

Economic Reverberations of Chronic Flooding



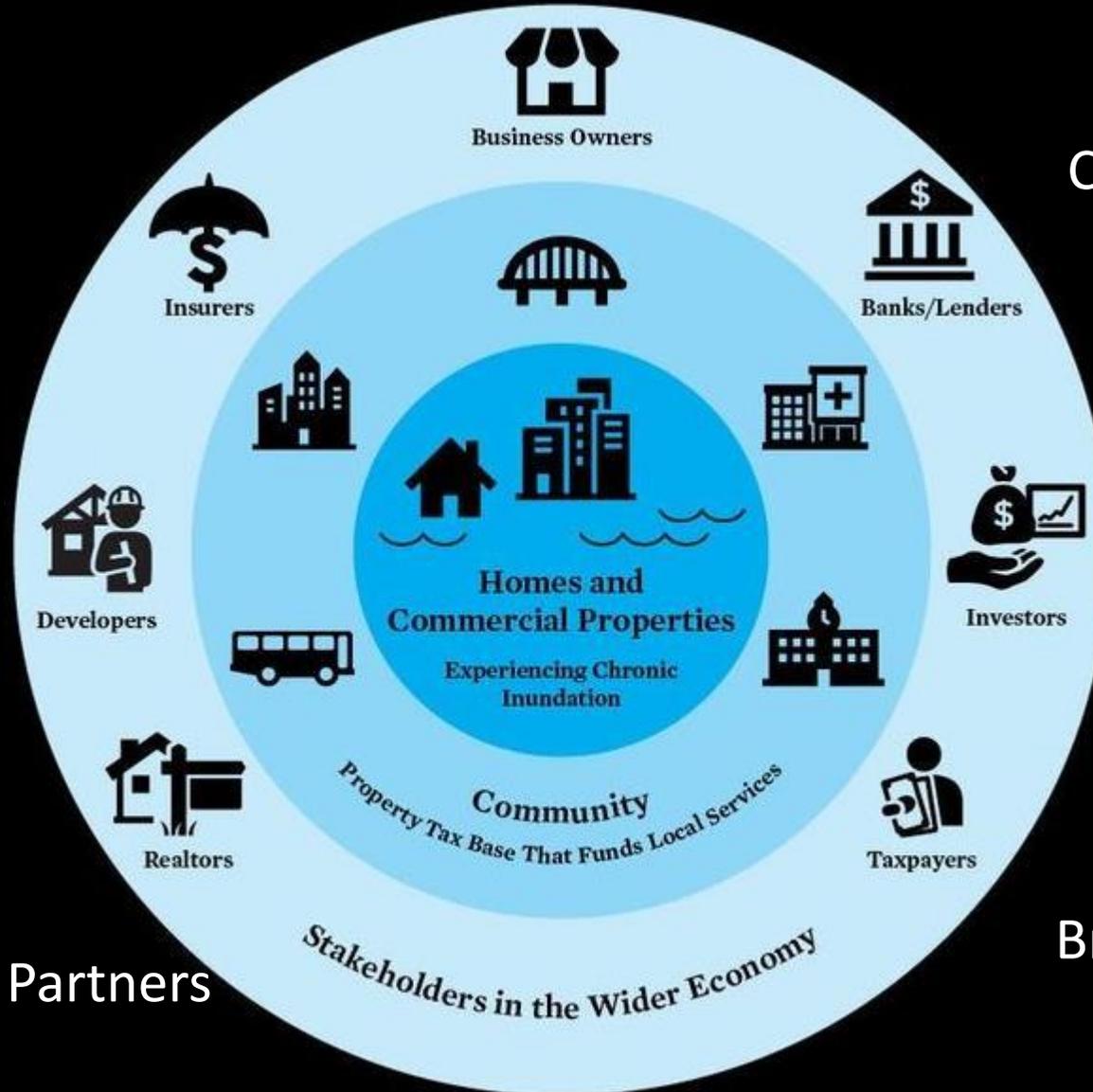
[Market experts: "Matrix of Voices"

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Wharton Risk Center

Breckenridge Capital Advisors

“As an investment manager, one of the biggest challenges is the disconnect between time horizons for investments in bonds— sometimes they can be as short as three to five years—and the time frame for significant tipping points when, say, 50 to 70 percent of a city’s tax base is at risk of flooding.”

**- Andrew Teras, Vice-President and Senior Analyst,
Breckinridge Capital Advisors**

“S&P Global Ratings see the uniform and transparent disclosure by governments of the potential effects of gradual environmental change and extreme weather events as both an important input into our assessment of management's ability to respond to the risks and one of the largest challenges to the market.”

**- Kurt Forsgren, Managing Director , Infrastructure Sector Lead
S&P Global Ratings**



[Our Challenges and Choices

Knowing our risk

Closing the awareness gap

- Home-Buyer's
- State & local role
- Federal Role
- Market place

Know Your Risk

*A Home-Buyer's Guide to Asking Smart Questions
about Tidal Flooding*



[Realign policies & market incentives to reflect risk



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The infographic includes an orange arrow pointing from a blue circle containing the text to a stack of green banknotes with a green plus sign next to it.

Natural Hazard Mitigation Saves: 2012 Interim Report
efds.org/mitigation/saves

The World Bank Group FEMA

Planning for a Resilient Future for all



Photo credit: Matt Green

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Underwater: Rising Seas, Chronic Floods, and the Implications for US Coastal Real Estate (2018)



Hundreds of thousands of homes are at risk of chronic flooding due to sea level rise over the coming decades. The implications for coastal residents, communities, and the economy are profound.

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- [Complete data by state >](#)
- [Complete data by community >](#)
- [Complete data by ZIP Code >](#)

[Información disponible en español](#)



If you or somebody you know is looking at coastal real estate, here are some smart questions to ask about tidal flooding. Read the brochure online or print it using this printer-friendly layout.

Explore interactive maps of the analysis



Interactive maps show how many homes are at risk by state, community, and ZIP Code. The maps also show the current property value, estimated population, and the property tax base at risk.

State-specific information (press releases)

[California \(English | Spanish\)](#) – [Delaware](#) – [Florida \(English | Spanish\)](#) – [Georgia](#) – [Louisiana](#) – [Maryland](#) – [Massachusetts](#) – [New Hampshire](#) – [New Jersey \(English | Spanish\)](#) – [New York \(English | Spanish\)](#) – [North Carolina](#) – [Pennsylvania](#) – [South Carolina](#) – [Texas \(English | Spanish\)](#) – [Virginia](#) – [Washington](#)

[Download data for all years and sea level rise scenarios included in this analysis \(Excel\)](#)

[By state](#) – [By community](#) – [By ZIP Code](#)

Selected Media Coverage

USA TODAY

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300,000 coastal homes in US, worth \$120 billion, at risk of chronic floods from rising seas

David Rice, USA TODAY | Published 1:05 pm ET, June 18, 2018 | Updated 2:50 am ET, June 18, 2018



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Millions of US homes at risk of chronic flooding this century, new study says

By Jennifer Gray and Brandon Miller, CNN
Updated 12:05 PM ET, Mon, June 18, 2018



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Photo from: Climate change is real (C. 4)

The Guardian

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Sea level

Flooding from sea level rise threatens over 300,000 US coastal homes - study

Climate change study predicts 'staggering impact' of swelling oceans on coastal communities within next 30 years



Oliver Willman in New York

1,269

“Ooma Office could save \$200 per month on your phone bill. Let's chicken dance.” - Bob

The Post and Courier Winner of the Pulitzer Prize

88°

Sea level rise study shows Charleston area one of the riskiest places to live in Southeast

By Aaron Hertzberg | Updated 11:58 am, June 18, 2018



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Bloomberg

Climate-Changed Taxpayers in the Hamptons Among the Most Exposed to Rising Seas

By Danielle Moran
June 18, 2018, 9:07 AM PDT

- Smallhampton, New York has 14th property tax value at risk
- New Jersey and Florida are the most susceptible states



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Property at Risk from Rising Seas, by Congressional District

<https://www.ucsusa.org/coastaldistricts>

Property at Risk from Rising Seas, by Congressional District

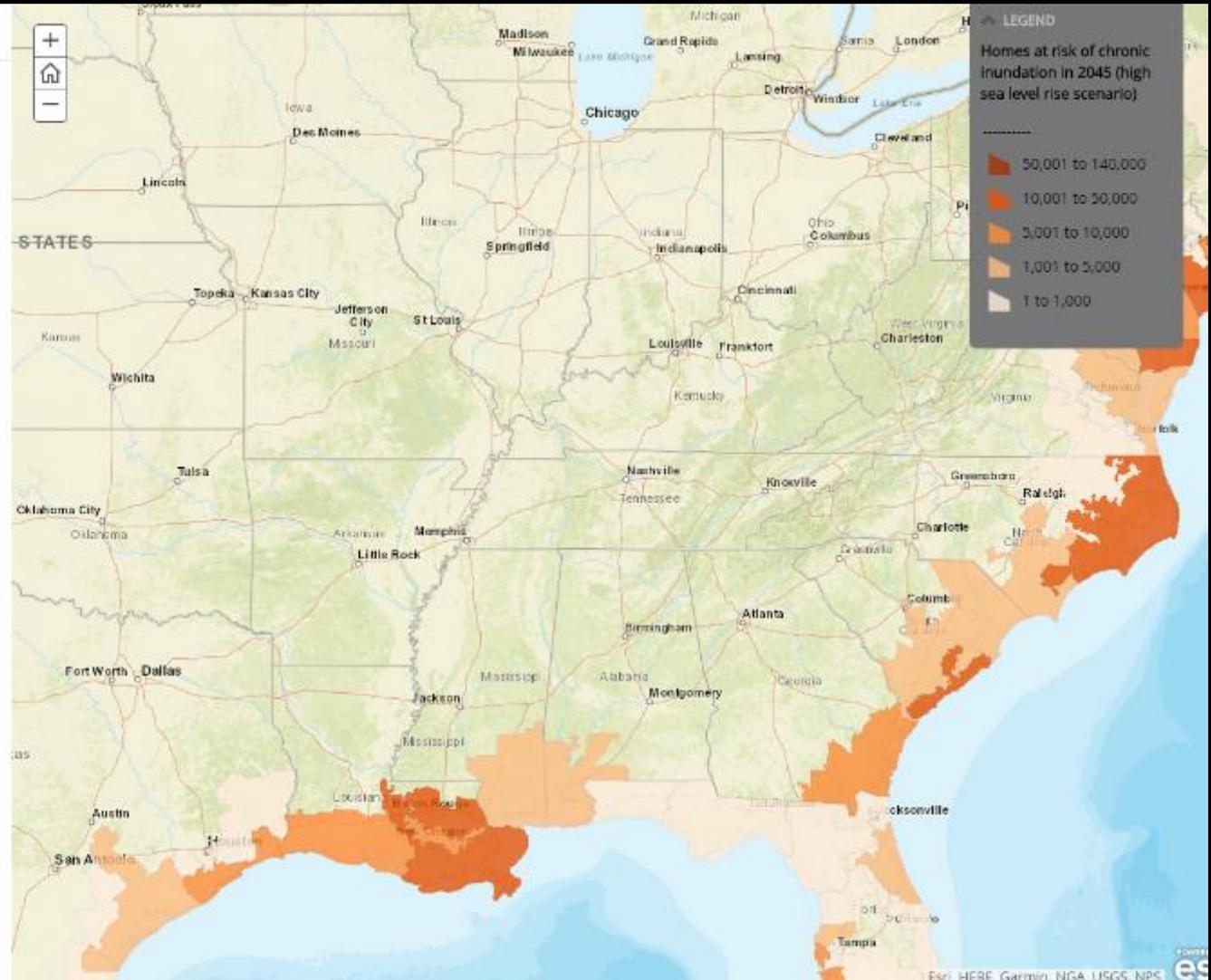
This series of maps identifies the number of US homes at risk from chronic flooding over the coming decades due to sea level rise for every coastal Congressional district in the Lower 48.

You can **move and zoom the map** to your area of interest. **Click on any district** for more detailed information, including links to district-specific fact sheets.

The initial map shows the number of homes potentially at risk from chronic flooding in 2045, a time frame within the lifetime of a 30-year mortgage issued today. For this analysis, chronic flooding is defined to be flooding that occurs 26 times or more per year, a level of disruption also referred to as chronic inundation.

Swipe or scroll down to explore more of what's at risk, including total current property value, estimated population, and annual property tax contribution associated with at-risk homes.

Data is drawn from the analyses *Underwater: Rising Seas, Chronic Floods, and the Implications for US Coastal Real Estate* (2018) and *When Rising Seas Hit Home: Hard Choices Ahead for Hundreds of US Coastal Communities* (2017).



Thank you. Any questions?

[

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Report available at <http://ucsusa.org/underwater>