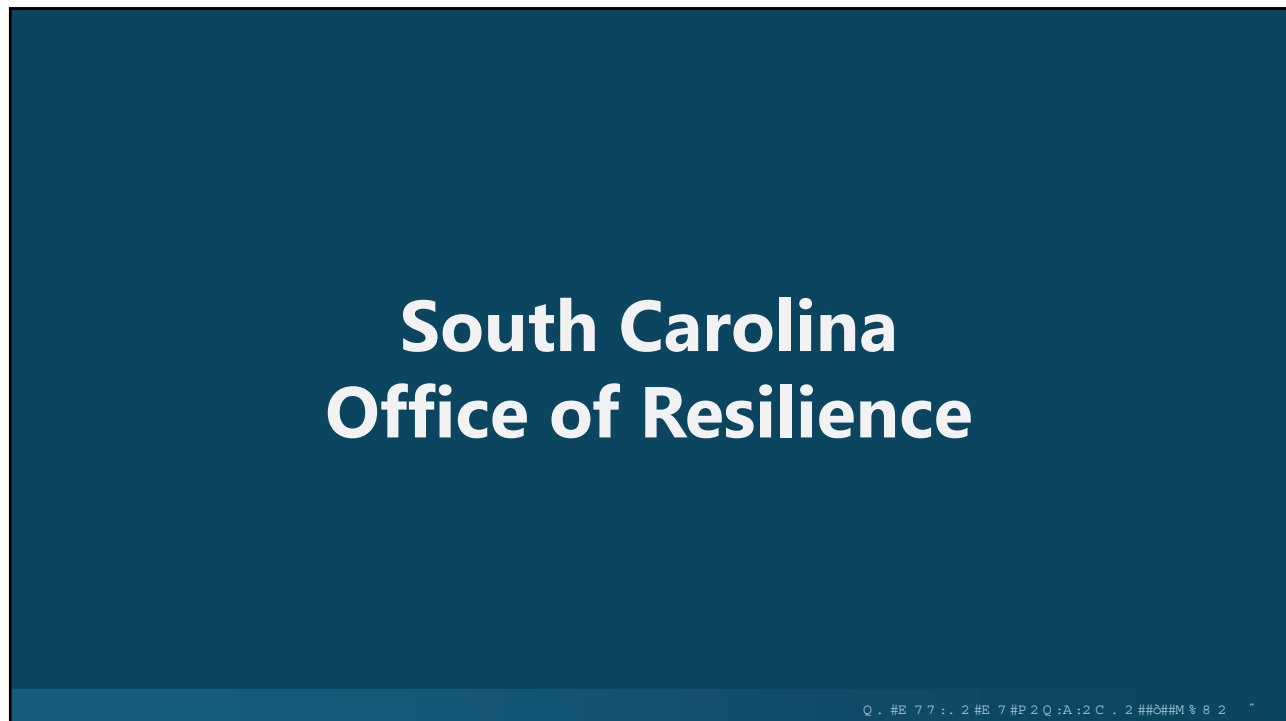
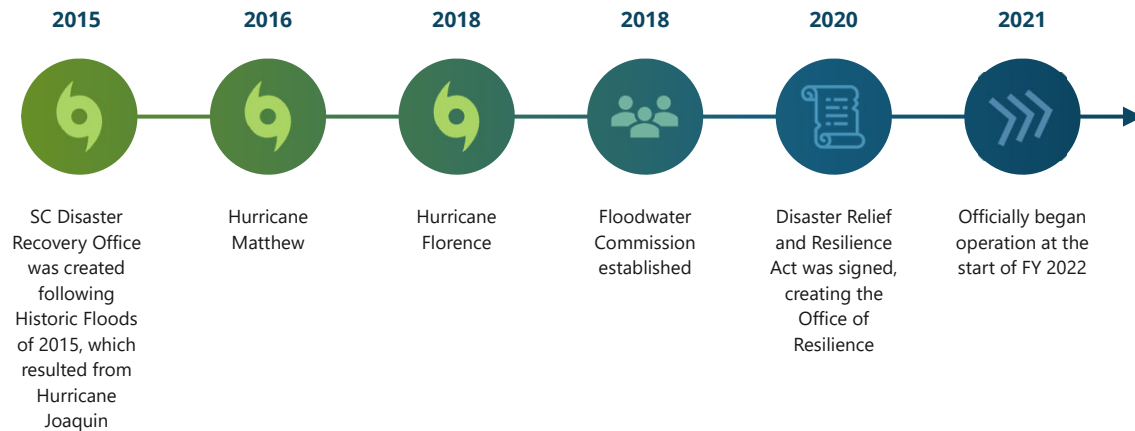


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History



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What We Do

RESILIENCE

- Development and management of the **Strategic Statewide Resilience & Risk Reduction Plan**
- Management of the Disaster Relief and Resilience **Reserve Fund** and the SC Resilience **Revolving Fund**

MITIGATION

- **Buyouts:** Voluntary acquisitions of repetitively flooded land and property in order to return it to green space
- **Infrastructure:** Traditional "Gray" and Nature-based "Green" Infrastructure
- **Plans & Studies:** Funding for local governments and state agencies to develop and/or update hazard mitigation plans, stormwater plans, and more
- **Matching Grants:** Provide the local cost share for other federal flood mitigation programs

DISASTER RECOVERY

- **Long-term recovery:** rebuild and replace homes damaged by hurricanes and flooding in FEMA-declared counties; funded by HUD CDBG-DR

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CDBG-DR Program Status

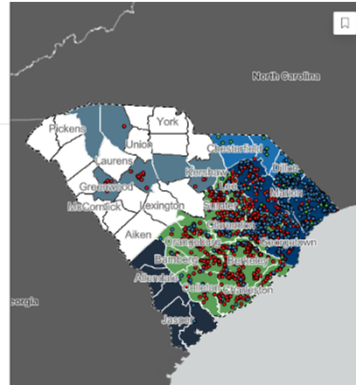
Completed DR Recovery Home

Event Year
 • 2015
 • 2016
 • 2018

MID_CountiesDr

Storms

2015 Floods
 2015 Floods, 2016 Matthew
 2016 Matthew
 2016 Matthew, 2018 Florence
 2015 Floods, 2016 Matthew,
 2018 Florence
 None

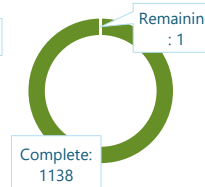


3,197
Homes Completed

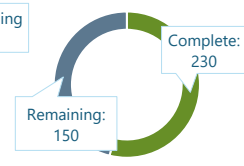
2015 Flood



2016 Hurricane Matthew



2018 Hurricane Florence



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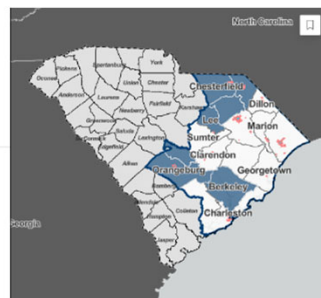
CDBG-Mitigation Program Status

Local Projects

MIT Program:
 Infrastructure
 Buyout
 Match
 Plans and Studies

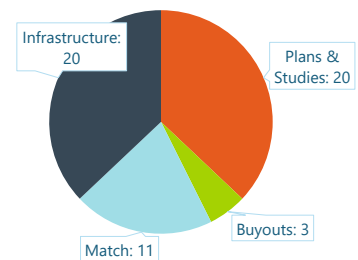
MID County

MIDStatus
 HUD MID
 SC MID



54
Current Projects

Program Areas



Infrastructure



Buyouts



Match



Plans & Studies



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Strategic Statewide Resilience & Risk Reduction Plan

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Strategic Statewide Resilience and Risk Reduction Plan

Plan will serve as a framework to guide state investment in flood mitigation projects, and programs and policies to protect people and property of SC from the damage and destruction of extreme weather events.

Planning Framework

- Defining Resilience for Planning Purposes: The ability of communities, economies, and ecosystems within SC to anticipate, absorb, recover and thrive when presented with environmental change and natural hazards
- Describe flood risks to each of the eight major watersheds of the State (planning scale)

Vulnerability Assessment

- Current and future flood vulnerability of key locations across the state

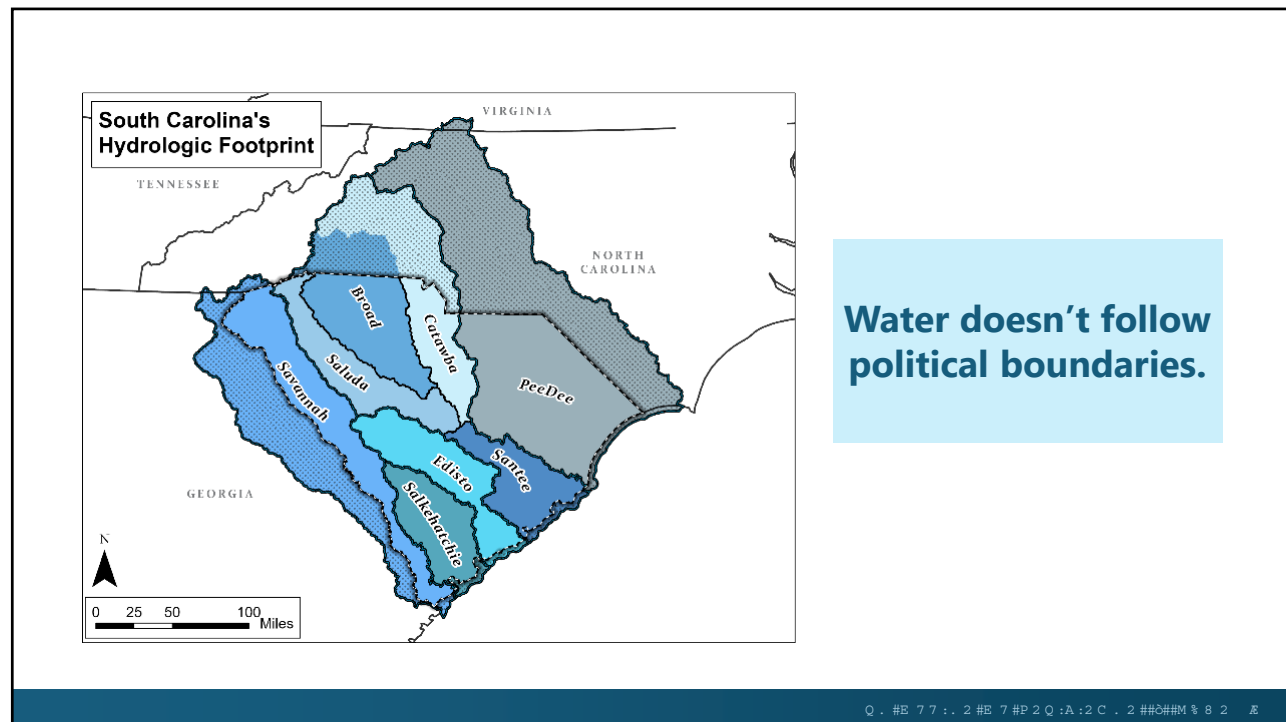
Next Up: Developing Actionable Recommendations

- Statutory/regulatory remedies
- At appropriate scale for federal, state and local implementation
- Technical planning assistance

Plan due by July 1, 2023

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Resilience Planning


Planning has consisted largely of coordinating with other state agencies and statewide partners to gather data about the hazards that SC faces as well as population and land use trends in the state.


The Planning team has been working to identify specific vulnerabilities within each of these sectors:




Environmental Systems




Community Services




Economic Systems



Infrastructure



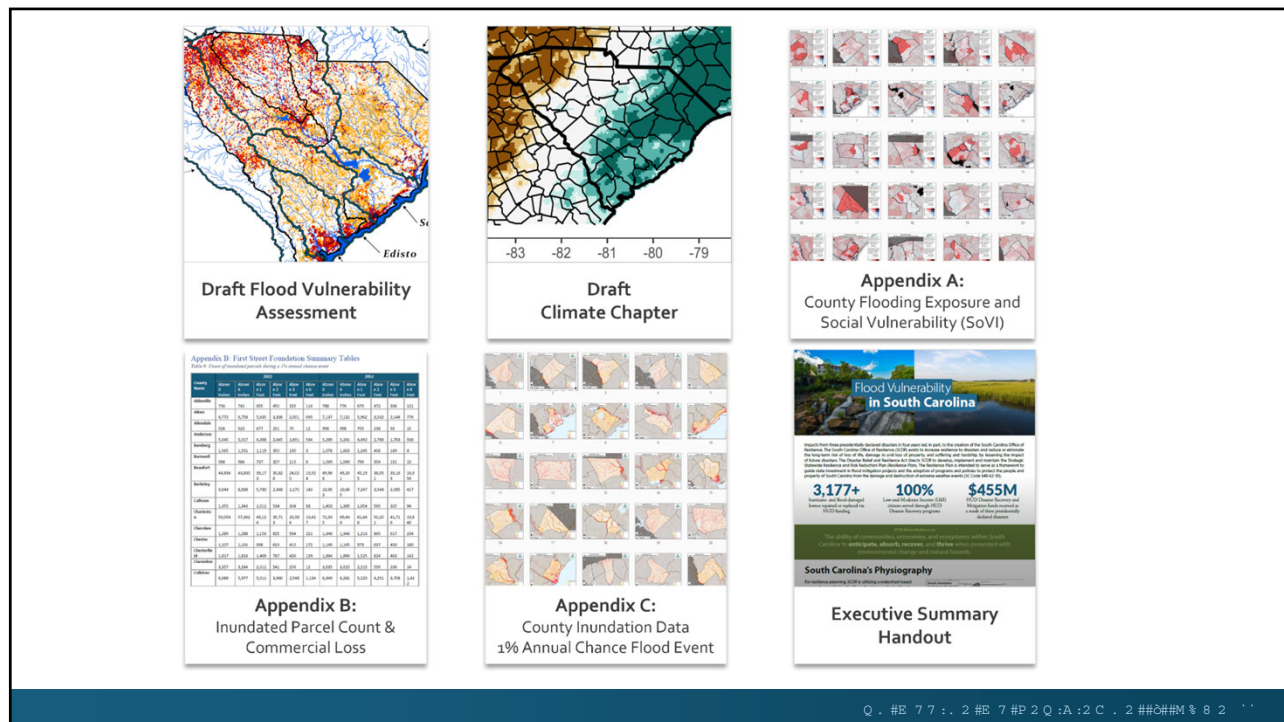
Building Codes & Zoning



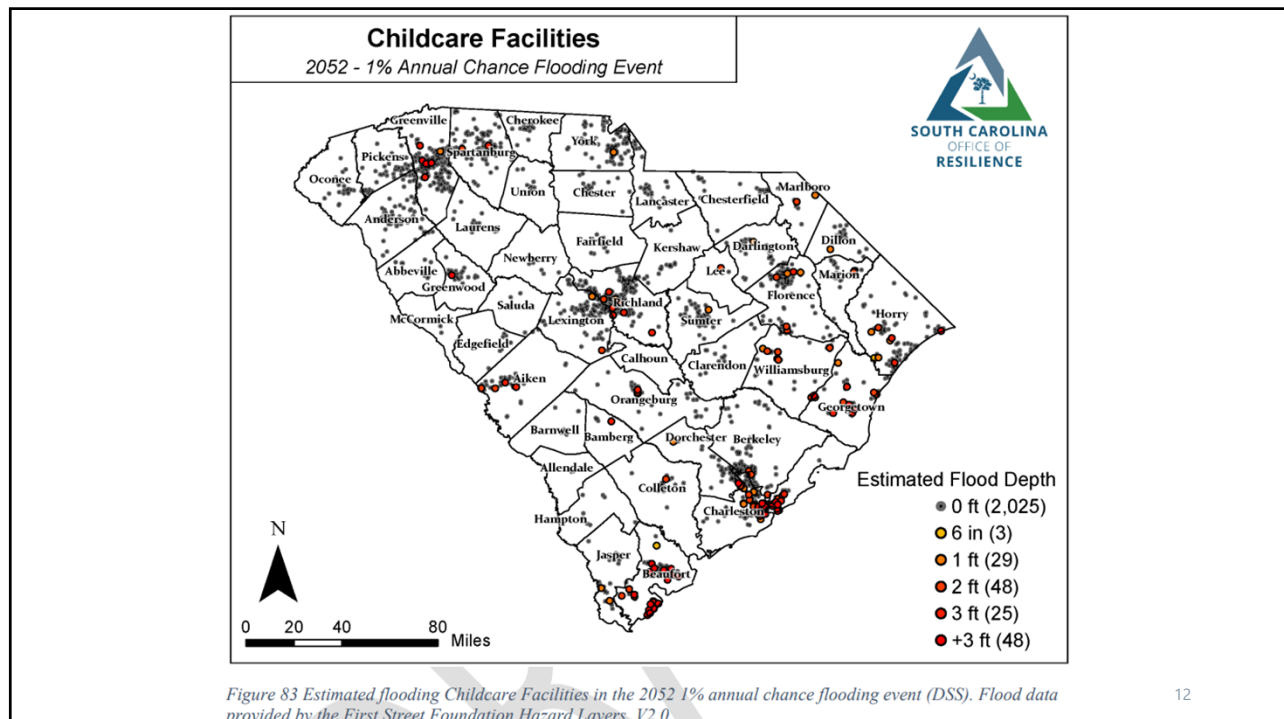
Cultural Resources

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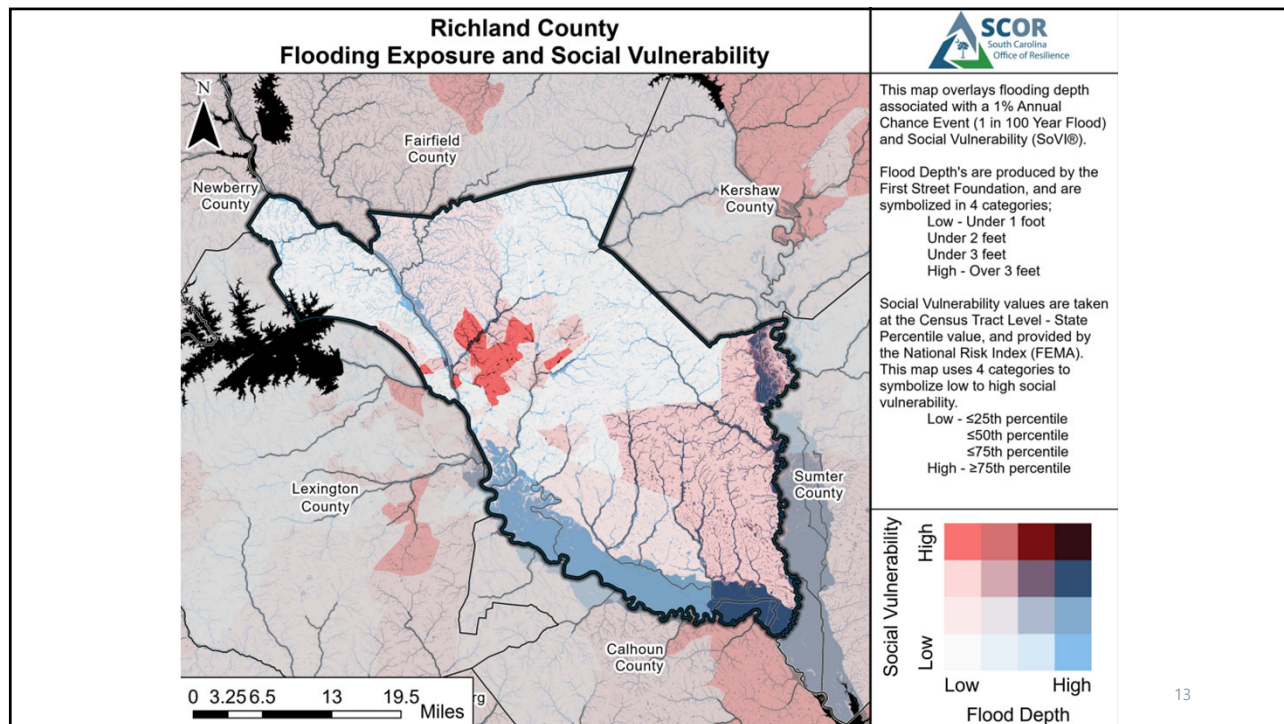
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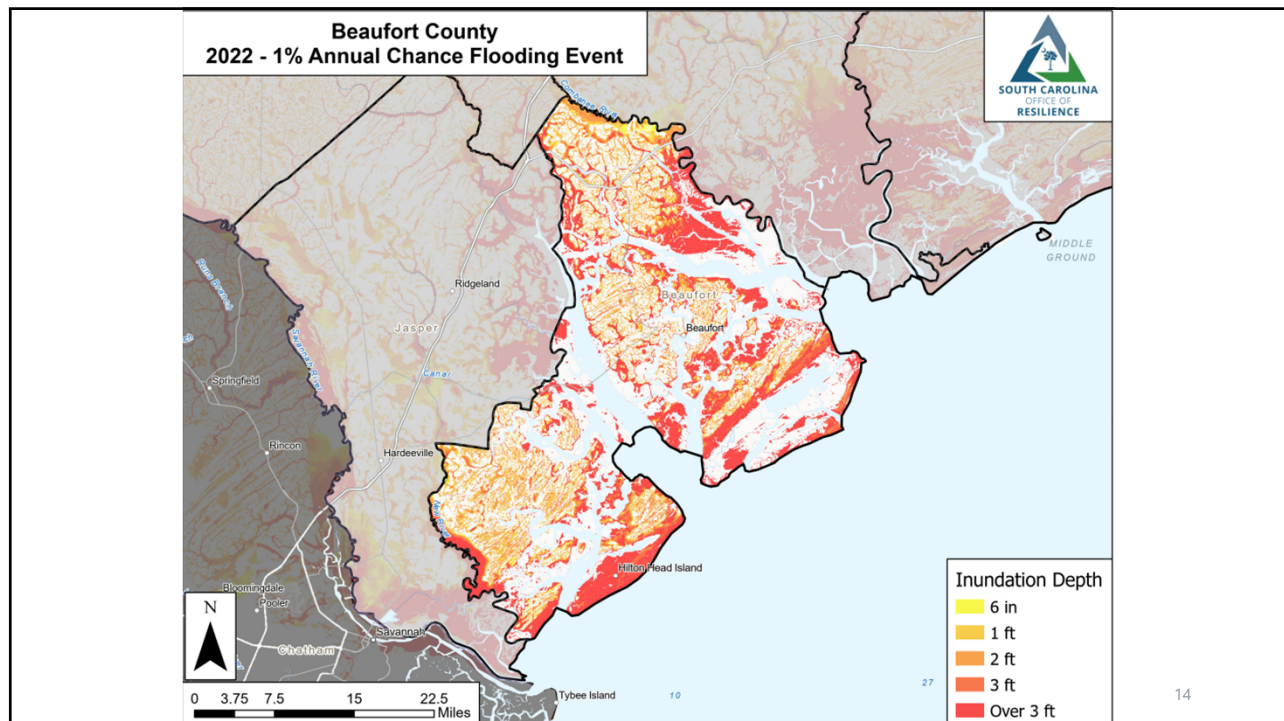
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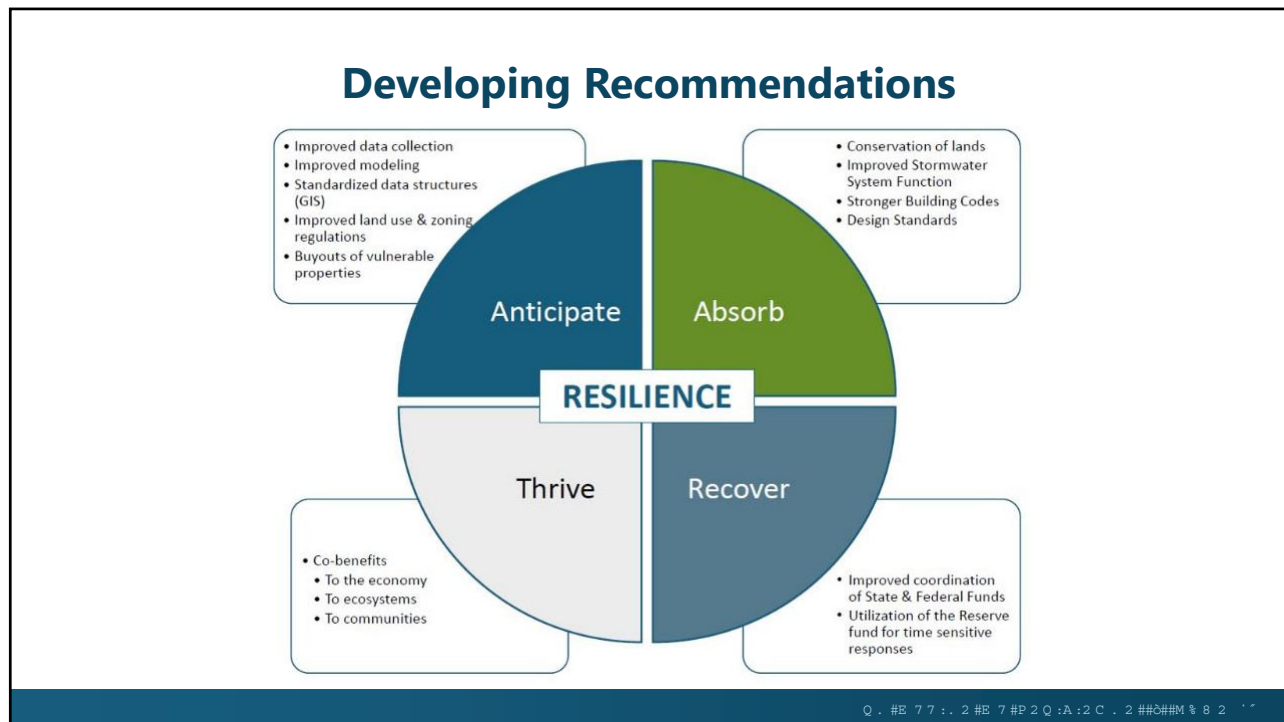
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Resilience in Comprehensive Plans

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Resilience Element Requirements

SC Local Government Comprehensive Planning Enabling Act

1. Considers 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.
2. Promotes resilient planning, design and development.
3. Developed in coordination with all preceding comprehensive plan elements and integrated into the goals and strategies of each of the other plan elements.
4. Must undertake an inventory of existing resilience conditions.
5. Coordinated with adjacent and relevant jurisdictions and agencies.

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Guidance for Resilience in Comprehensive Plans

January 2022

The **Comprehensive Planning Enabling Act (SC Code Section 6-29-510)** was amended by the Disaster Relief and Resilience Act to add a required resilience element. SCOR has developed a working definition of resilience (right). This working definition should be kept in mind when meeting the Section 6-29-510(D) comprehensive planning resilience requirements below:

Resilience: The ability of communities, economies, and ecosystems within South Carolina to anticipate, absorb, recover, and thrive when presented with environmental change and natural hazards.

Note: The working definition will not be finalized until the Strategic Statewide Resilience and Risk Reduction Plan is submitted to the General Assembly.

- 1** A resilience element that considers 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
- 2** Planning that promotes resilient planning, design, and development
- 3** Element shall be developed in coordination with all preceding elements in SC Code Section 6-29-510 and integrated into the goals and strategies of each of the other plan elements
- 4** The local comprehensive planning entity must undertake an inventory of existing resilience conditions
The words "undertake an inventory of resilience conditions" should be taken in their plain and ordinary meaning which would involve an itemization or listing of present conditions of the things or systems that enable a community to anticipate, absorb, recover, and thrive when presented with environmental change and natural hazards. As a starting point, SCOR suggests that communities begin by looking at the 7 FEMA community lifelines as well as Baseline Resilience Indicators for Communities (BRIC) which provides resilience characteristics and scores for all South Carolina counties (University of South Carolina, n.d.)
- 5** Planning which is coordinated with adjacent and relevant jurisdictions and agencies.
For the purposes of this item, "adjacent and relevant jurisdictions and agencies" means those counties, municipalities, public service districts, school districts, public and private utilities, transportation agencies, and other public entities that are affected by or have planning authority over the public project.
For the purposes of this item, "coordination" means written notification by the local planning commission or its staff to adjacent and relevant jurisdictions and agencies of the proposed projects and the opportunity for adjacent and relevant jurisdictions and agencies to provide comment to the planning commission or its staff concerning the proposed projects. Failure of the planning commission or its staff to identify or notify an adjacent or relevant jurisdiction or agency does not invalidate the local comprehensive plan and does not give rise to a civil cause of action.

Timeline for Implementation: While the changes took effect upon approval by the Governor on September 29, 2020, recognizing that local governments are in different stages of their Comprehensive Plan update schedule, there is currently no hard and fast deadline for when a community must have a full resilience element developed.

SCOR
South Carolina
Office of Resilience

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Requirement 1

Considers the impact of flooding, high water, and natural hazards on individuals, communities, institutions, businesses, economic development, public infrastructure and facilities, and public health, safety and welfare.

Suggested Approaches

- Review local hazard mitigation plan and historic events.
- Review Statewide Resilience Plan's Flood Vulnerability Assessment, available online.
- Conduct local risk and vulnerability assessment, mapping any other natural and community assets and critical infrastructure, consulting other plan elements for key locations.

Resource Links

- [SCOR Website](#)
- [SC Hazard Mitigation Plan](#)
- [National Risk Index](#)
- [NCEI Storm Event Database](#)
- [SHELDUS](#)

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Requirement 2

Includes an inventory of existing resiliency conditions.

Suggested Approaches

- Inventory the array of existing data, plans and studies previously done and currently in progress by organizations within the jurisdiction's watershed related to resilience.
 - [SC Resilience Planning Archive](#) (as a starting point)
- Review social vulnerability & resilience indices, looking at multiple, to identify strengths, weaknesses, and areas of improvement
 - Resilience:
 - Baseline Resilience Indicators for Communities ([BRIC](#))
 - Community Resilience Indicator Analysis ([CRIA](#)), part of FEMA Resilience Analysis and Planning Tool ([RAPT](#))
 - Community Resilience Estimates ([CRE](#))
 - Social Vulnerability:
 - [SoVI](#)
 - [SVI](#)
 - FEMA [Community Lifelines](#)

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Requirement 3

Promotes resilient planning, design and development.

Suggested Approaches

- Identify a suite of potential solutions, structural and non-structural, and how to promote/implement them.

Resource Links

- [Comprehensive Plan Standards for Sustaining Places](#) (APA)
- [Hazard Mitigation Policy Guide](#) (APA)
- [Smart Growth Strategies for Disaster Resilience and Recovery](#) (EPA)
- [Subdivision Design and Flood Hazard Areas](#) (APA)

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Requirement 4

Coordinated with adjacent and relevant jurisdictions and agencies.

Notes from Code

- **Relevant Jurisdictions & Agencies:**
 - Counties, municipalities, public service districts, school districts, public and private utilities, transportation agencies, and other public entities that are affected by or have planning authority over the public project.
- **Coordination**
 - written notification by the local planning commission or its staff to adjacent and relevant jurisdictions and agencies of the proposed projects
 - opportunity for adjacent and relevant jurisdictions and agencies to provide comment to the planning commission or its staff concerning the proposed projects.

Suggested Approaches

- Watershed Scale Coordination

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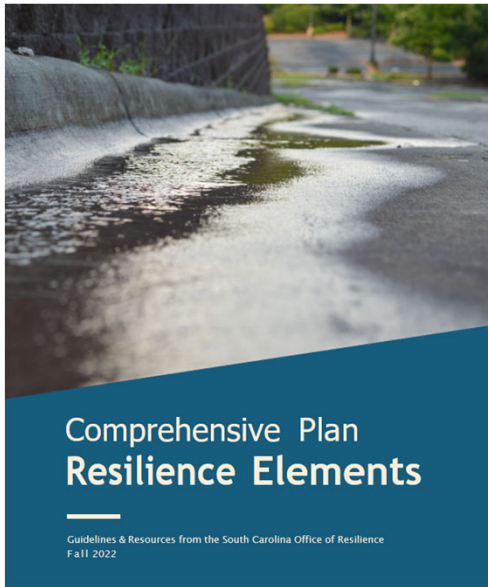
Requirement 5

This element shall be developed in coordination with all preceding elements and integrated into the goals and strategies of each of the other plan elements.



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Element	Potential Connection
Population	Planning for resilient development associated with population growth.
Economic Development	Impact of hazards on business districts, downtowns and major employers and industries.
Cultural Resources	Vulnerability of historic assets, unique natural/scenic resources, archeological resources.
Community Facilities	Vulnerability of community facilities.
Housing	Vulnerability related to the type, age and condition of housing, affordability, floodplain buyout. Decision making for new development informed by future flood risk (subdivision approvals, etc.).
Land Use	Consideration of future risk in the development of the future land use. Existing and potential policies based on historic flooding and future risk. Are areas outside flood zone appropriately zoned for development?
Transportation	Consider the vulnerability of transportation infrastructure and strategies to increase resilience when identifying and implementing major road improvements & construction, pedestrian, bike and other transportation projects.
Priority Investment	Analyze likely federal, state and local funds available over next 10 years to implement resilience projects. Are there any new critical facilities or utilities planned for at risk areas?
Natural Resources	Vulnerability of natural resources, nature-based solutions

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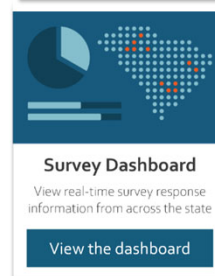
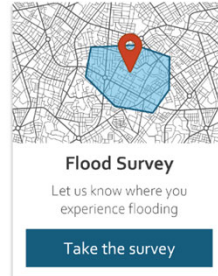
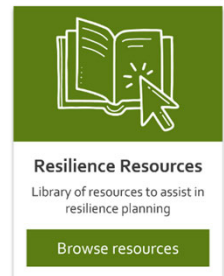
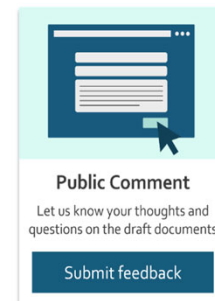
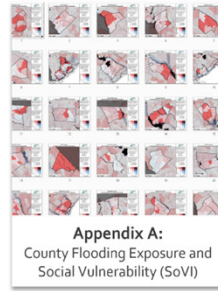
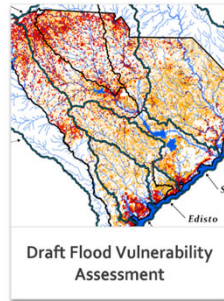
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Additional Planning Resources

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SCOR Website Resources



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SC Resilience Planning Archive

SC Sea Grant Consortium

South Carolina Resilience Planning Archive

The S.C. Sea Grant Consortium is working to compile a comprehensive survey of resilience planning efforts across South Carolina, including state agencies, counties, municipalities, non-governmental organizations, colleges and universities, and private companies.

[GLOSSARY](#) [SUBMIT A REPORT](#)

Search the Archive

Comprehensive Plan ↕ Reset										
Title	Year	Organization	Organization Type	County	Publication Type	Future Conditions Considered?	Affordable Housing	Hazards	Next Plan Est.	Link
Easley Comprehensive Plan DRAFT	2022	Easley	Municipality	Anderson, Pickens	Comprehensive Plan	Yes	Yes	F, L, S, T, W	2027	View Report
Sustaining Way 5 Year Strategic Plan	2022	Sustaining Way	NGO	NA	Comprehensive Plan	Yes	Yes	NA	2026	View Report
Plan Spartanburg Comprehensive Planning Process	2022	Spartanburg	Municipality	Spartanburg	Comprehensive Plan	Yes	Yes	F, H, L, S, T	2027	View Report
Hanahan Comprehensive Plan Engagement	2022	Hanahan	Municipality	Berkeley	Comprehensive Plan	No	Yes	NA	2027	View Report
Columbia Planning & Development Services Annual Report	2021	Columbia	Municipality	Lexington, Richland	Comprehensive Plan	No	Yes	H, T	2022	View Report
Lowcountry Alliance for Model Communities 5-Year Strategic Plan	2021	Lowcountry Alliance for Model Communities	NGO	Berkeley, Charleston	Comprehensive Plan	No	Yes	NA	2026	View Report
Folly Beach Comprehensive Plan Five-Year Update	2021	Folly Beach	Municipality	Charleston	Comprehensive Plan	Yes	Yes	All	2026	View Report
Van Wyck Comprehensive Plan	2021	Van Wyck	Municipality	York	Comprehensive Plan	No	Yes	D, F, L, S, T	2026	View Report

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Connect with us!

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smartphone camera
and point at this code
or type in
bit.ly/scor-media to
visit our website,
social media, and to
sign up for our
monthly newsletter.



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