation Schedule:	2020
Priority (High, Moderate, Low):	Moderate

<b>Mitigation Action 12</b>	<b>Explore the possibility of retrofitting critical facilities to harden against high winds and lightning.</b>
Goal:	#4, #5
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Emergency Services, Asset Management Services
Estimated Cost:	N/A
Potential Funding Sources:	Unified Hazard Mitigation Assistance (UHMA)
Implementation Schedule:	2020
Priority (High, Moderate, Low):	Moderate

<b>Mitigation Action 13</b>	<b>Conduct a cost-benefit review during the planning and design phase of construction of new government owned facilities or critical facilities to determine the feasibility of equipping the facility with back-up generators, lightning protection, high wind protection, and/or 361 compliant tornado shelters.</b>
Goal:	#4, #5
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Emergency Services, Asset Management Services
Estimated Cost:	N/A
Potential Funding Sources:	Unified Hazard Mitigation Assistance (UHMA)
Implementation Schedule:	2015-2020
Priority (High, Moderate, Low):	Moderate