

Changing the Risk Profile of a Community



FEMA

Hurricane Katrina: Mississippi Recovery and Mitigation



234,000 homes damaged or destroyed

1 million people affected

\$1.3 billion in FEMA assistance to help survivors repair and rebuild homes

\$3.1 billion to clean debris and repair schools, hospitals, roads, and other infrastructure

\$2.5 billion NFIP payments to policyholders

\$314 million in post-disaster mitigation grant funding



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RiskMAP
Increasing Resilience Together

A One-Two Punch



People living and working across the Gulf Coast region experienced **TWO CATASTROPHIC EVENTS IN A FIVE-YEAR PERIOD.**



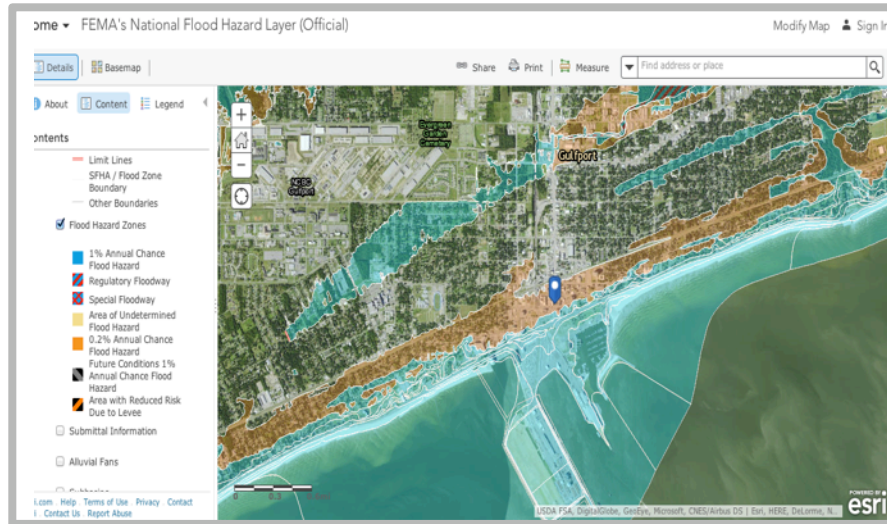
HURRICANE KATRINA IN 2005

**DEEPWATER HORIZON
OIL SPILL IN 2010**



FEMA

Mississippi Today

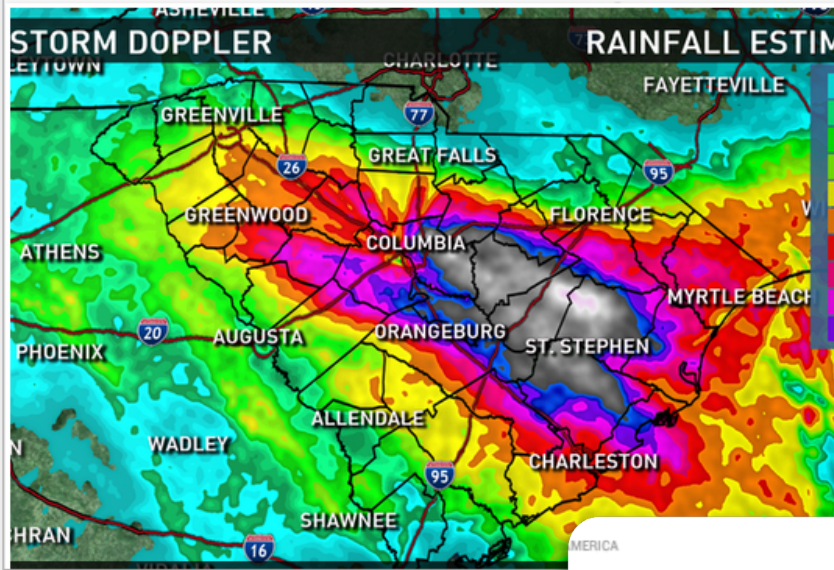


South Carolina 2015 Flooding Disaster

What is a '1000-year' flood?

Daniel Bonds, WLTX 2:56 p.m. EDT October 5, 2015

Although unlikely, a '1000-year' flood can occur every year.



S.C. Gov.: Flooding At 1,000-Year Level; At Least 5 Dead

Updated October 5, 2015 - 1:14 AM ET



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South Carolina Flooding: NFIP and IA Data



88,000 Registrations for Individual Assistance (Housing, Other Needs)



5,108 NFIP Insurance Claims



\$4,000 Average IA grant award
\$49,069 Average Family Median Income in declared counties
\$21,537 Average Closed NFIP Claim Payment



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Resilience Initiatives Across the US

100 Resilient Cities
Resilient Lands and Waters Initiative
National Drought Resilience Partnership
EPA Climate Resilience Evaluation and Awareness Tool
Partnership for Energy Sector Climate Resilience
HHS Sustainable and Climate-Resilient Health Care Facilities Initiative
Community and Regional Resilience Institute Pilot Cities
Federal-Tribal Climate Resilience Partnership and Technical Assistance Program
NIST Community Resilience Planning Guide for Buildings and Infrastructure
Preparedness Pilots
Green Infrastructure Collaborative
Water Infrastructure and Resiliency Finance Center
Climate Resilience and Urban Opportunity Initiative
DHS Regional Resiliency Assessment Program
Coastal Ecosystem Resiliency Grant Program
Federal Flood Risk Management Standard
USACE Resilience Program
Preparedness
Resilience Indicators
National Disaster Resilience Competition
Regional Coastal Resilience Grant Program
Climate Actions Champions Program
and Resilience Seminar
Resilience Americorps
U.S. Climate Resilience Toolkit
Climate Adaptation
Hurricane Sandy Coastal Resiliency Competitive Grant Program
Resilient America Roundtable
CDC Building Resilience Against Climate Effects Framework
RE.invest Initiative



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Driving Action To Reduce Risk Even When There Is No Appetite for “Resiliency”





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