



The Disaster Relief and Resilience Act of 2020 amended Section 6-29-510 (D) of the SC Local Government Comprehensive Planning Enabling Act to require the development of a separate resiliency element for the Comprehensive Plan. Per the requirements of the act, the element should consider the impacts of flooding, high water, and natural hazards on individuals, communities, institutions, businesses, economic development, public infrastructure and facilities, and public health, safety and welfare. The element should also promote resilient planning, design and development; be coordinated with adjacent jurisdictions and agencies; and be coordinated with the other elements and the comprehensive plan goals and strategies.

# Resilience

## Summary of Key Findings

- The Cayce area has a medium to high social vulnerability rating
- Flood damage results from localized heavy precipitation and flash flooding due to poor drainage
- Cayce has significant drainage issues in built up areas (e.g., avenues)
- Some development in floodplains along Congaree Creek and the Congaree River
- Entire county is at risk from hurricane force winds and associated heavy precipitation
- The City is vulnerable to extreme heat, drought, and winter weather
- Significant hazard events are expected to increase in frequency and intensity as a result of climate change

## Issues and Opportunities

**Government and Stakeholder Coordination.** The City should continue to build and strengthen relationships with neighboring jurisdictions and organizational partners, and collaborate with them on the planning and implementation of natural hazard mitigation and economic resiliency and recovery projects. The City should also coordinate closely with Central Midlands Council of Governments to help keep the Regional Natural Hazard Mitigation Plan up-to-date, and to pursue FEMA grant funding for mitigation projects.

**Stormwater Management/Drainage/Flood Mitigation.** Because of the high risk for localized and catastrophic flooding, Cayce should prioritize drainage and stormwater improvements in targeted areas. The City should also assess the level of existing development within floodplain areas and identify opportunities for preserving and restoring key riparian corridors.

## Related Goals and Strategies

The key issues and opportunities identified below relate to the comprehensive plan goals listed below. Relevant objectives and strategies corresponding with these goals are summarized in Table 10.4.

Goal # 7: Promote and Prioritize Community Resilience in City Plans, Policies, and Regulations

## Performance Metrics

To assist with monitoring progress towards achieving relevant goals and objectives, the City should collect and analyze the following data:

- Flood Hazard Development - Number, acreage
- Stormwater/Drainage Complaints - Number, type
- Stormwater/Drainage Projects - Number, location

**Table 10.4: Goals, Objectives, and Strategies**

Goal # 7: Promote and Prioritize Community Resilience in City Plans, Policies, and Regulations

Develop and adopt an updated hazard mitigation plan

- Participate in the development of the CMCOG Regional Hazard Mitigation Plan and adopt the most recent plan
- Annually review the current Hazard Mitigation Plan strategies and consider implementation
- Identify opportunities for integrating mitigation and resilience strategies into other City programs, plans, and policies to include strengthening the floodplain development ordinance and incentivizing use of Low Impact Development techniques

Coordinate resilience related efforts with neighboring jurisdictions and partner agencies and organizations

- Develop a contact database of resilience related agencies and organizations
- Develop and implement a system for outreach and coordination with these stakeholders regarding resilience related efforts
- Develop a public education and outreach strategy for all resilience related efforts
- Continue to monitor, local, state, federal, and private initiatives and best management practices related to resilience strategies
- Develop an asset management plan, life cycle cost analysis, and risk register for City owned utilities and facilities

Identify funding opportunities for implementing mitigation and resilience strategies

- Develop an inventory of federal, state, and local funding opportunities
- Assess the feasibility of using hospitality tax funding for implementing mitigation strategies to protect vulnerable hospitality and tourism assets such as the Three Rivers Greenway and Cayce River Arts District