








simply flood
simplyflood.com



Lisa Sharrard (Jones), CFM, CPM, ANFI
Flood Consultant and Insurance Agent

www.simplyflood.com
lisa@simplyflood.com
(803)865-4297

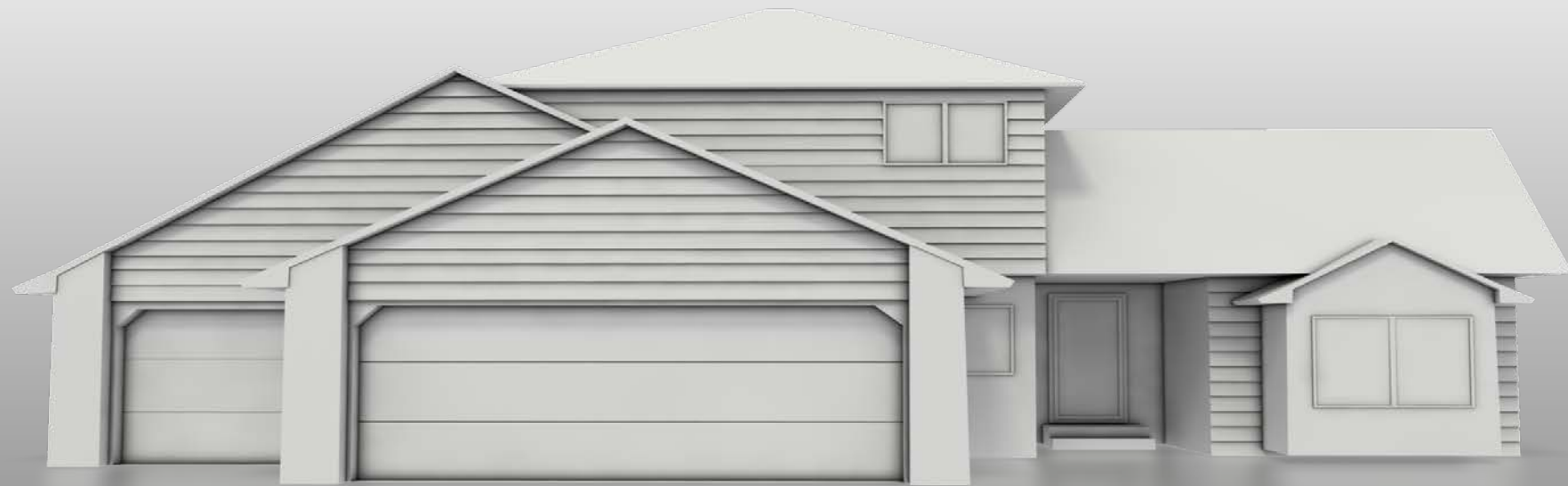
Today's Topics

-  NFIP Reauthorization
-  Flood Maps
-  Flood Insurance
-  Mitigation
-  Action Items

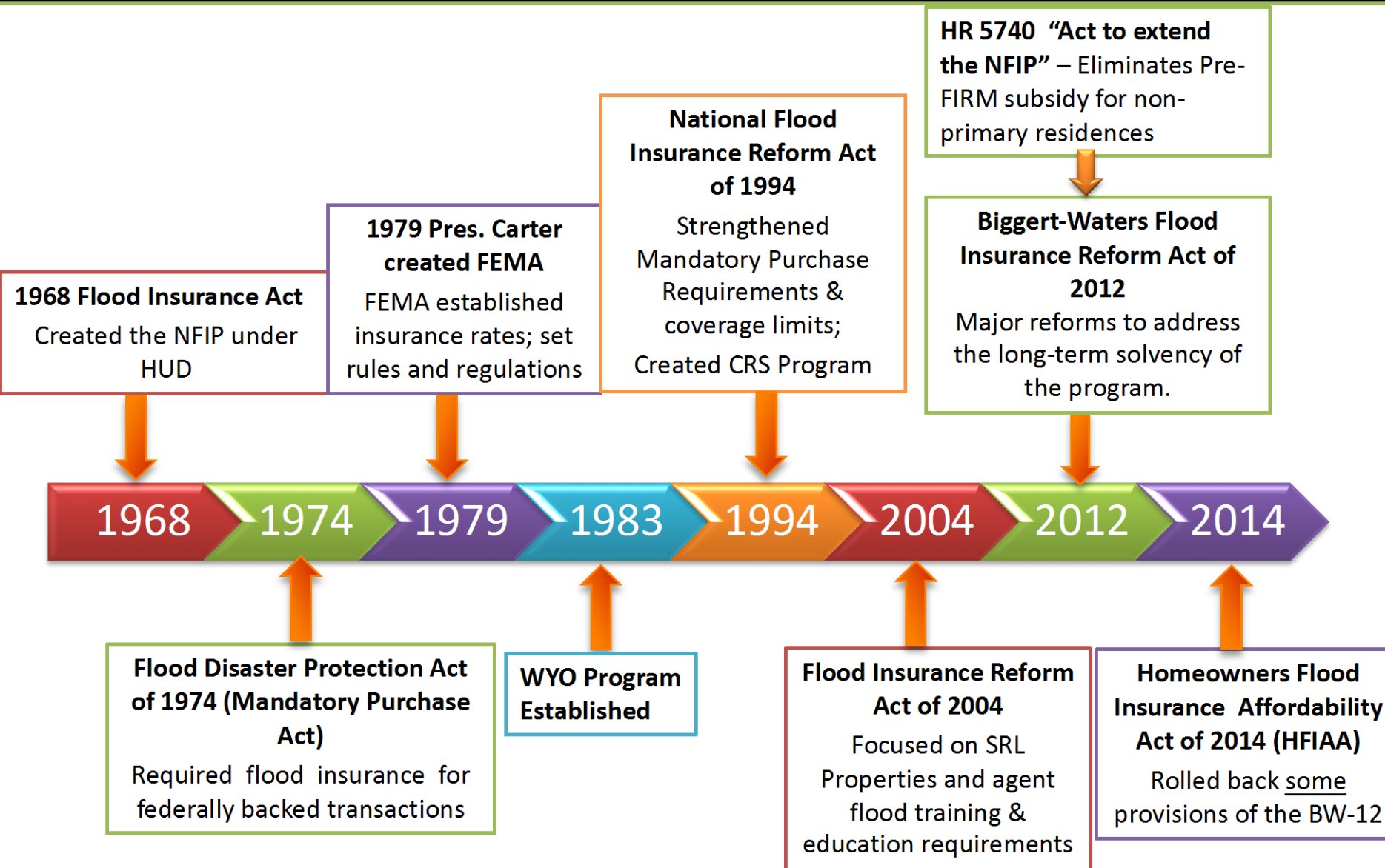


NFIP REAUTHORIZATION

Look into the future



NFIP History - Significant Events



NFIP has been extended through December 7, 2018

FEMA's Risk Rating Redesign

Federal Insurance and Mitigation Administration (FIMA) Moonshots

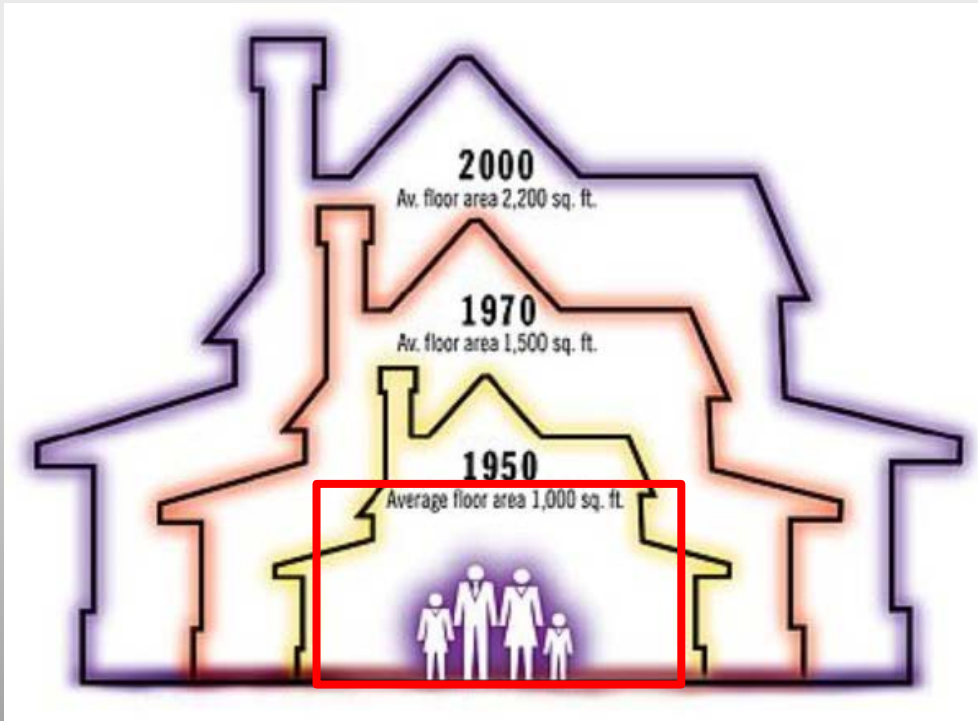


Deliver FAIRER rates

Reflecting the cost to rebuild

Because of increased housing sizes and related costs, the current system overcharges inexpensive homes

The new rates will use replacement cost data to estimate the cost to rebuild the home, correcting the current inequalities



Deliver CREDIBLE Rates

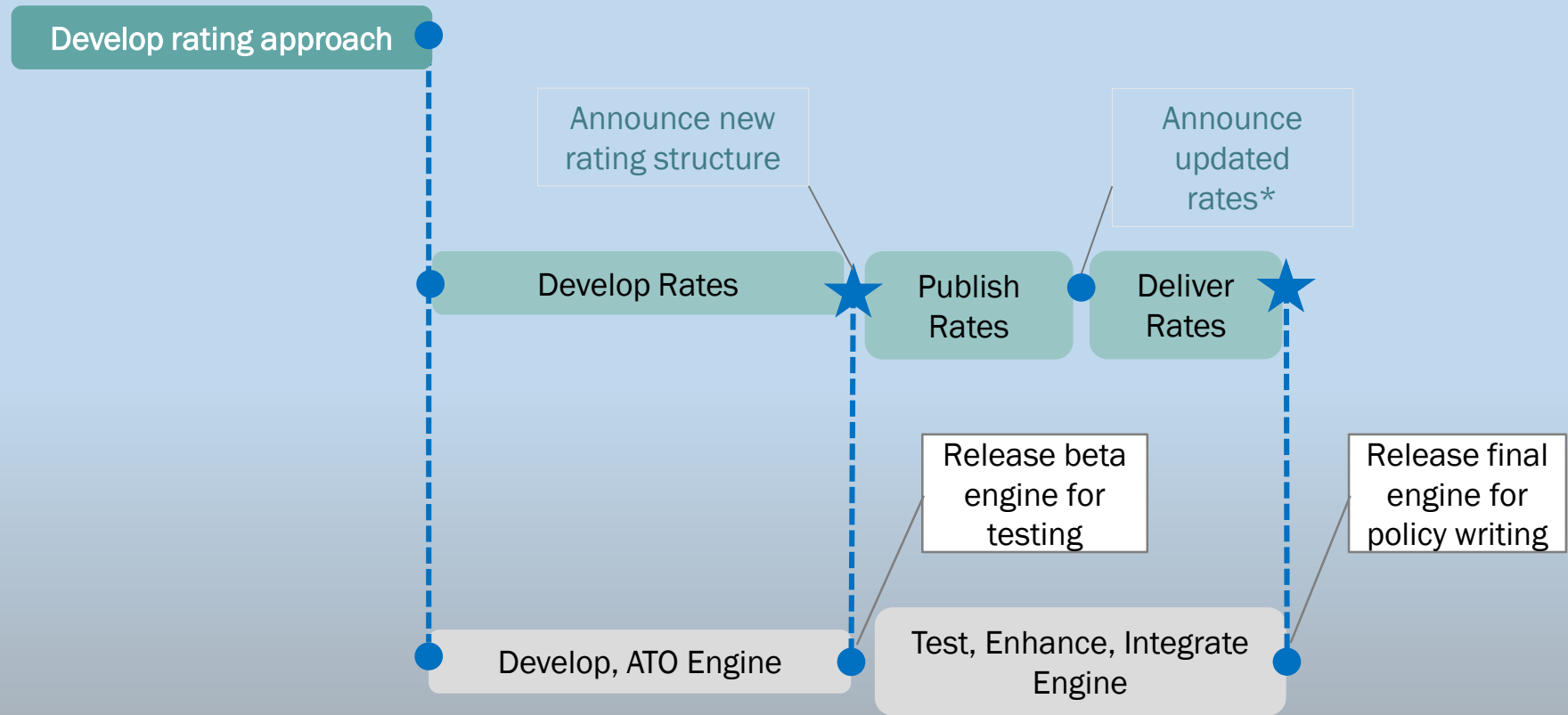
Structural elevation is a key risk factor

- Elevation certificates
- New technology



Segment 1 Timeline

Year 1: 2017				Year 2: 2018				Year 3: 2019				Year 4: 2020			
Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct








Maintain Legacy Systems

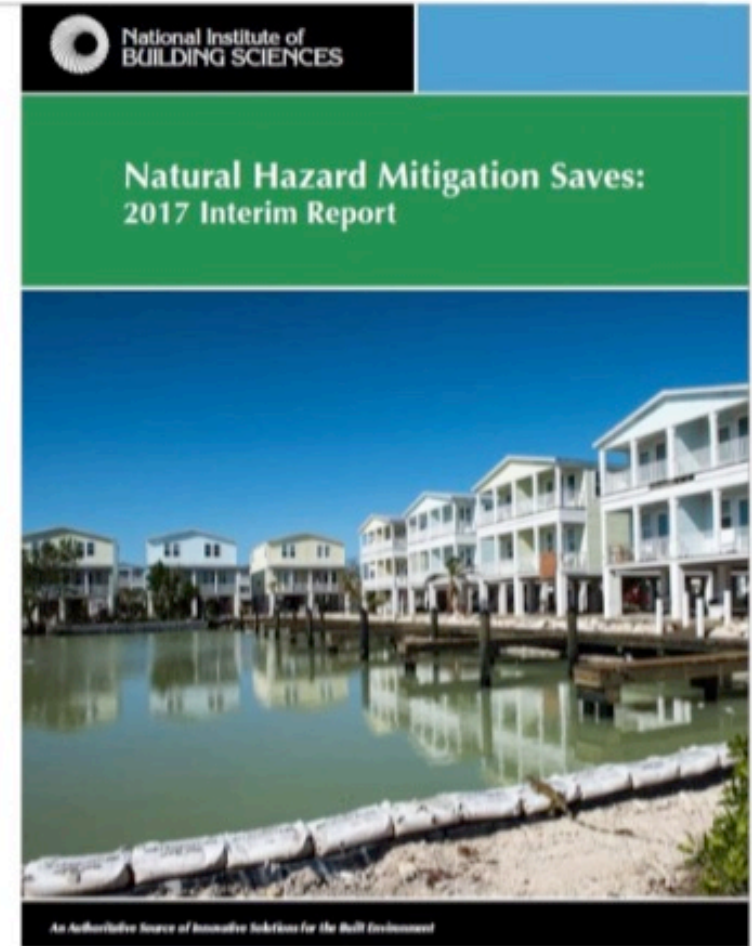
*to include leveed areas



Mitigation Saves 2.0 – 2017 Interim Report Released 1/11/18



National Benefit-Cost Ratio (BCR) Per Peril <small>*BCR numbers in this study have been rounded</small>		Beyond Code Requirements	Federally Funded
Overall Hazard Benefit-Cost Ratio		\$4:1	\$6:1
	Riverine Flood	\$5:1	\$7:1
	Hurricane Surge	\$7:1	Too few grants
	Wind	\$5:1	\$5:1
	Earthquake	\$4:1	\$3:1
	Wildland-Urban Interface Fire	\$4:1	\$3:1



Accessible via: <https://www.fema.gov/media-library/assets/documents/156979>

Risks and their impacts are evolving



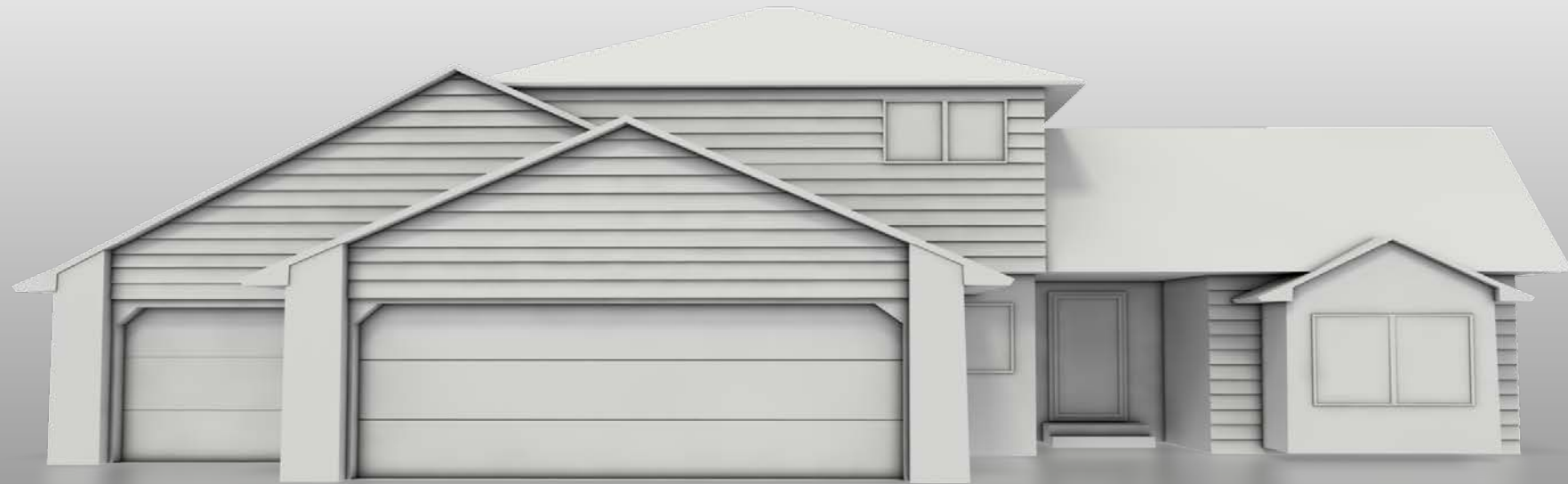
FLOOD MAPS



100 Year or 1% Chance Flood Concept

What does the Base
Flood Mean?

1% Chance of
occurring in any
given year.



FIRMette: Flood Maps On-Line

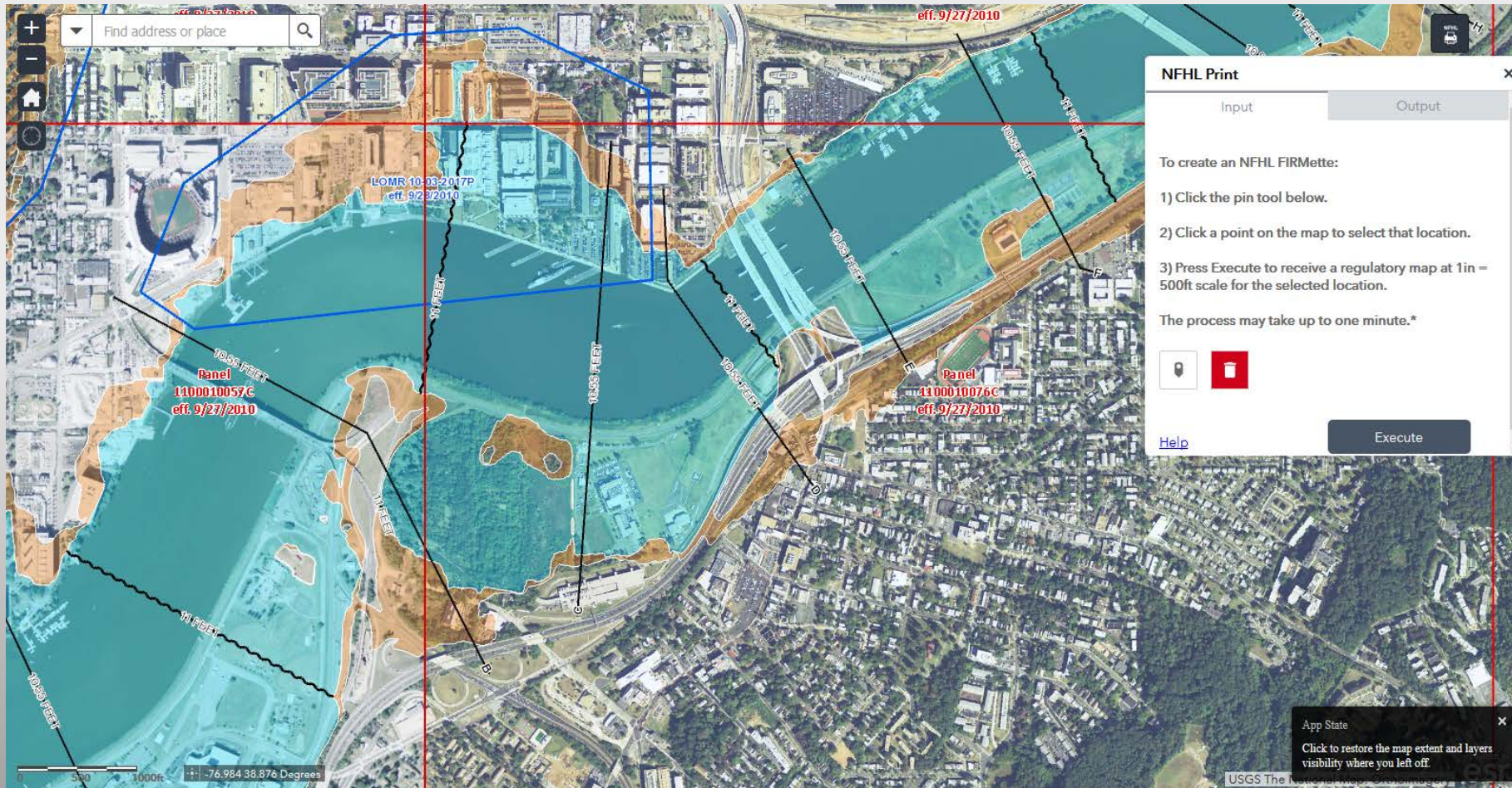


KNOW THE ZONE

- You can find and print a FIRM by using FEMA's on-line tools.
- Go to <http://www.msc.fema.gov>
- Click on "Map Search" link (top of page) and select "Public Flood Map" from the product pull-down menu.
- Enter the address and click the "Go" button.
- On the Map Search Results Page, click the green "view" button (far right).
- When the map appears, drag the red translucent box to the you want to print.
- Select paper size and select the scale, north arrow, and title block.
- Your FIRMette will be displayed and you can print or save the file as PDF or GIF.

COBRA Zones no longer on FEMA maps

New Resources – NFHL FIRMette



FACTORS

100-year or 1% Chance Flood

- Isn't stagnate
- Changes overtime
- Flood map frequency update average 10 years

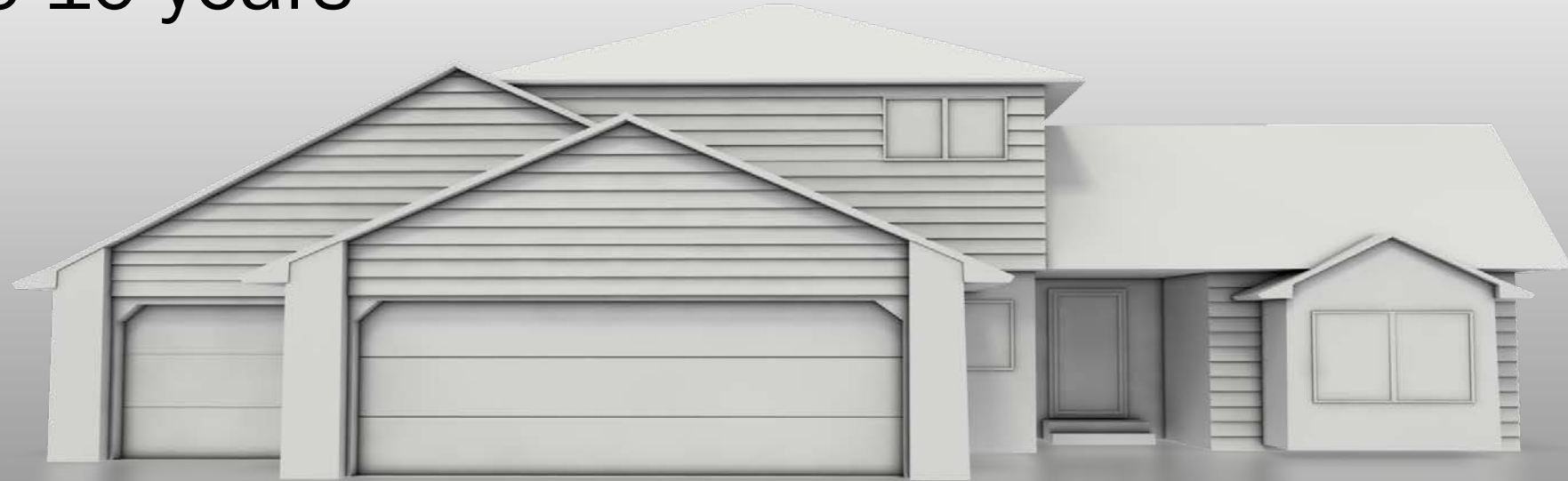
Rapid urbanization

Sea-Level Rise

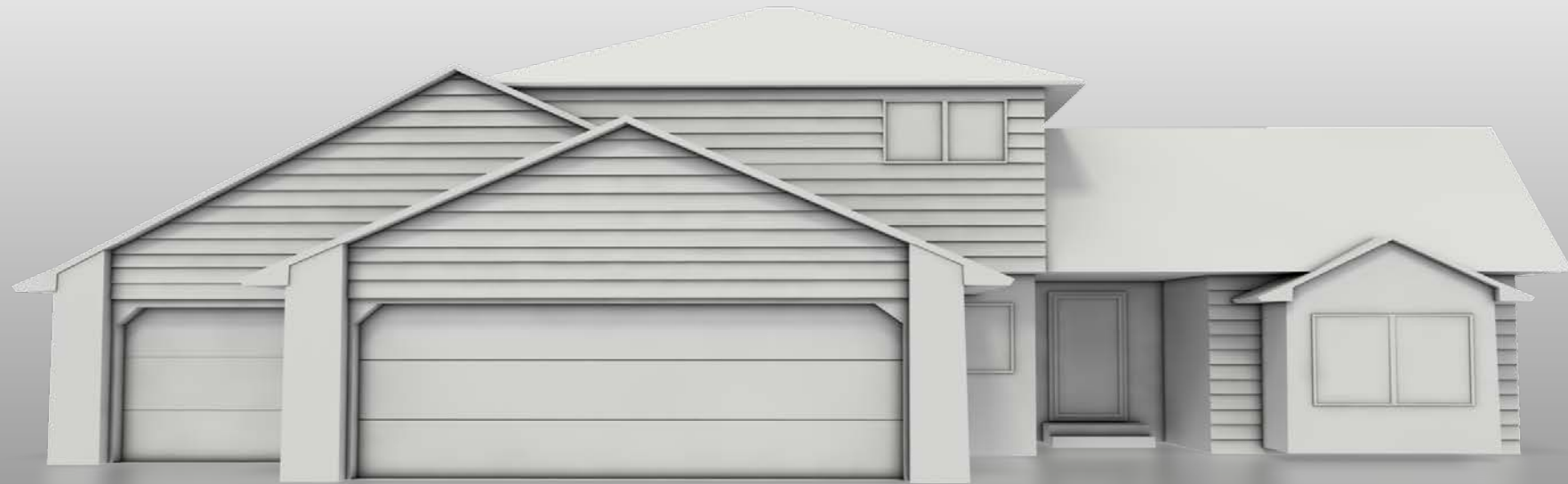
Climate change

Poor zoning

Poor codes



FLOOD INSURANCE



- OPTIONAL PURCHASE
FOR MOST
HOMEOWNERS

"While Flooding from recent events such as Hurricanes Florence and Harvey have been devastating, 98% of US Counties have flooded in the past decade, the take up rate for flood insurance remains unacceptably low."

--Tim Brockett Munich Re

FLOOD INSURANCE

Only 12% of US homeowners
have flood insurance

- Insurance Information Institute



Severe Repetitive Loss

25% Annual increase

Any building that:

Is covered under a Standard Flood Insurance Policy;

Has incurred flood-related damage for which:

- **Four or more separate claim payments** have been made under a Standard Flood Insurance Policy, with the amount of **each such claim exceeding \$5,000**, and with the cumulative amount of such claims payments exceeding \$20,000;
or

- At least **two separate claims payments** have been made under a Standard Flood Insurance Policy, with the **cumulative amount of such claim payments exceed the fair market value** of the insured building on the day before each loss.

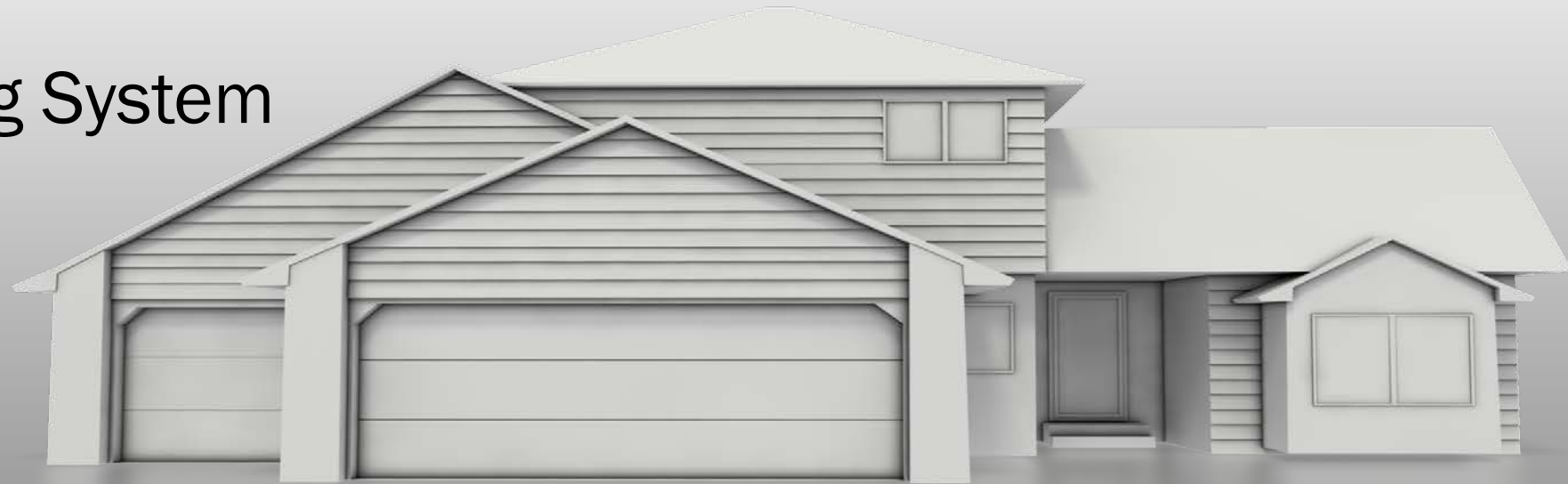




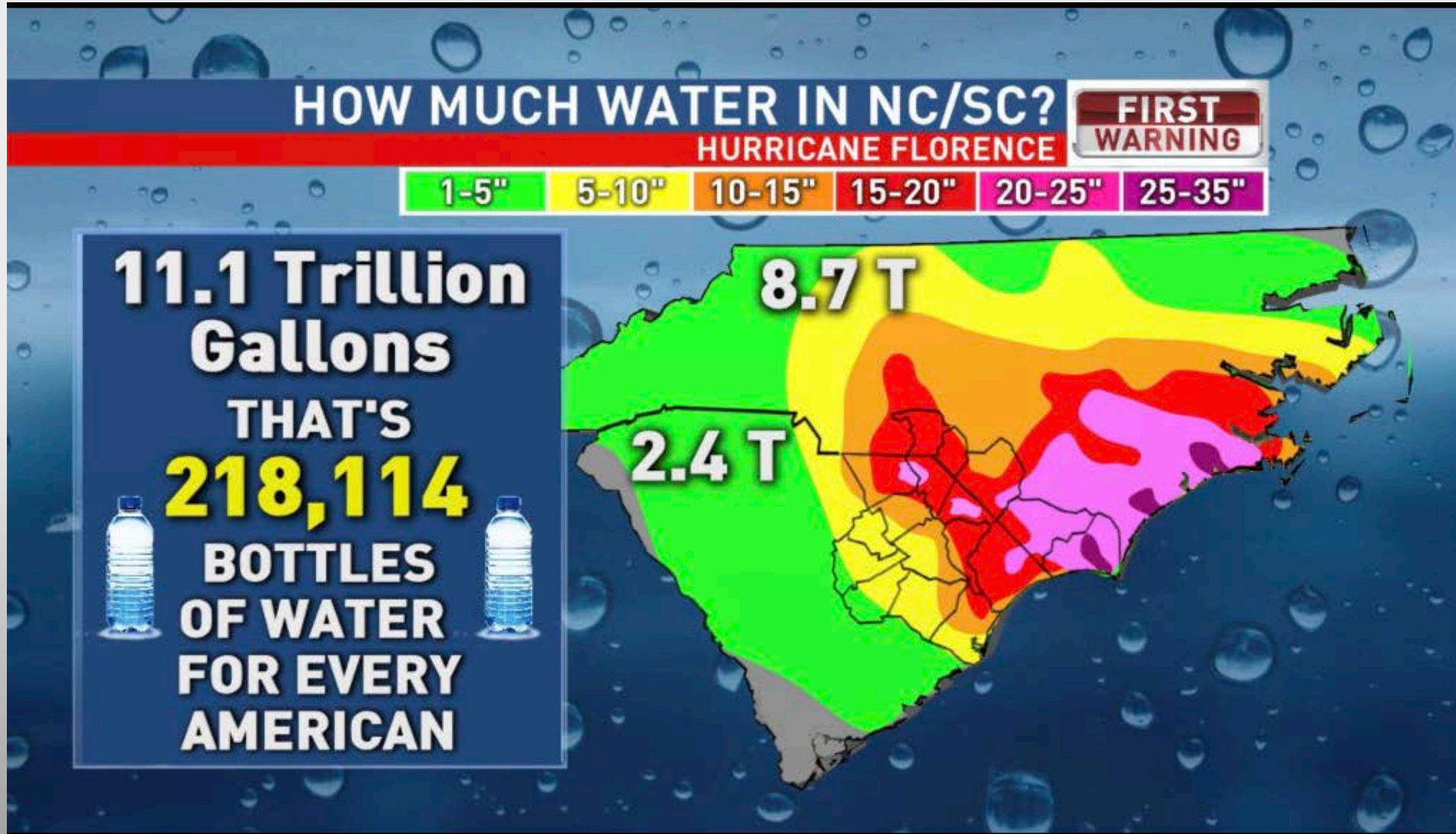
Mitigation

What are Communities Doing?

- Building Codes and Floodplain Ordinances
- Mitigation Plans
- Community Rating System



HURRICANE FLORENCE



LOCAL

Millions of Carolina homes are at risk of flooding.
Only 335,000 have flood insurance.



By Mary Williams Walsh, New York Times Updated 3:16 pm, Thursday, September 20, 2018

Some 31 million people in the Carolinas are at risk of their homes flooding because of Hurricane Florence. Only about 335,000 homes in the two states have flood insurance.

The math is simple, and the result is ugly: Many people affected by the storm are going to have to pay for repairs to their damaged homes out of their own pockets.

If that sounds familiar, it's because the same thing happened last year after Hurricane Harvey flooded Houston and, to a lesser extent, after hurricanes Irma in Florida and Maria in Puerto Rico.



NEXT STORY ►



Bloomberg

Subscribe

Cities Threatened by Climate Risk Still Getting AAA Bond Ratings

By [Christopher Flavelle](#)

November 2, 2018, 4:00 AM EDT

- One year later, no climate downgrades from Moody's, S&P, Fitch
- Investors say ratings still overlook risks of extreme weather



Photographer: [Luke Sharrett/Bloomberg](#)

Building/Zoning and Floodplain Management Codes/Regulations

- National Standards – one size fits all NOT
- Height Restrictions –
 - Leads to flatter roofs and/or replacement structures less (square footage, value)
 - Compromises aesthetics over safety and resiliency
- Minimum Floodplain Management Codes don't minimize flooding – last update 1989



High Insurance Premiums & Disasters

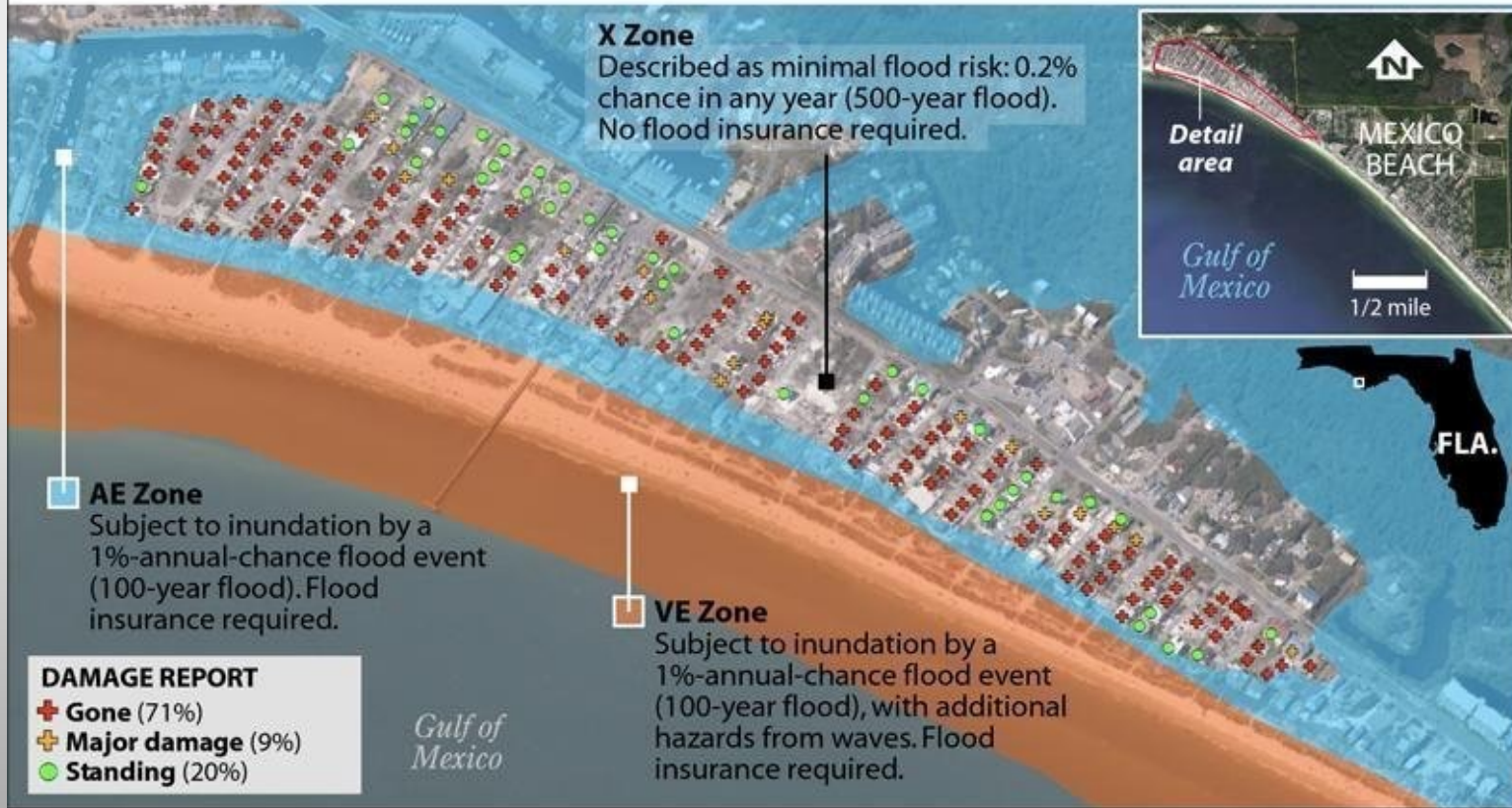
- Takes money out of the local economy
- Affects the entire community
 - Tax base
 - Abandon structures
- Small Businesses
 - 40% failure rate. Small businesses fail to plan
 - Underinsured



HURRICANE MICHAEL

Paradise Lost

Before Hurricane Michael struck, FEMA maps showed more than 200 homes in Mexico Beach, Florida, were in a zone considered to have minimal flood risk (gray on the map). About 80 percent of those homes were either destroyed or severely damaged by Michael's storm surge.



SOURCE: Western Carolina University Program for the Study of Developed Shorelines

PAUL HORN / InsideClimate News

simply flood .com

FEMA MITIGATION GRANTS

PRESIDENTIALLY DECLARED DISASTER

- BUY OUT – MUST REMAIN OPEN SPACE
- ELEVATION
- DEMO-REBUILD

PLUS

ICC up to \$30K for policy holders, if they have no maxed out policy limits.
No duplication of benefits



How much does elevation cost?



Approx. \$15.00-\$18.00
per square foot plus
new foundation



After the next disaster will your community be



You get to choose today

 simply flood .com

Action items

- Scope the REAL Flood Hazard beyond the FEMA Maps
 - Storm water/Drainage
 - Sea Level Rise
- JOIN CRS
- Update and Implement the Mitigation Plans
- Update local codes and ordinances
- Seek public input
- Ask for help



WILL YOUR COMMUNITY FLOAT OR SINK IN THE NEXT WAVE OF DISASTERS?

Compelling and empowering others to reduce risk

Mitigation Saves 2.0



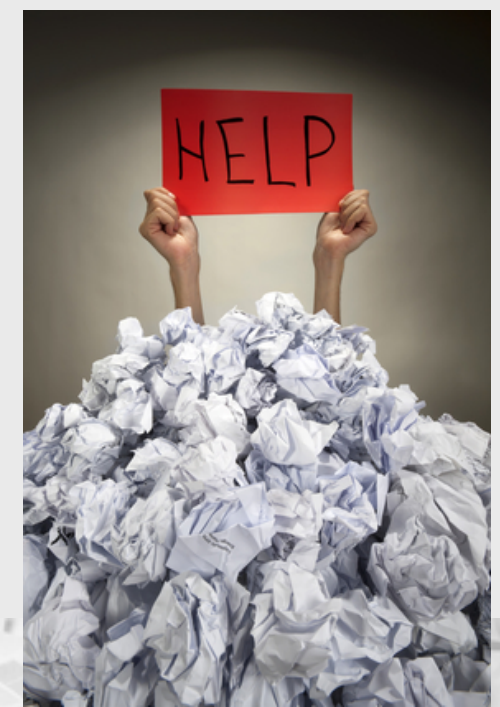
National Mitigation Investment Strategy



Catalyzing Mitigation Investment



Is this
you?



**CALL US
FOR
HELP**



QUESTIONS

Thank you for joining us

We look forward to continuing
the conversation with you

Choice Flood Insurance LLC

Lisa Sharrard, CFM, ANFI, CPM Insurance Agent

(803)865-4297

Writing in and out of SC

