Florida Housing Coalition Hurricane Member Update Webinar

September 11, 2020

Sponsored by Fannie Mae

AGENDA

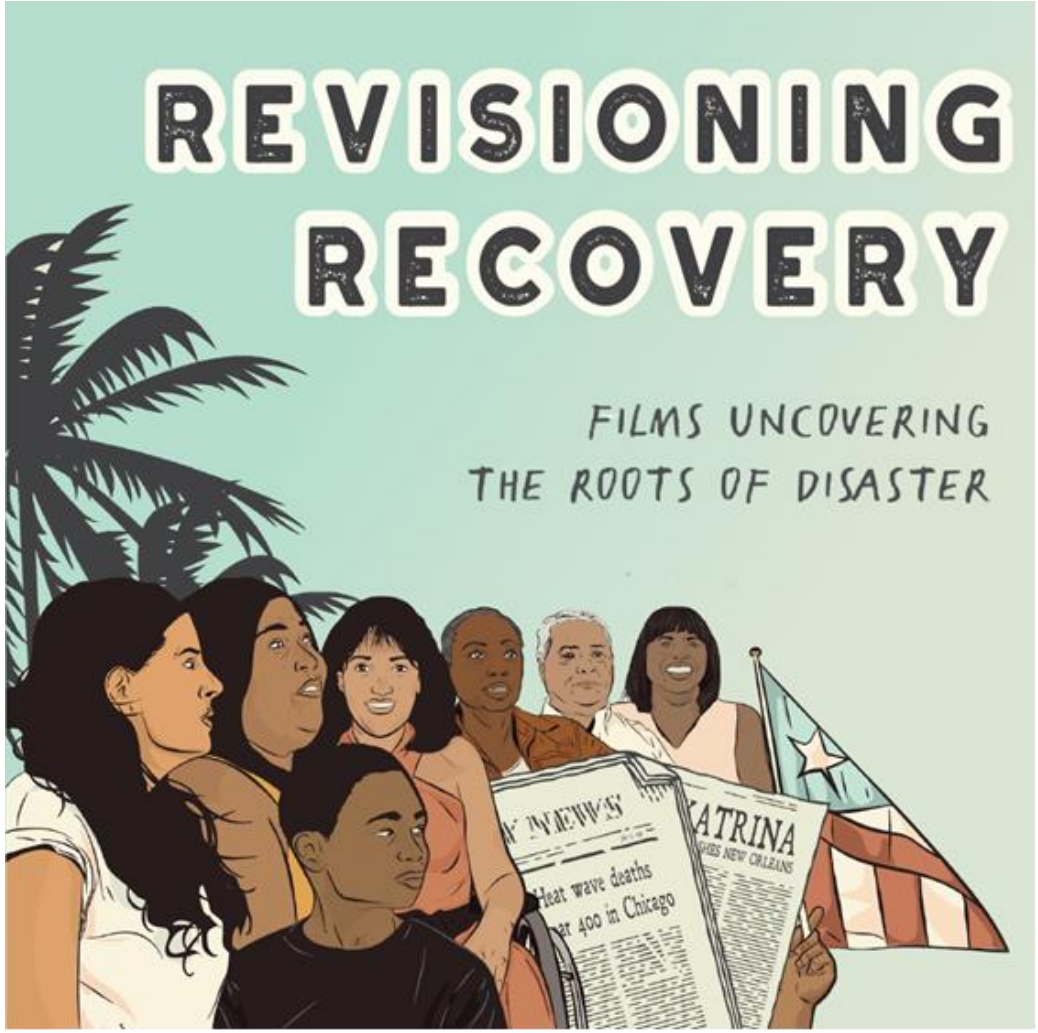
- 2020 FHC Conference Snapshot
- Hurricane Irma Three Year Anniversary
- Enterprise Community Partners: Keep Safe Miami

FHC Conference Live Sessions

- ***Revisioning Recovery: Films Uncovering the Roots of Disaster* Short Films**
- **Disaster Forum: Pay Me Now or Pay Me Later**
  - **Keep Safe Miami**
  - **REACH**
- **Innovative Housing Showcase – Exhibit Hall**

FHC Conference: On Demand Sessions

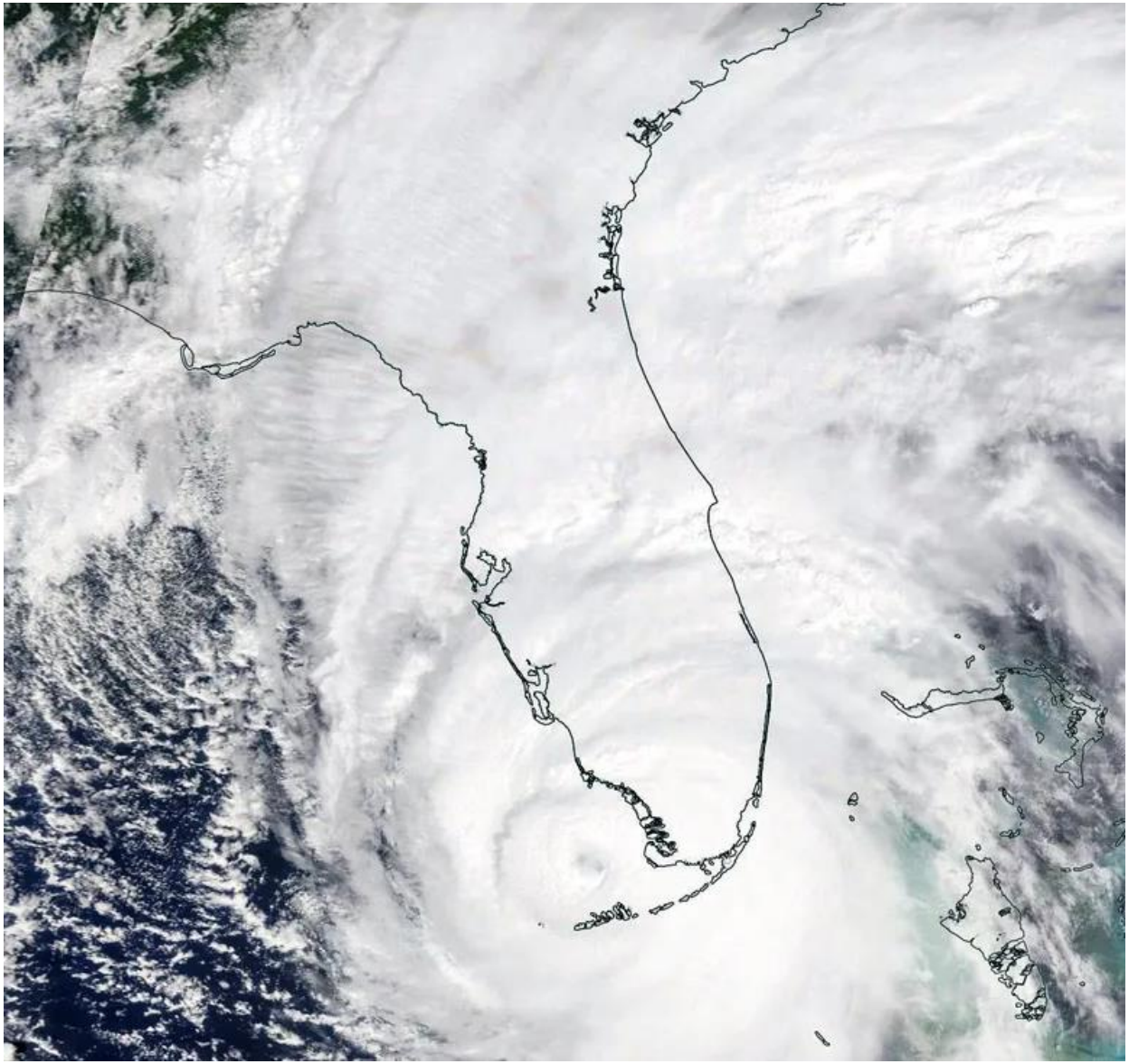
- **Innovative Housing Designs for Rapid Rebuilding and Welcome to the Innovative Showcase- FEMA tool**
- **Wind and Flood Insurance: Are Dark Clouds Forming and Can we Mitigate During Blue Skies?**
- **Disaster Case Management: The Calvary Arrives**
- **Two Years and Counting: Research, Community Engagement and Hurricane Michael Recovery**
- **Rebuilding Florida Better for the Long Term**



STORIES LEAD TO ACTION: YOU CAN HELP FIGHT FOR CLIMATE JUSTICE!

SCREEN FILMS WITH YOUR AUDIENCE

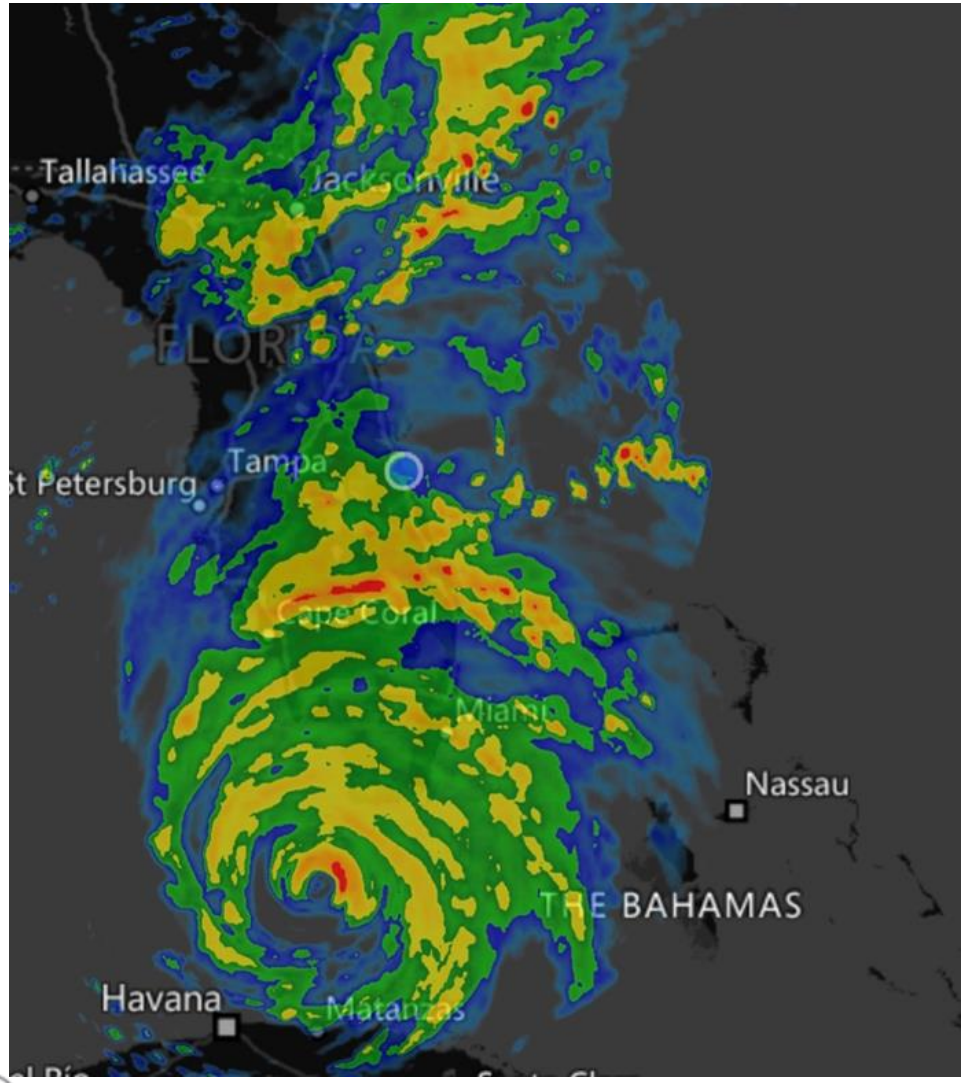
To view the films visit: https://vimeo.com/432294464
Password: revisioning
Revisioning Recovery website: www.workingfilms.org/revisioning-recovery.



September 10, 2017

Hurricane Irma Anniversary

Hurricane Irma: September 10, 2017



According to the most recent Hurricane Irma claims data from the Florida Office of Insurance Regulation in January of this year, more than 1 million Irma claims have been **filed – 909,321 of those being residential property and 61,518 commercial – totaling almost $17.5 billion in insured losses**.

The 2017 Atlantic Hurricane Season: "Disaster displacement, one of the biggest humanitarian challenges of the 21st century."

- United States - Total displacement in 2017: 1.7 million according to the US Federal Emergency Management Agency (FEMA). The Atlantic hurricane season, especially hurricanes Irma, Harvey and Maria, affected the US.
- Hurricane Irma accounted for 202,000 new displacements, mainly in Florida.
- Cuba- The highest displacement from Hurricane Irma was in Cuba where 1.7 million new displacements occurred.
- In 2017, Hurricane Harvey resulted in 848,000 displacements
- www.Disasterdisplacement.org,

County	# Units Damaged by Hurricane Irma	# of Total Non-Seasonal Units in County	% of Units in the County Impacted by Hurricane Irma	Lower income Units as % of damaged
State Total	569,108	8,246,079	6.9%	75%
Monroe	13,028	36,727	35.5%	62.5%
Miami-Dade	124,947	933,048	13.4%	79.9%
Broward	60,359	737,063	8.2%	74%
Duval	21,814	390,624	5.6%	79.2%
Collier	16,689	148,059	11.3%	67.5%
Lee	29,803	289,116	10.3%	69.2%
Orange	31,067	489,345	6.3%	77%
Polk	26,459	251,852	10.5%	73.6%
Clay	3,643	75,893	4.8%	62.3%
Brevard	14,314	251,320	5.7%	73.7%

County	Estimated # of Hurricane Maria Evacuee Households Settling in County	Hurricane Maria Households in County as % of State Total
State Total	21,371	100.0%
Orange	6,111	28.6%
Osceola	3,177	14.9%
Hillsborough	1,729	8.1%
Miami-Dade	1,710	8.0%
Polk	1,508	7.1%
Broward	1,356	6.3%

“Keep Safe” Publication from Enterprise Community Partners

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Sara Haas
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Mitigation Publication: Practical Resilience Solutions

Keep Safe: A Guide for Resilient Housing Design in Island Communities

https://click.info.enterprisecommunity.org/?qs=55fe28083e635c0c6452f304b77d3c1c1c78443d0aa56d2349eb94c599c2ed9b215da4f6ab36e0a6023a8a3b270c9aadf226d2e30b7927e1b4000951732ff9cb

Queries

1. Which stakeholders have the most concern regarding resilience of buildings?
2. What benefits will you incur from improving resilience of buildings?
3. What's the next best alternative to what we're proposing?
4. What are existing barriers to doing this work?
5. In the moment question – what do you need given the current situation?

Upcoming Training

September 18, 2020 1:30 pm Hurricane Update

https://attendee.gotowebinar.com/register/9145580894206674445

Elected Officials Orientation to the Affordable Housing Advisory Committee (AHAC)
September 29, 2020 at 2:00 pm

https://attendee.gotowebinar.com/register/6449789493826646284

Technical Assistance is Available

Available Daily: **1 (800) 677-4548**

Options for Further Assistance Include:

Phone and Email consultation

Site Visits

Register at www.flhousing.org for:

Workshops

Webinars

Thank you!

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cook@flhousing.org

Michael Chaney
chaney@flhousing.org

KEEP SAFE *Miami*

Enterprise: Who We Are

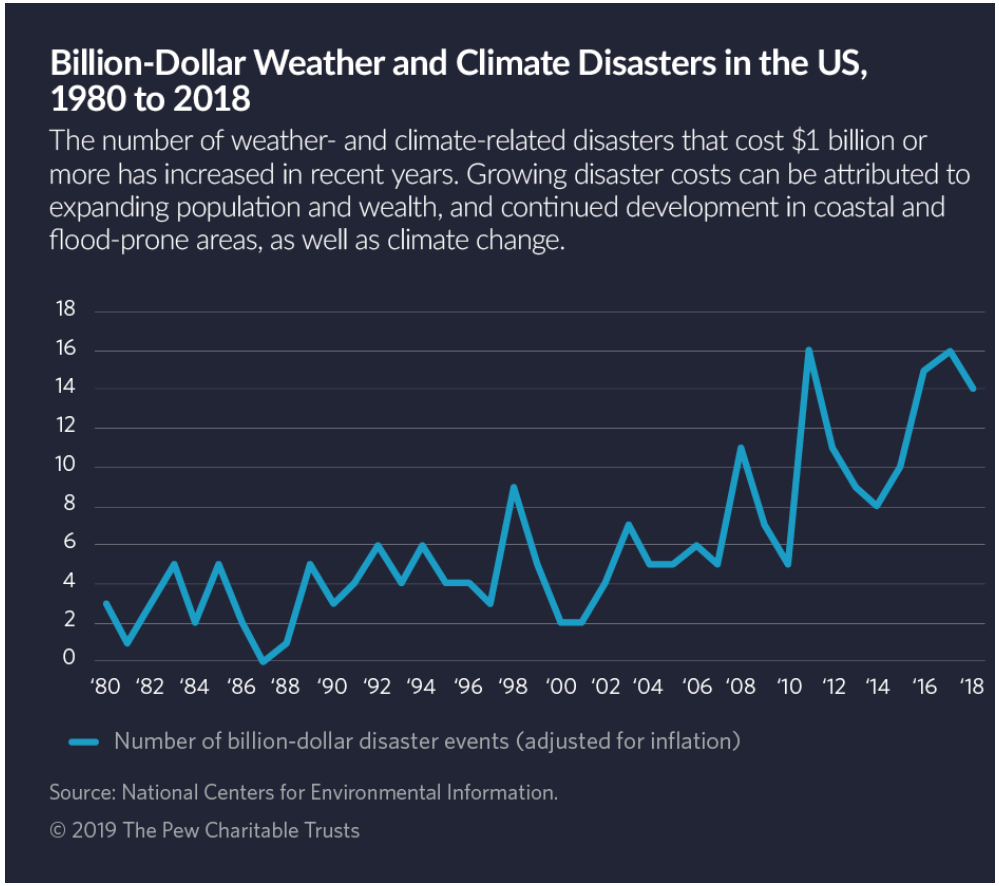
Create opportunity for low- and moderate-income people through fit, affordable housing in diverse, thriving communities.

15 Years of Work in Housing Resilience, Recovery, Rebuilding
Disasters Impact Housing Security

Hurricane Katrina	Super Storm Sandy	Hurricane Harvey-Houston	Hurricane Maria-Puerto Rico/USVI	Fires, California
August 23, 2005 800K Homes	October 22, 2012 650K Homes	August 17, 2017 135K Homes	September 20, 2017 370K Homes	October 2017, 2018, 2019 60K Plus

Climate Risk and Real Estate

- Large institutional investors know they must assess and manage climate-related risks if they are to meet their fiduciary duties to clients and beneficiaries.
- Climate change is already influencing real estate markets, with properties exposed to sea level rise in the United States selling at a 7 percent discount to those with less exposure.
- U.S. markets most exposed to sea level rise include New York, San Francisco, Miami, Fort Lauderdale, and Boston.



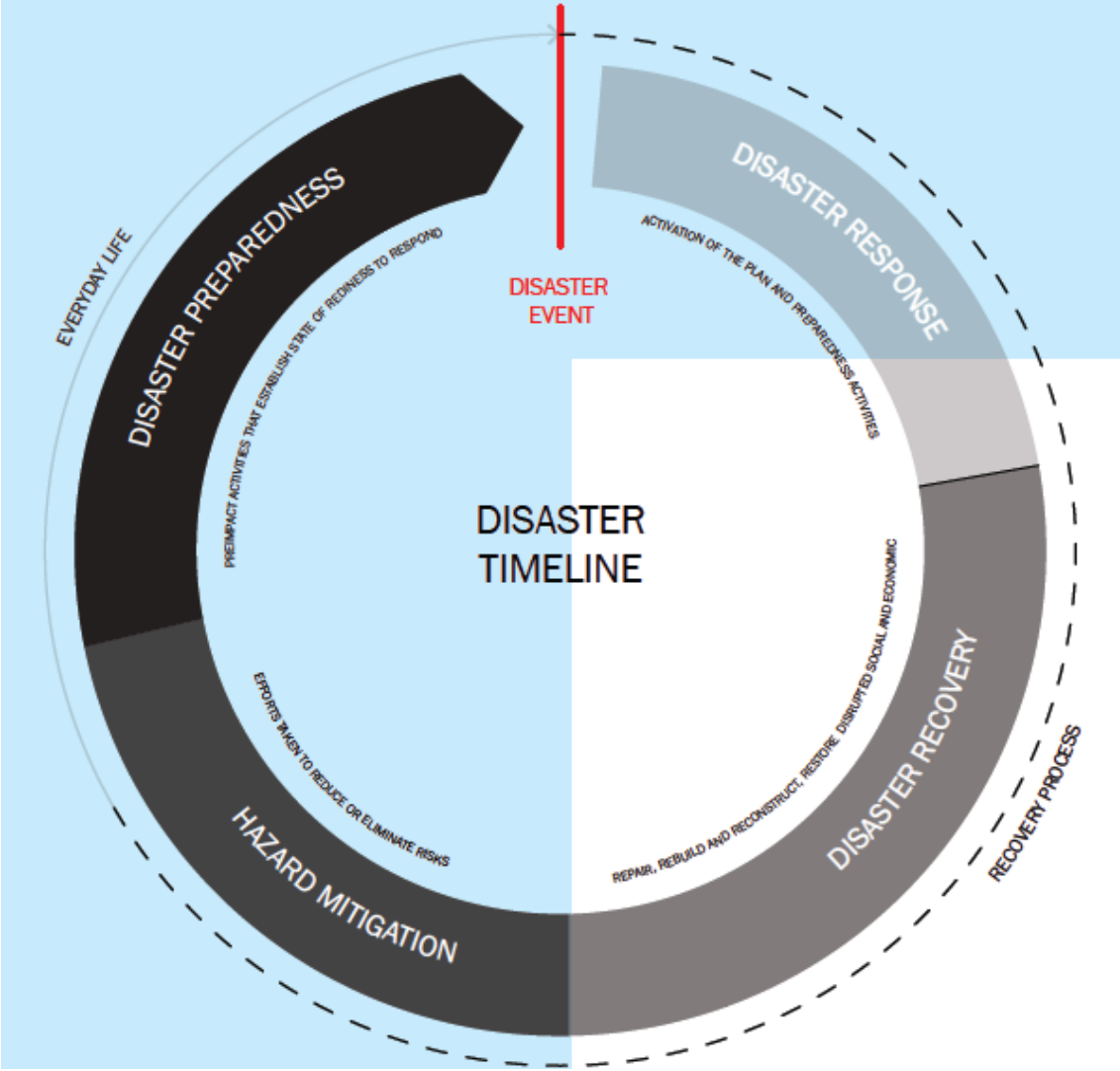
http://427mt.com/wp-content/uploads/2018/10/ClimateRiskRealEstateBottomLine_427GeoPhy_Oct2018-4.pdf

HOW ENTERPRISE SUPPORTS COMMUNITIES

Policy
- CDBG-DR Standing Allocation
- National Flood Insurance Program
- Local Advocacy
- Code

Solutions
- Technical Assistance
- Developing Guidance Tools for Resilient Housing
- Piloting Housing Innovation models

Capital
- Grants for Recovery
- Grants for Resilience
- Loan Capital
- Investment



Beach 1 and II Rockways, NY

Collaborating Partners: Federal, State, Local

U.S. Department of Housing and Urban Development

Fannie Mae

NeighborWorks®

NRDC Natural Resources Defense Council

NYC Mayor's Office of Resiliency

Urban Land Institute

JPMorganChase Foundation

USDN urban sustainability directors network

FEMA

The City of Miami Florida

Habitat for Humanity®

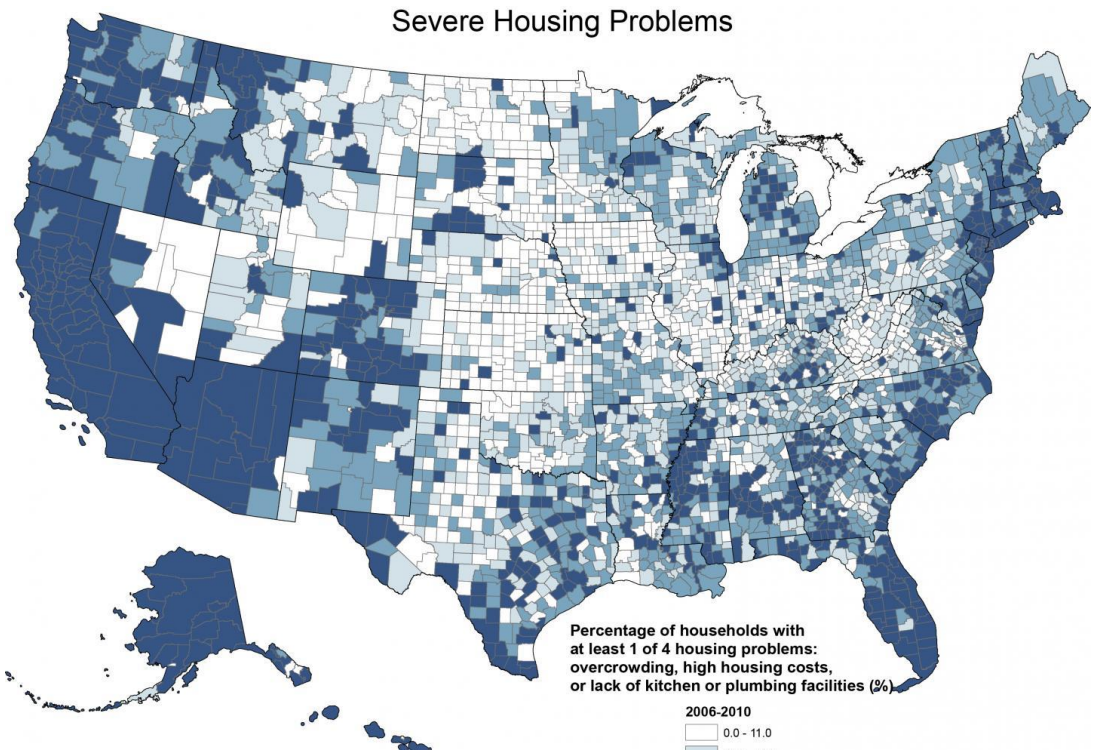
U.S. Department of Energy

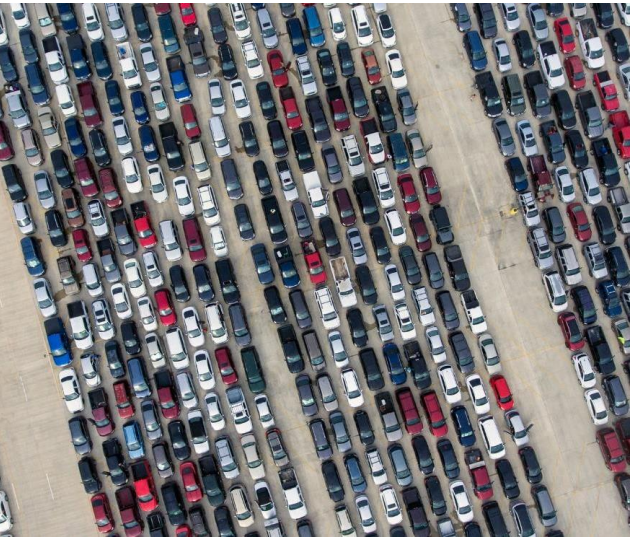
NREL National Renewable Energy Laboratory

Governor's Office of Storm Recovery

PathStone Connecting You to Opportunities

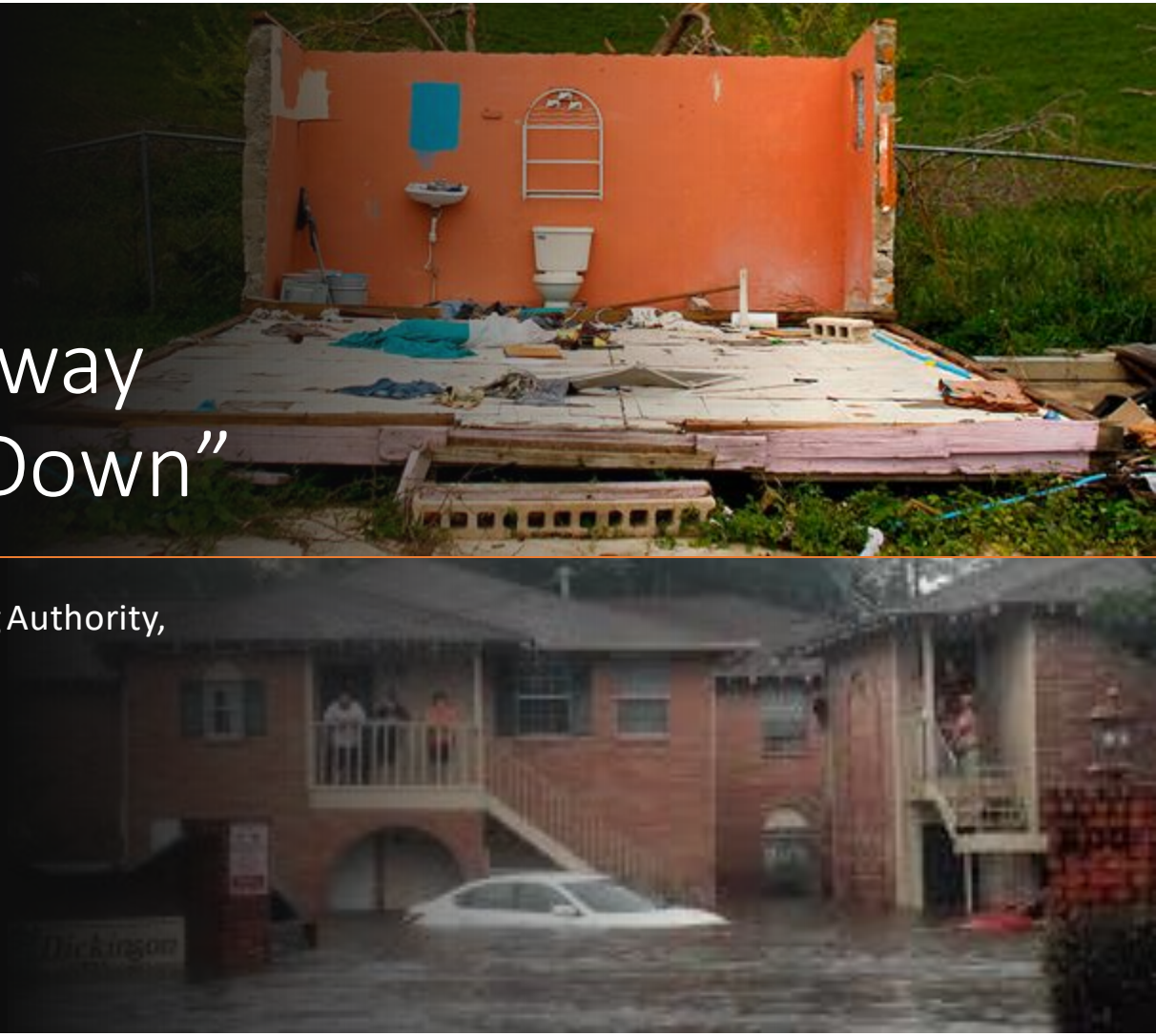
AFFORDABLE HOUSING SHORTAGE AND THE CLIMATE CRISIS



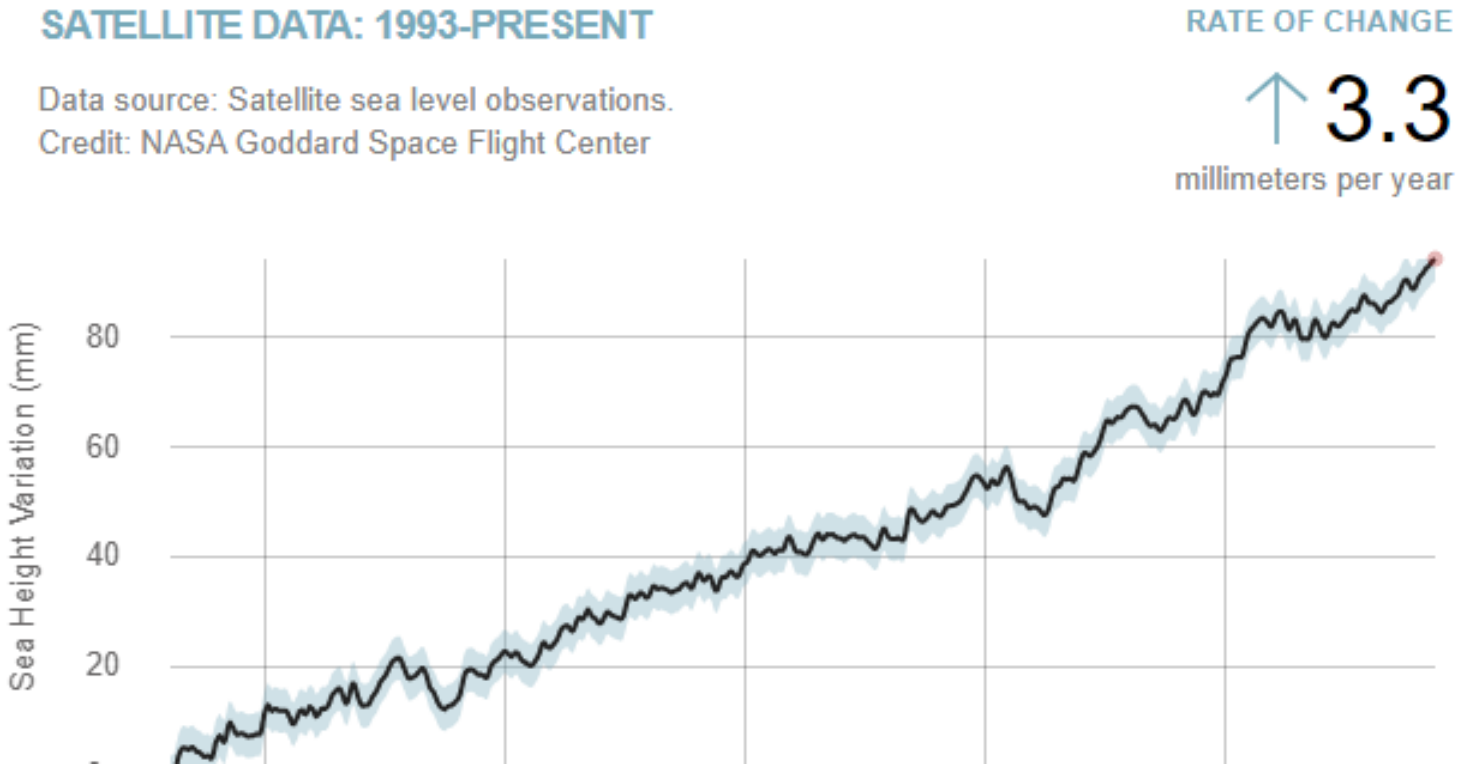


“One Storm Away from Closing Down”

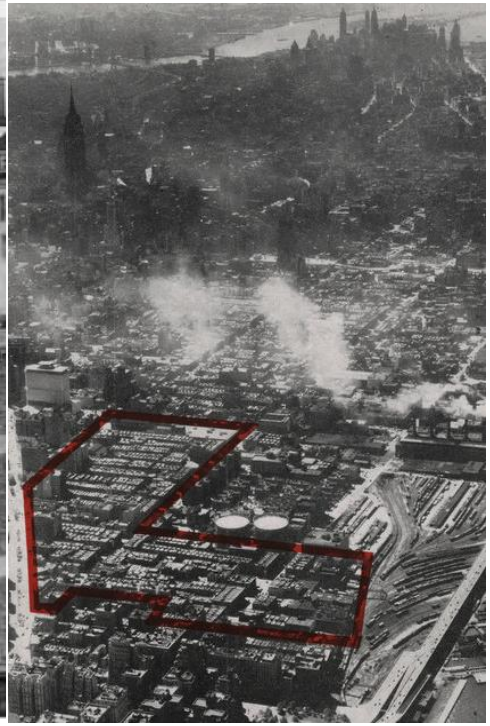
-Executive Director Public Housing Authority, Binghamton NY

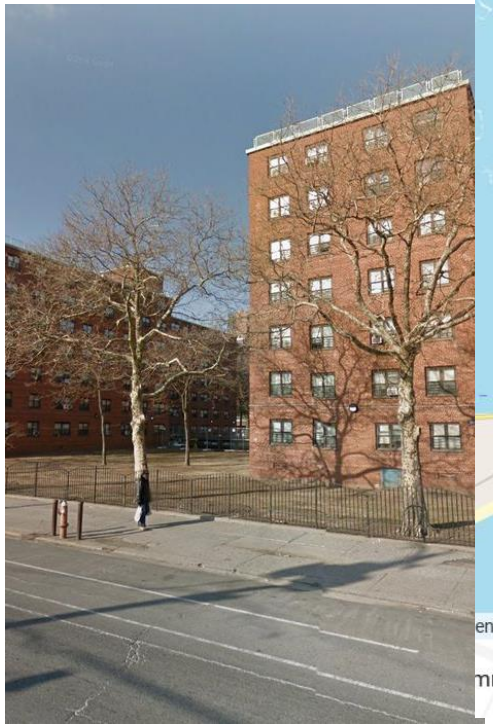


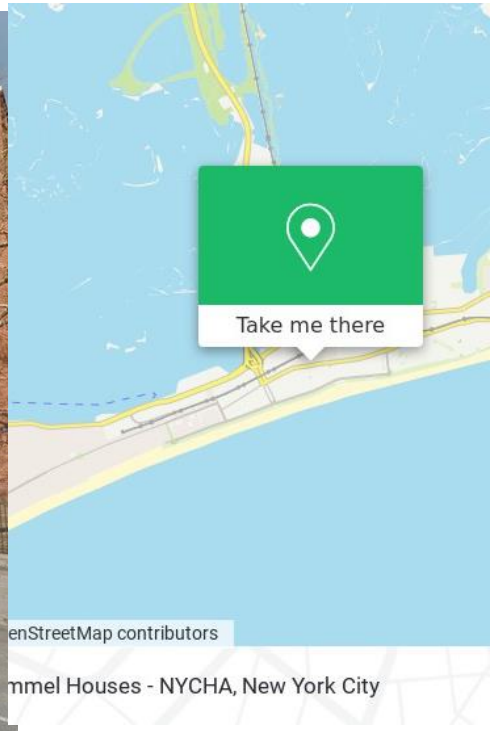
Designing for the Future



Redlining



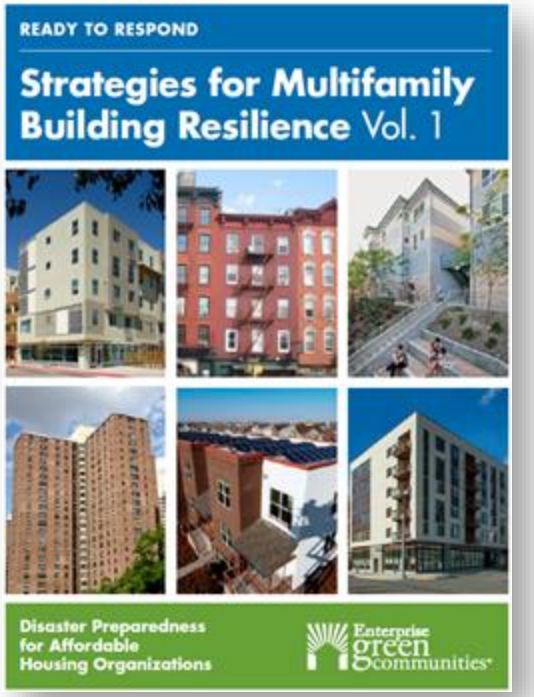




PUBLIC HOUSING: FROM BEDROCK TO BARRIER ISLAND

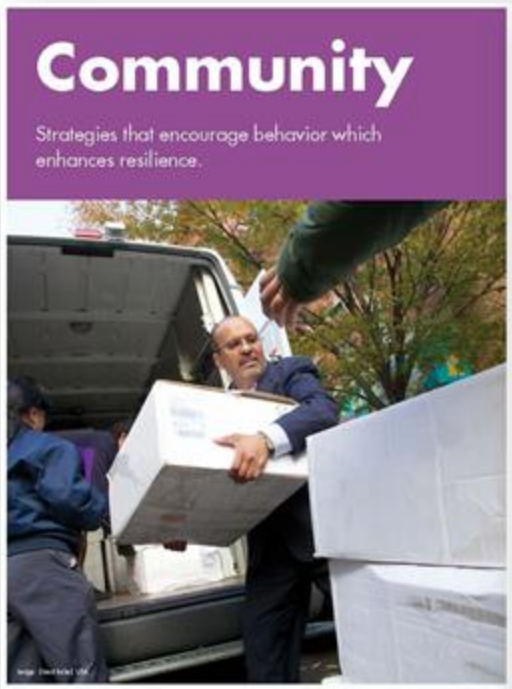
Housing
Projects
Rockaways
NYC 1968

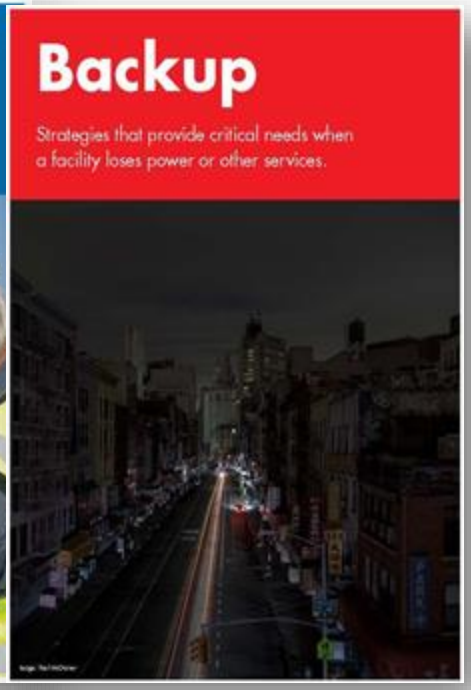
Multifamily Building Resilience



19 practical strategies for building owners to make their properties more resilient against the effects of extreme weather typical to the Northeast United States.

STRATEGIES FOR MULTIFAMILY HOUSING RESILIENCE

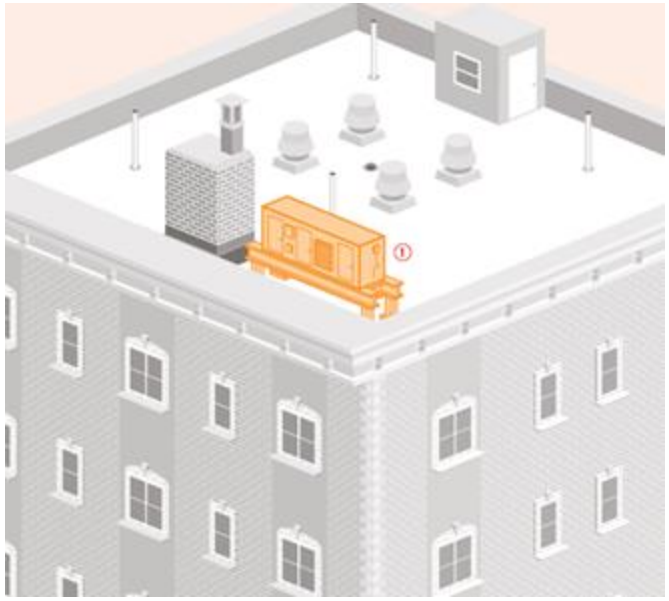




255 Buildings Assessed in New York Metropolitan Area

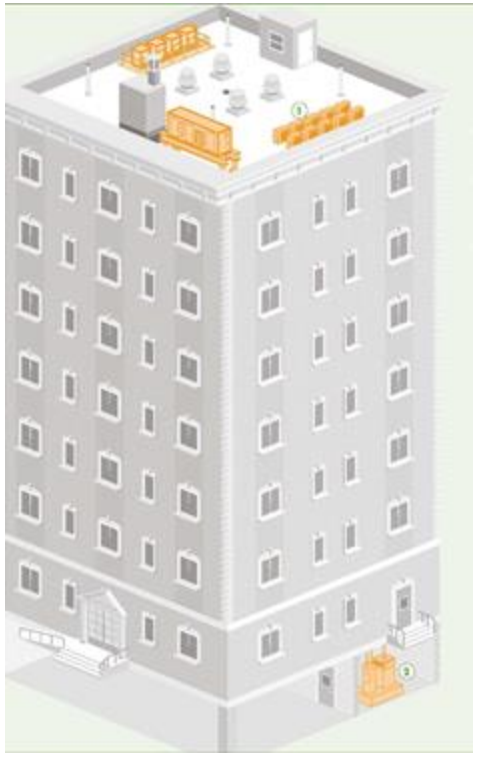
Backup Power – Mid to High Cost

Generator



Flood Prevention – High Cost

Elevated Equipment



Case Study: Services for the Underserved

Backup Generator for a 71-unit building -- $380K

Keep Safe Mlami

- Outreach to Owners and Residents
- Identification of Risk
- Program Registration
- Tool Self Assessment
- Report
- Implementation/Funding

Resident Engagement

KEEP SAFE

A GUIDE FOR RESILIENT HOUSING DESIGN IN ISLAND COMMUNITIES

Enterprise®

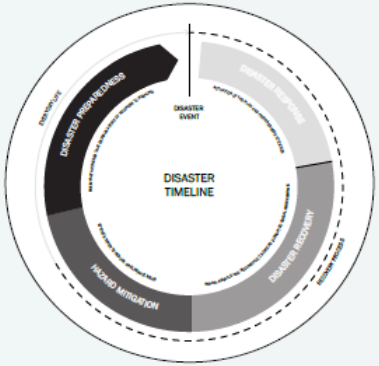
ASOCIACIÓN DE CONSTRUCTORES DE PUERTO RICO

MANTÉNGASE SEGURO

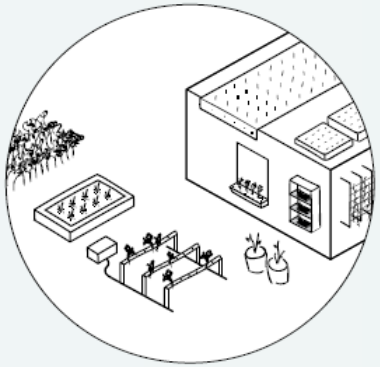
UNA GUÍA PARA EL DISEÑO DE VIVIENDAS RESILIENTES EN COMUNIDADES ISLEÑAS

Enterprise®

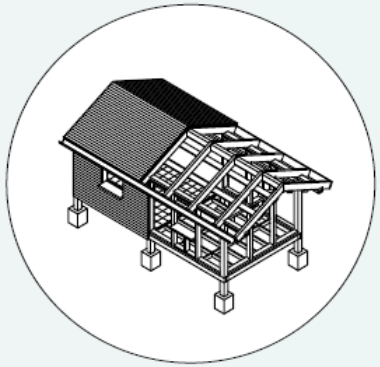
ASOCIACIÓN DE CONSTRUCTORES DE PUERTO RICO



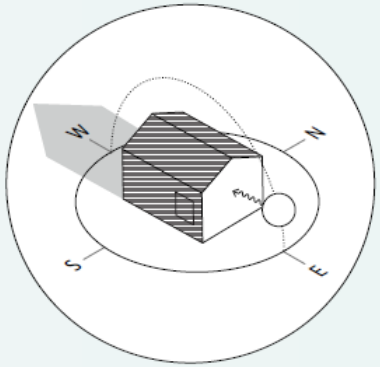
Introduction



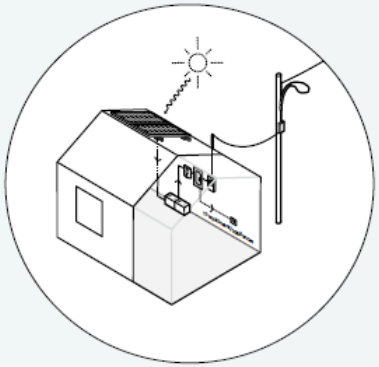
Chapter 1: A Safer Site



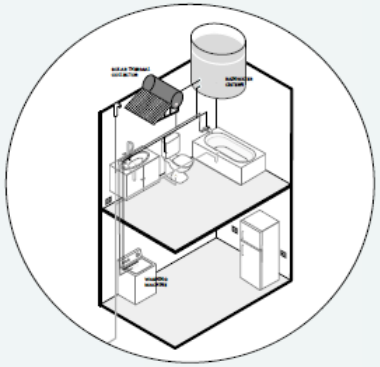
Chapter 2: Building Protection



Chapter 3: Passive Habitability

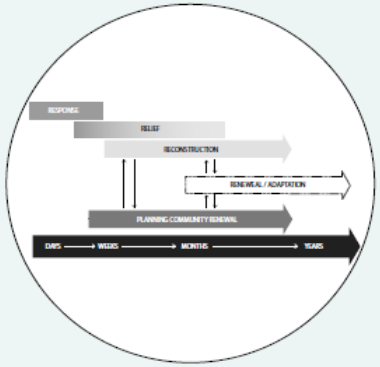


Chapter 4: Energy Generation



Chapter 5: Water Management

Chapter 6: Household Preparedness



Chapter 7: Community Engagement

Business Continuity Toolkit for Affordable Housing Organizations

HOME

ARE YOU READY TO RESPOND?

Disaster can strike at any time, and a poorly managed response can put property and lives at risk.

This Toolkit equips **multifamily affordable building owners & managers** with a plan to address crisis.

Watch the video or scroll down to learn more.

Fannie Mae

BELLWETHER ENTERPRISE

Enterprise

THANK YOU CONTACT US FOR MORE INFORMATION
KEEP SAFE Miami
21
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