

# Charleston County All Hazards Vulnerability & Risk Assessment

RSAC Meeting March 28, 2023

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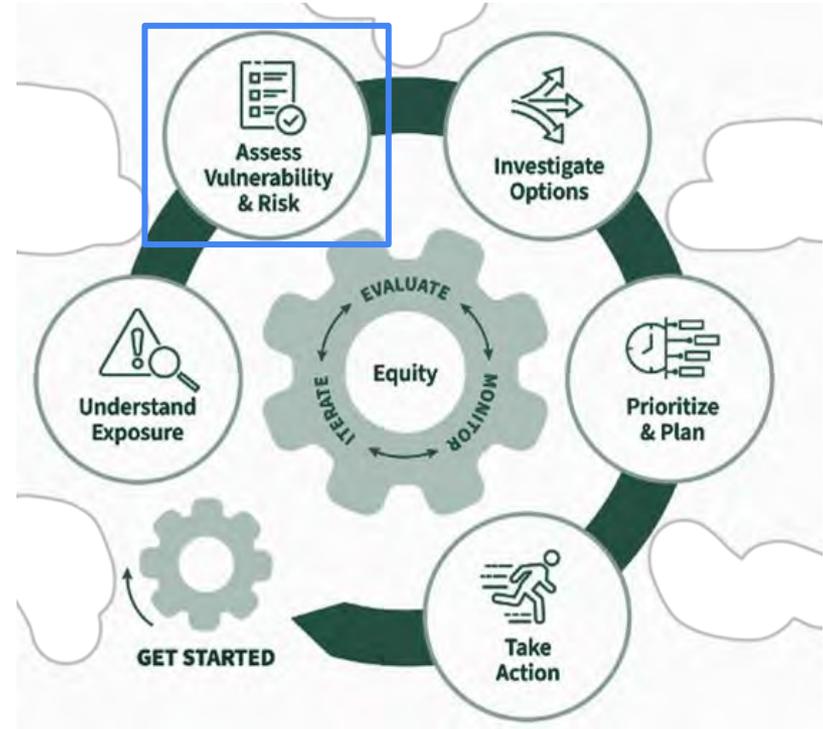
# Outline

1. Project Summary
2. Project Approach
3. Key Outputs
4. RSAC Role
5. Other stakeholders

# Project Summary

- Two main phases of work
  1. Vulnerability Assessment
  2. Strategy Development
- Flooding, Sea Level Rise, Extreme Heat, Wildfire and Earthquakes
- March 2023 - May 2024

## Steps to Resilience





Residents & Residential Property



Commercial Property and Jobs

## Community Assets, Services and People



*Chatterline Photography*

Community Services



Infrastructure and City Facilities

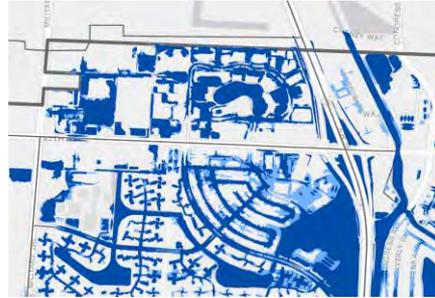
# Assets

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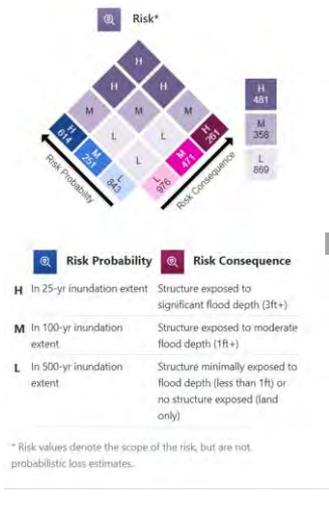
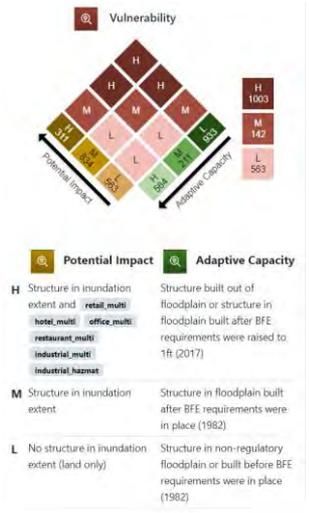
# Threats

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# Stakeholder Input



## Vulnerability and Risk



# Disproportionate Impacts

- Pre-existing social stressors that exacerbate climate impacts
- Tangible and intangible community assets important to safety and well being of under-resourced residents
- Areas with concentrated social and physical vulnerability

# Strategy Development

1. Develop resilience objectives
2. Identify options covering broad strategic areas
3. Multi-criteria prioritization



FernLeaf will largely play a facilitative role in this phase

# Key Outputs of the Project

- Shared understanding and synthesis of key climate-related vulnerabilities across the County
- Preliminary set of strategies and actions for further evaluation, refinement, specification and prioritization
- Foundational information and analyses to enable the County staff to make informed decisions beyond the course of this project

# RSAC Role

- Assist in interpreting the assessment results and help refine the framing of major vulnerabilities.
- Committee will be part of the collaborative effort with other stakeholders
- Provide comments on the draft project report

Quarterly updates during regular Committee meetings  
One-on-one engagements for specific feedback

# County Staff Team

- Help tailor the analysis to local factors and context
- Co-develop insights from the assessment outputs
- Collaborate within and across departments to identify opportunities for action
- Refine a prioritization framework for resilience actions

Regular virtual meetings  
In-person workshops  
Trainings

# Community Involvement

- Community knowledge and experience helps create a nuanced understanding of strengths, values and challenges.
- Community input in shaping goals, strategies and priorities are key to creating effective and equitable solutions.
- Our process is designed to incorporate community input at all steps and we are prepared to work with the County

Thank you for your time!

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