



STATE OF THE STATE 2024

Maria Cox Lamm, CFM
State Coordinator

March 20, 2023

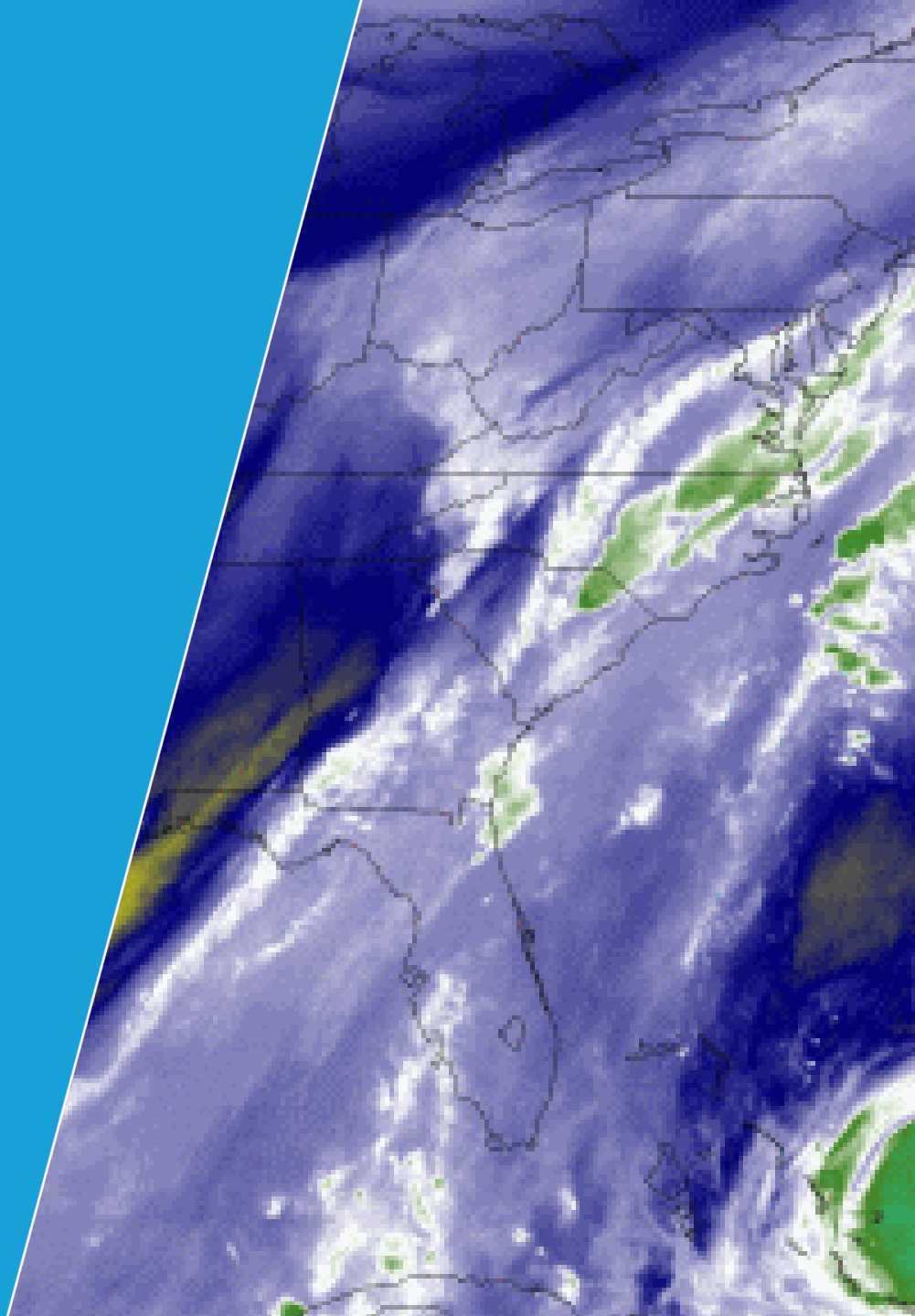


Flood Mitigation Program

Protecting Lives, Protecting Property | Floodplain Management, Mapping, and Mitigation

www.dnr.sc.gov/flood

Staff

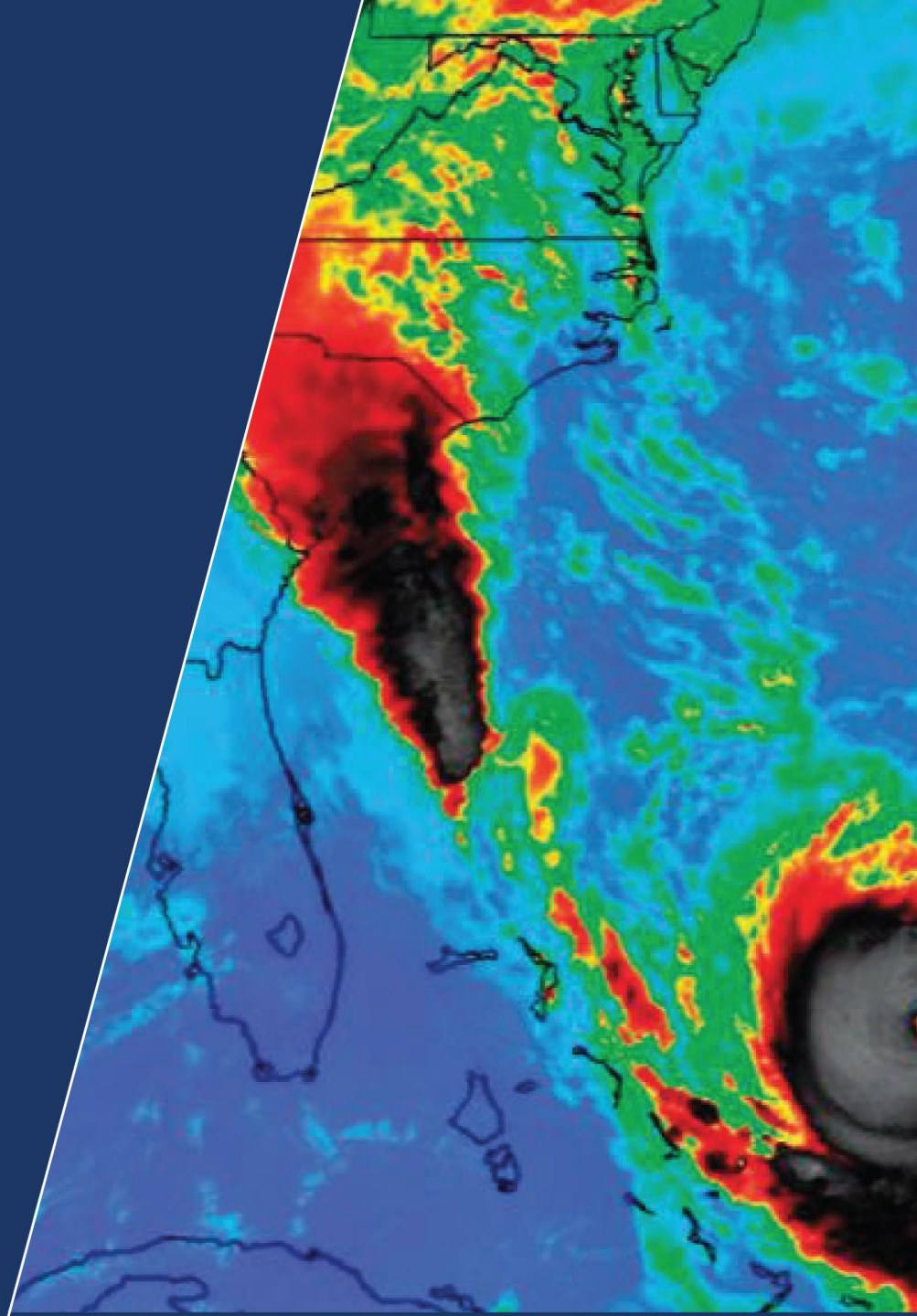


Staff Update

- New Staff member
- Staff Duties



Another Year,
Another Disaster



2023, Current Conditions & the Future

- Hurricane Idalia Response
- Potential Spring Flooding
 - Wet winter
 - River levels are elevated
- Hurricane Season is fast approaching

Floodplain Management



Upcoming:

- Moving from CAV/CACs to Audits
- Substantial Damage Administrative Procedures (SDAP) Program
- Hazard Mitigation Plans
 - Element C: Mitigation Strategy Requirements

Simply stating, “The community will continue to comply with the NFIP” is not sufficient to meet the requirement.

Jurisdictions not currently participating in the NFIP, where a Flood Hazard Boundary Map or FIRM has been issued, may meet this requirement by describing why the community does not participate in the NFIP.

For jurisdictions that voluntarily participate in the CRS, it is highly recommended that this description also include related activities and address any issues raised during community assistance and monitoring activities.



Upcoming Trainings



Be prepared

Upcoming Trainings:

NFIP: The Basics

March 14th: 10-3

The New Elevation Certificate

March 27th: 9-12

Understanding Hurricane Hazards
and the Resulting Damage

April 10th: 10-12

How Water Moves Through the
State

April 11th: 10-12

Flood Recovery and the NFIP

April 16th: 10-12

Common Issues with Elevation
Certificates

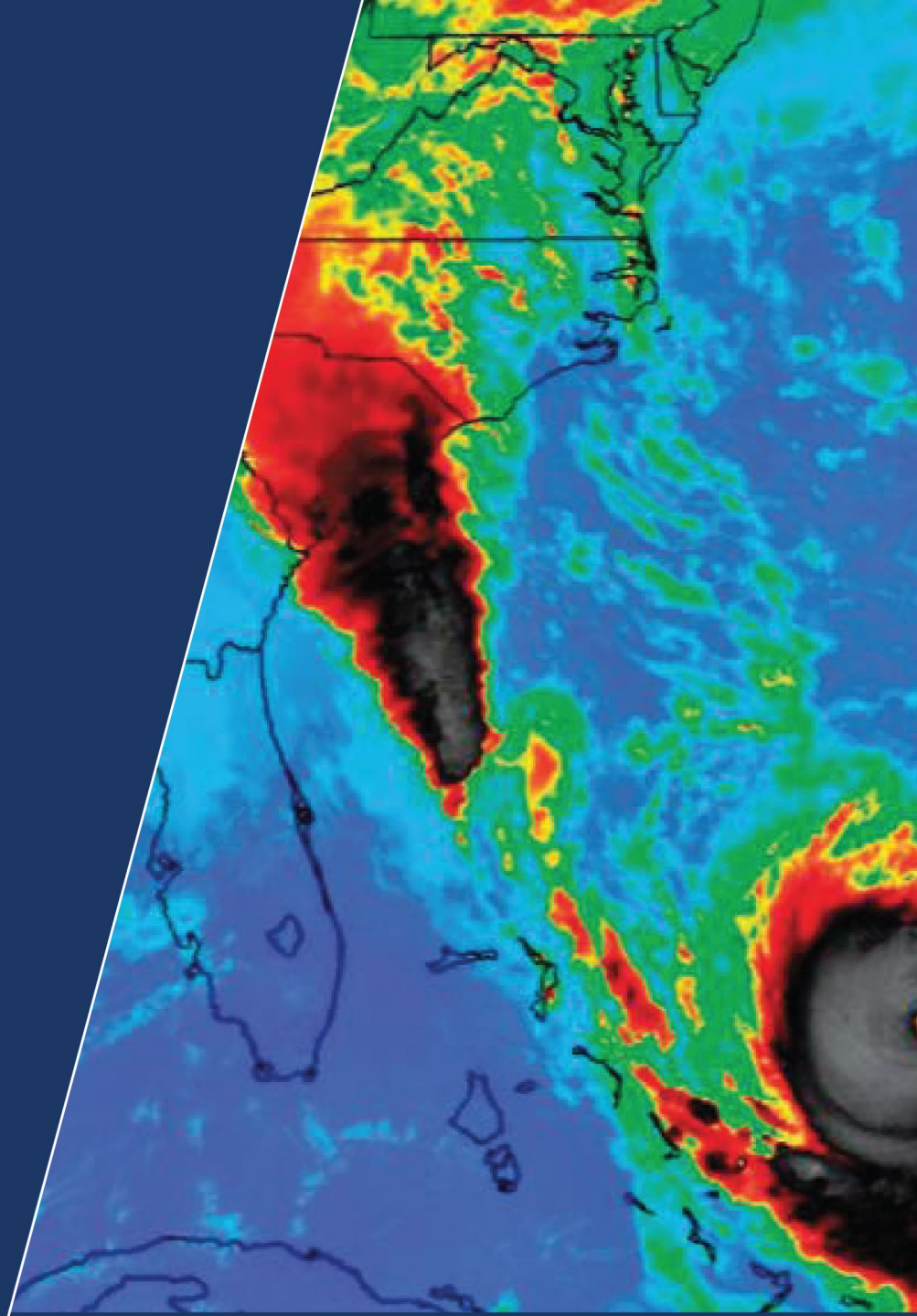
April 30th: 10-12

What to Expect when Expecting a
CAV

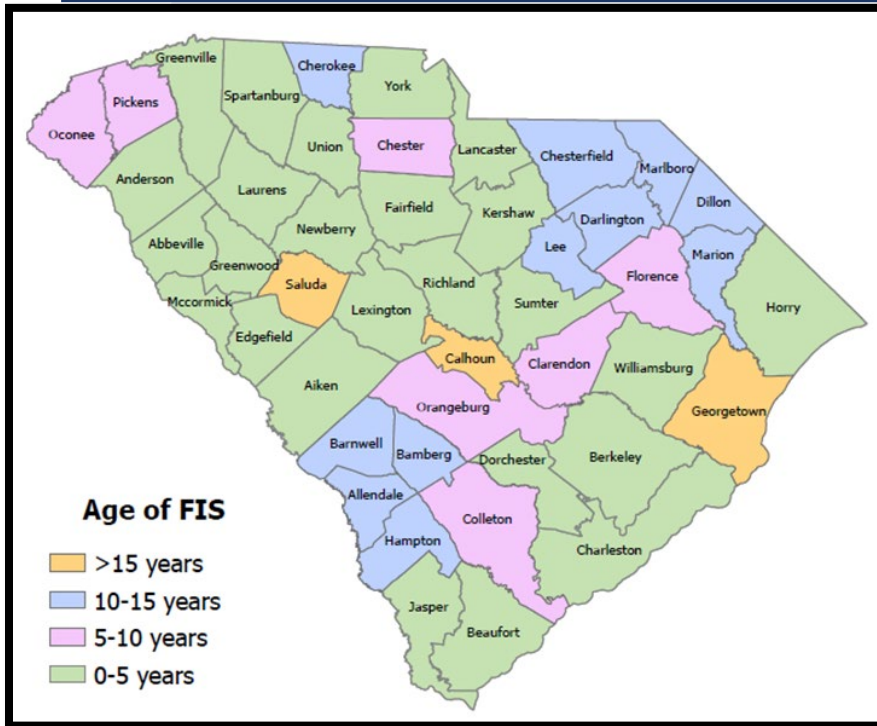
May 7th: 10-12



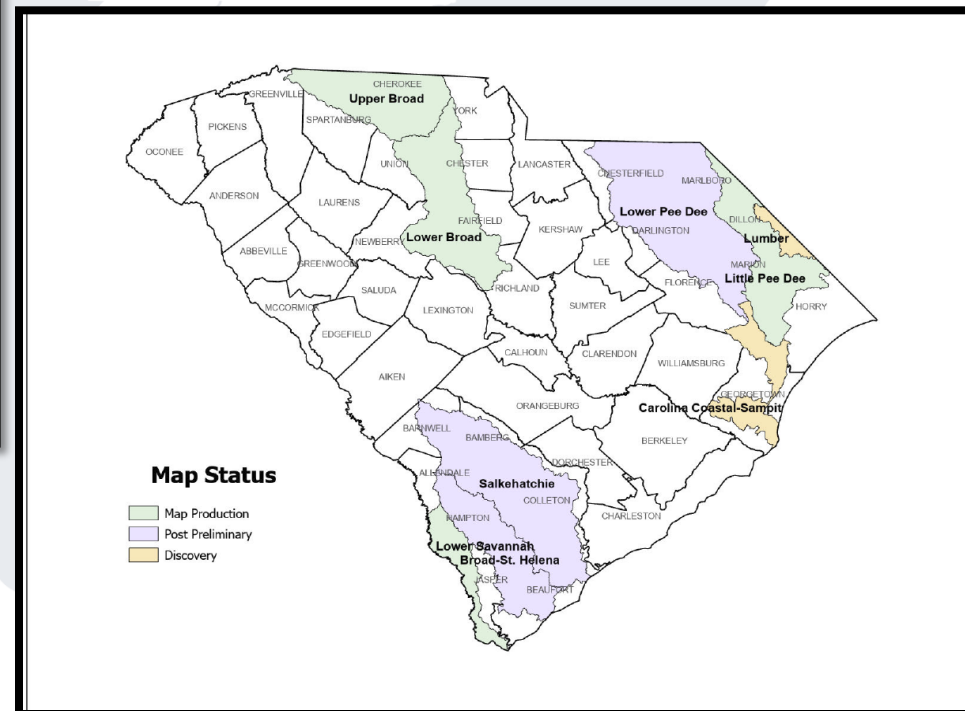
Mapping



Status of Mapping



Average Age of South Carolina FIS in 2022



Study Status

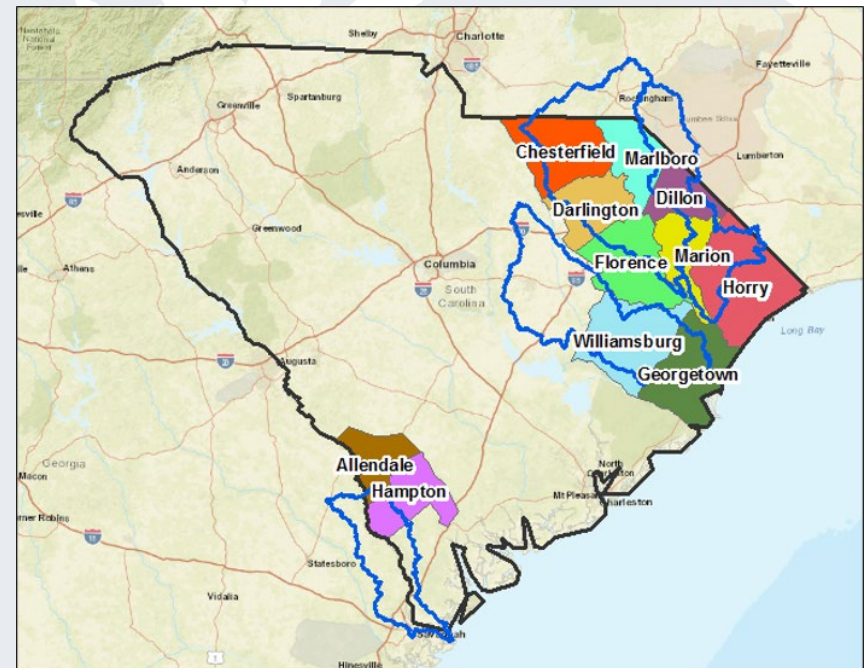
2D Modeling

Effective

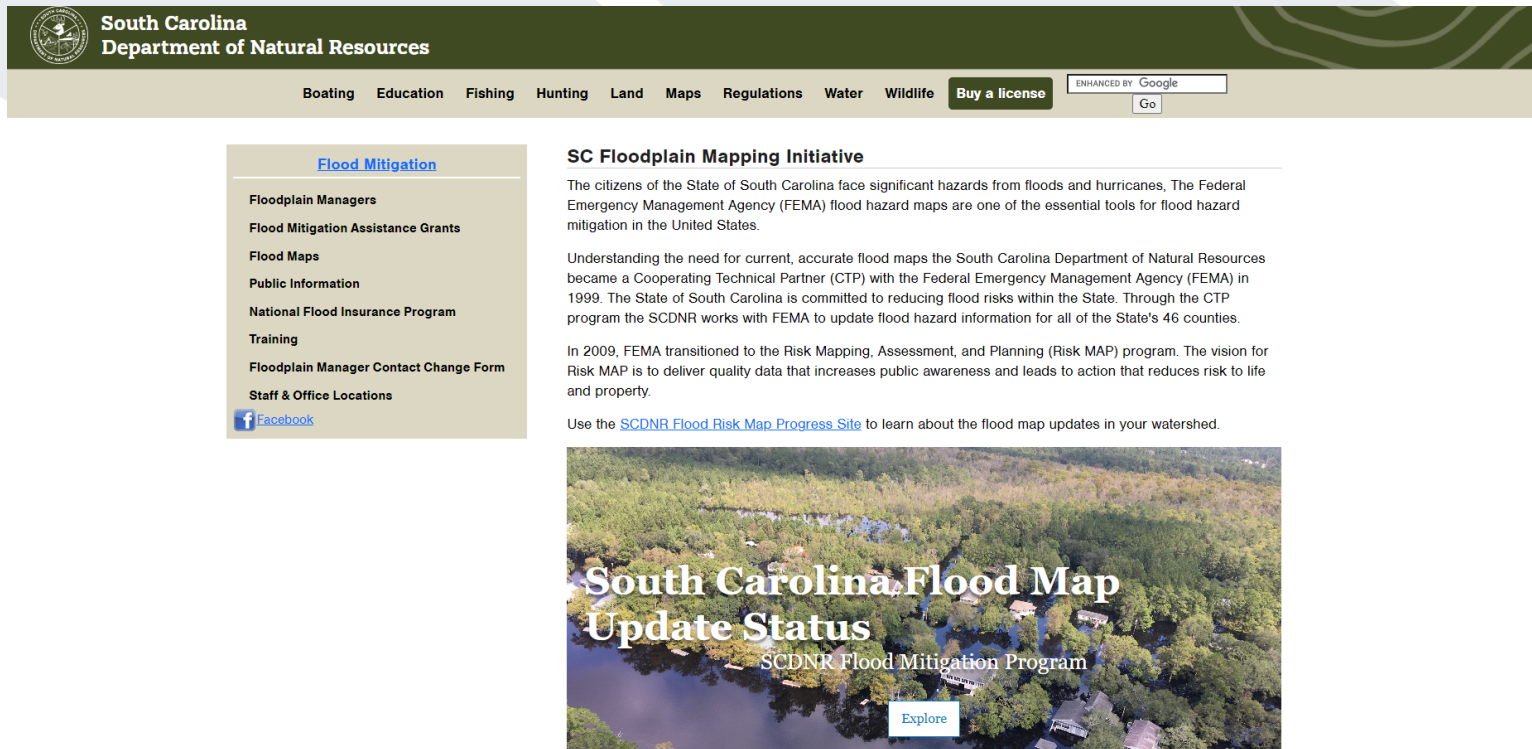
- Georgetown County
- Horry County
- Williamsburg County

In Progress

- Little & Lower Pee Dee Watershed
- Lower Savannah Watershed



Website Update



The screenshot displays the South Carolina Department of Natural Resources website. The header features the department's logo and name, followed by a navigation menu with links to Boating, Education, Fishing, Hunting, Land, Maps, Regulations, Water, Wildlife, and a 'Buy a license' button. A search bar is also present. The main content area is titled 'SC Floodplain Mapping Initiative' and includes a sidebar with links to Flood Mitigation, Floodplain Managers, Flood Mitigation Assistance Grants, Flood Maps, Public Information, National Flood Insurance Program, Training, Floodplain Manager Contact Change Form, and Staff & Office Locations. The main text describes the initiative's purpose and provides a link to the SCDNR Flood Risk Map Progress Site. A large aerial image of a flooded area is overlaid with the text 'South Carolina Flood Map Update Status' and 'SCDNR Flood Mitigation Program', with an 'Explore' button at the bottom.

South Carolina Department of Natural Resources

Boating Education Fishing Hunting Land Maps Regulations Water Wildlife [Buy a license](#)

[Flood Mitigation](#)

- Floodplain Managers
- Flood Mitigation Assistance Grants
- Flood Maps
- Public Information
- National Flood Insurance Program
- Training
- Floodplain Manager Contact Change Form
- Staff & Office Locations

[Facebook](#)

SC Floodplain Mapping Initiative

The citizens of the State of South Carolina face significant hazards from floods and hurricanes. The Federal Emergency Management Agency (FEMA) flood hazard maps are one of the essential tools for flood hazard mitigation in the United States.

Understanding the need for current, accurate flood maps the South Carolina Department of Natural Resources became a Cooperating Technical Partner (CTP) with the Federal Emergency Management Agency (FEMA) in 1999. The State of South Carolina is committed to reducing flood risks within the State. Through the CTP program the SCDNR works with FEMA to update flood hazard information for all of the State's 46 counties.

In 2009, FEMA transitioned to the Risk Mapping, Assessment, and Planning (Risk MAP) program. The vision for Risk MAP is to deliver quality data that increases public awareness and leads to action that reduces risk to life and property.

Use the [SCDNR Flood Risk Map Progress Site](#) to learn about the flood map updates in your watershed.

South Carolina Flood Map Update Status

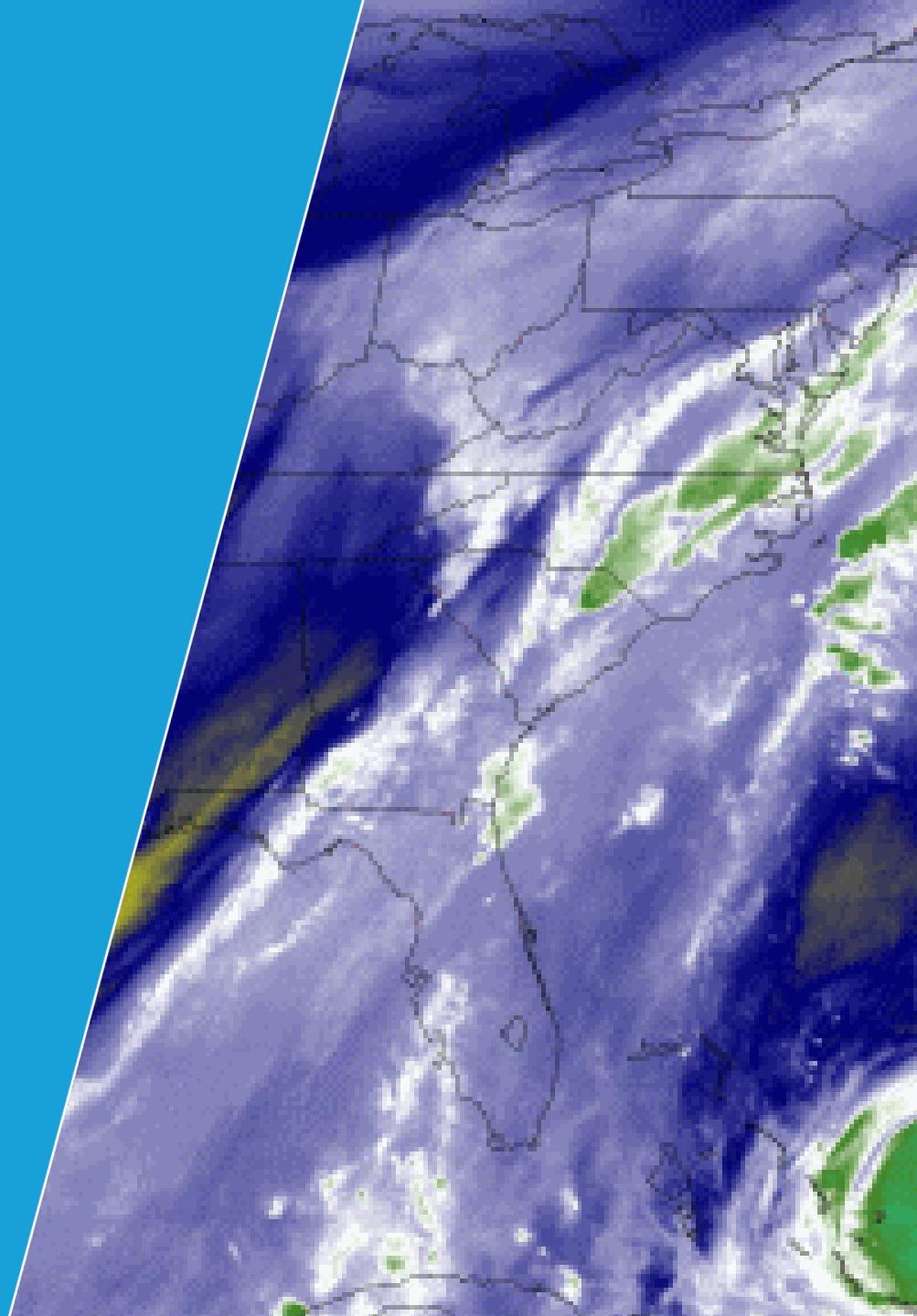
SCDNR Flood Mitigation Program

[Explore](#)

<https://www.dnr.sc.gov/water/flood/floodmaps.html>



SC Flood IMPACT



SC Flood IMPACT

SC Flood Inundation and Mapping for Action

The screenshot displays the SC FLOOD website with a blue header and a red weather alert banner. The main content area features a large aerial image of a flooded residential area. On the left, a blue box contains the 'Our Mission' and 'Vision' sections, followed by three large blue buttons for 'Floodplain Map Viewer', 'Flood Inundation / Alerts Viewer', and 'Mitigation Planning Tool'. Below these are four smaller icons for 'Information', 'Helpful Links', 'FAQs', and 'Contact Us'. On the right, a white box titled 'About Us' contains the South Carolina Department of Natural Resources logo and a detailed description of the Flood Mitigation Program's mission and responsibilities.

SC FLOOD | Inundation and Mapping for Action

Welcome Maria Cox ▾ Administration Documents

Weather Alert | until February 29 at 11:30PM EST by NWS Charleston SC

Our Mission

Our mission is to provide flood information in an easy and accessible format for all to use.

Vision

The vision is for the citizens of South Carolina to have the most reliable flood information so they can make informed decisions for their lives.

Floodplain Map Viewer

View flood insurance rate map information

Flood Inundation / Alerts Viewer

View, report and receive flood alert information for South Carolina

Mitigation Planning Tool

View, analyze and plan for future events

Information

Helpful Links

FAQs

Contact Us

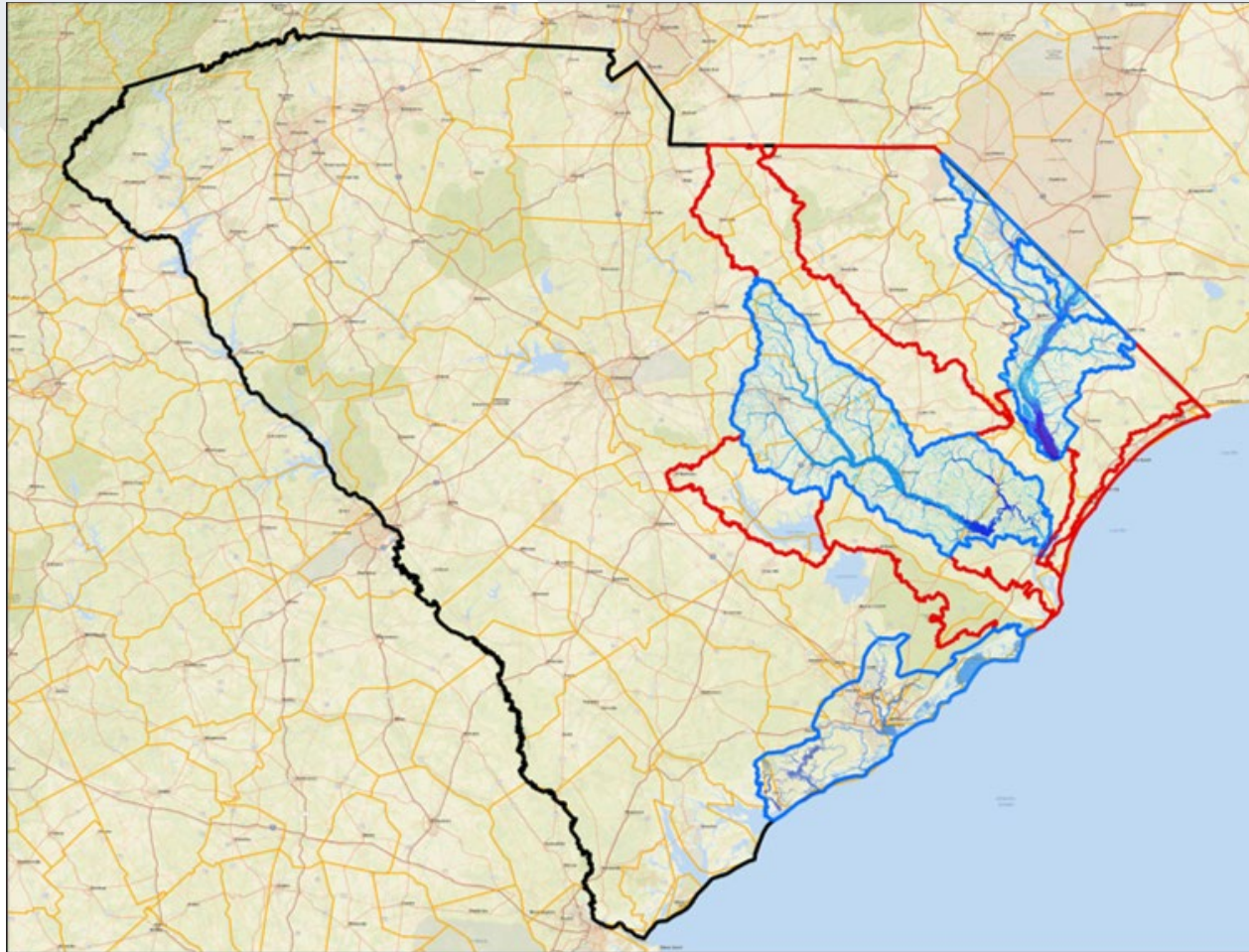
About Us

 The mission of the Flood Mitigation Program is to protect lives and property from flood losses. This is accomplished through the program's responsibility for overseeing the National Flood Insurance Program in South Carolina. The program houses the State Coordinating Office that employs subject matter experts in Floodplain Management to assist South Carolina communities, the Cooperating Technical Partners program that produces the Flood Insurance Rate Maps, and administers the Flood Mitigation Assistance grant program that provides grants to communities to minimize future flood losses.

www.scfloodimpact.com



Flood Inundation Phase 2



Floodplain Map Viewer



Floodplain Map Viewer

View flood insurance rate map
information

Standard Access

- Statewide floodplain layer
- Continuous LiMWA line
- V Zone break lines

Elevated Access

- Models, FIS, SOMA, Coastal Information

Flood Inundation/Alerts Viewer



Flood Inundation / Alerts Viewer

View, report and receive flood alert
information for South Carolina

Standard Access

- Current and Forecast inundation extent
- Gage information
- Can set an Alert
- Weather forecast

Elevated Access

- Current and Forecast depths

Mitigation Planning Tool



Mitigation Planning Tool

View, analyze and plan for future events

Community Access Only

- Inundation Library
- Flood Risk Products
- Demographics
- Continuous LiMWA Line

If you are interested in having critical facilities or other information loaded into the Mitigation Planning Tool, please get us the information for your community.





COMMENTS & QUESTIONS



Flood Mitigation Program

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Program Update

- New Staff Member
- Justice 40 initiative
 - Disadvantaged/Underserved/Socially Vulnerable Communities
- Disaster Assistance
- Compliance
- Outreach
 - Trainings/Workshops
- Mapping
 - Website update
 - 2D mapping
- SC Flood IMPACT