Enterprise

Climate
Resilience:
Lessons from the
Field

September 19, 2024



TODAY'S AGENDA



Featured Speaker:



Marion McFadden

Principal Deputy Assistant Secretary, Office of Community Planning and Development





Panelists:



Oji Alexander
Executive Director
People's Housing Plus
New Orleans, LA





Rachel Maas
Director of Climate Action
Central City Concern
Portland, OR





Monica Martinez
Executive Director
The Fax Partnership
Denver, Colorado



RESILIENCE ACADEMY OVERVIEW



Home is Where Life Happens and Futures Begin

An Introduction to Enterprise Community Partners





THE CHALLENGE

Millions of families across the U.S. can't afford a place to call home. The system doesn't work.

THE SOLUTION

Together with our partners, we focus on the greatest need – the massive shortage of affordable rental homes – to achieve three critical goals:



Increase the Supply of Affordable Housing

to meet the urgent need.



Advance Racial Equity

after decades of systematic racism in housing.

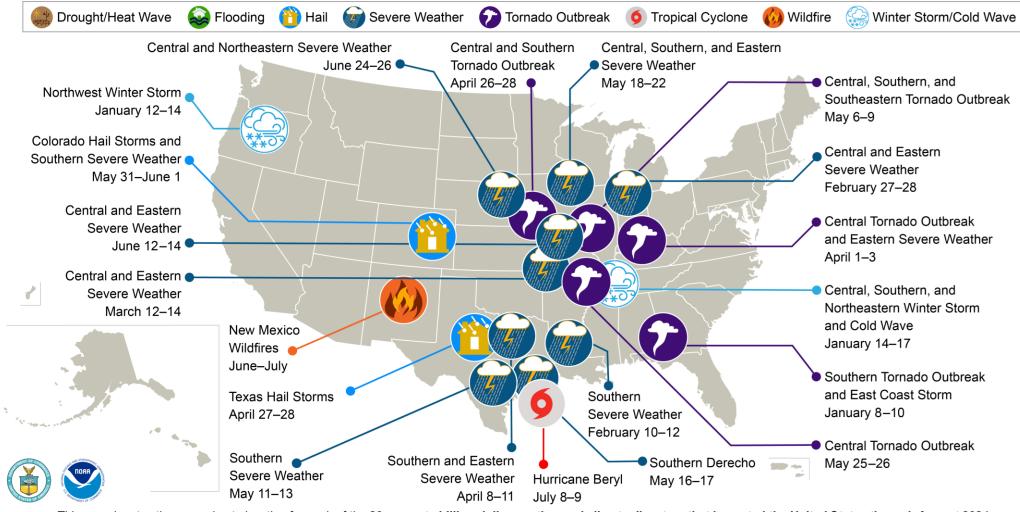


Build Resilience & Upward Mobility

to support residents, strengthen communities to be resilient to the unpredictable and make upward mobility possible.



US 2024 Billion-Dollar Weather and Climate Disasters





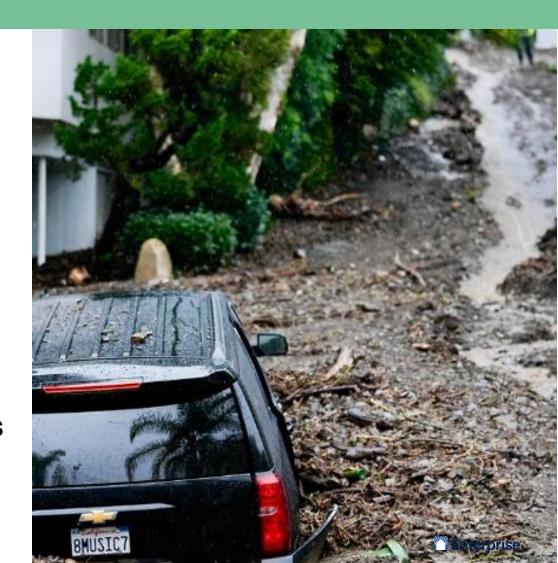
The Challenge

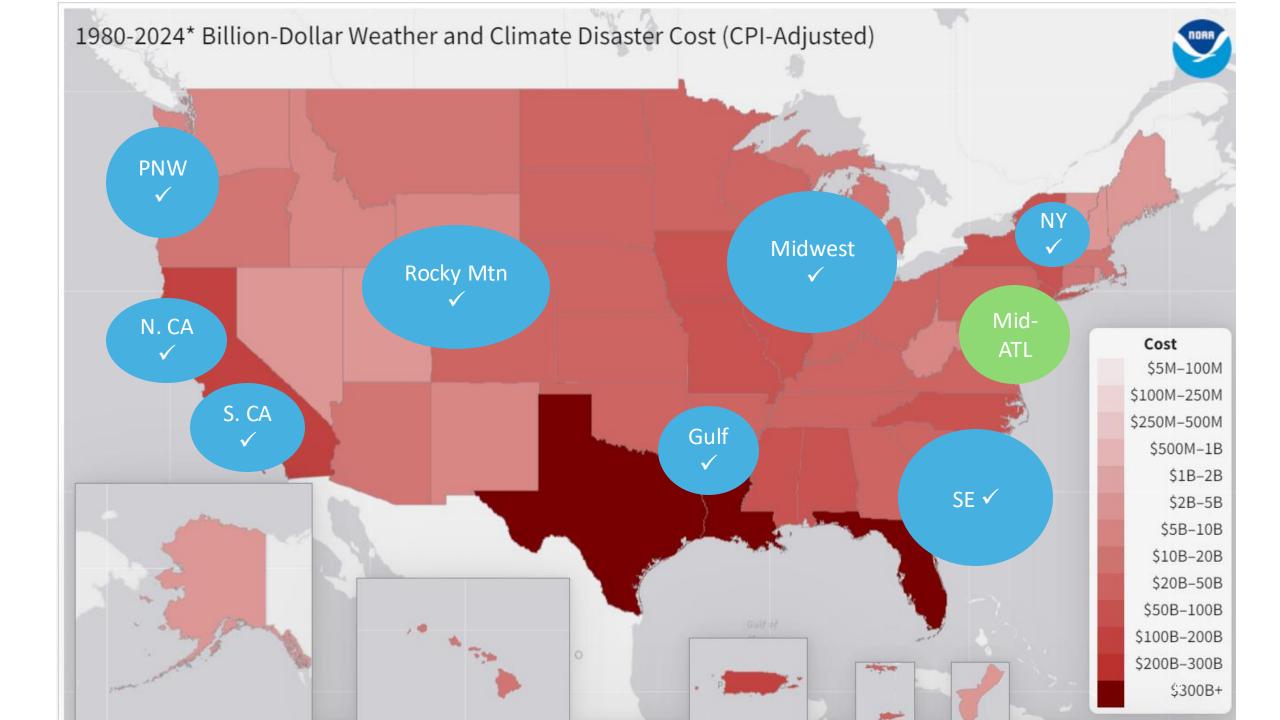
- Due to its age, physical conditions and maintenance needs, most of the country's affordable housing stock cannot withstand our changing climate.
- Low-income communities have less economic resources to prepare for and recover from climate hazards including heat waves, poor air quality, flooding, and other impacts.
- The pace, and expense, of disasters has increased dramatically.
- As temperatures and sea levels rise, so do the number of low-income households that are at risk.



Climate Impacts on Housing

- Higher Insurance Premiums
- Resident Safety
- Reduced Land Availability
- Costly Retrofits
- Loss of Affordable Housing Stock
- Higher Property Costs
- Energy and Utility Shortages
- Organizational Preparedness and Operations
- Impacts on Homes, Dwellings, Communities





Enterprise Resilience Academy



- Training Series
- Project Site Visit
- Peer-to-Peer
- > Technical Assistance
- Guide to Funding and Finance
- Grants

https://www.enterprisecommunity.org/blog/enterprisecommunity.

Enterprise Resilience Academy

- 7 Resilience Academies (Southeast, Gulf Coast, New York/NJ, West Coast, Rocky Mountain, Midwest, Mid-Atlantic)
- ➤ 130 affordable housing owner/operator cohort members
- ➤ 23 states represented
- > 37 academy sessions
- > \$525,000 in grants to cohort members



FEATURED SPEAKER

Featured Speaker:



Marion McFadden

Principal Deputy Assistant Secretary for Community Planning and Development





Enterprise Climate Resilience: A Look at the Past as We Move Towards the Future

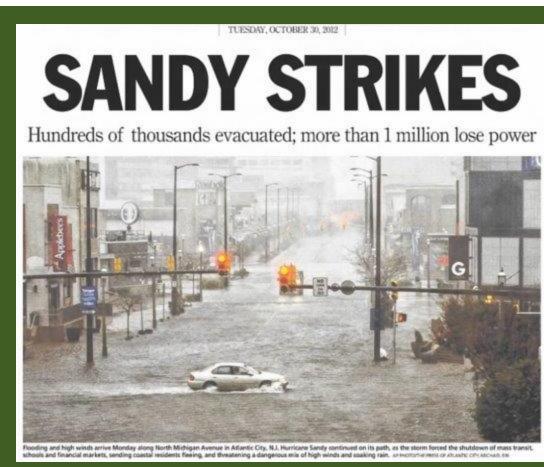
Marion McFadden, Principal
Deputy Assistant Secretary, Office
of Community Planning and
Development





Hurricane Sandy (2012)

- Storm
 - Category 1-3 hurricane
- Deaths
 - At least 159 deaths in U.S. (direct/indirect result)
- Damage
 - Left 200,000 people without shelter
 - 8.5 million people lost power
 - Estimated \$71.4 billion in property damage
 - Damaged/destroyed more than 650,000 homes
- Amount allocated
 - CDBG-DR: \$12,083,017,000
 - Rebuild By Design: \$930,000,000



Source: The Sun Bulletin - <u>Newspaper front page with coverage and photo from 2012's Hurricane Sandy -</u> Newspapers com™



Hurricane Sandy Rebuilding Task Force

- White House created task force to collaborate with local and state governments and nonprofits throughout the Northeast including 23 federal agencies and offices
- Dispensed nearly \$50 billion appropriated by Congress for disaster recovery
- Highlights of the task force:
 - Allowed owners to make emergency repairs quickly
 - Prevented homeowners from being forced out of their homes due to short-term financial hardship
 - Streamlined process for small businesses to access loans and contracting opportunities
 - Worked with HUD to release toolkits on how to utilize disaster funding to help communities design effective home rehabilitation and buyout
 - Launched the Rebuild By Design competition
 - Developed a wide-ranging rebuilding strategy that included 69 recommendations for long-term disaster recovery





Hurricane Maria (2017)

- Storm
 - Category 5 hurricane
 - Strongest storm to hit the island in 90 years
- Deaths
 - Responsible for nearly 3,000 deaths
- Damage
 - Infrastructure
 - Damage to electric grid caused 11-month blackout
 - Additional damage to roads, hospitals, schools, and water systems
 - Puerto Rico's government estimated it would need \$132 billion to repair and replace damaged infrastructure
 - Housing
 - Destroyed more than 24% of housing units (~300,000)
 - Damaged 92% of housing units (more than 1.1 million)
- Amount Allocated
 - CDBG-DR and CDBG-MIT: \$20,223,446,230

Photos: Hurricane Maria Decimates Puerto Rico

U.S. territory's authorities warn residents they face a long, difficult and expensive path to recovery after the storm



8 of 16

Concrete power line poles fell across a highway in Luquillo, Puerto Rico, after the area was hit by Hurricane Maria. RICARDO ARDUENGO/AGENCE FRANCE-PRESSE/GETTY IMAGES

Source: The Washington Post: Hurricane Maria Slams Into Puerto Rico - WSJ



Preventative Pre-Disaster Methods

Lessons from Puerto Rico

- Publication of Keep Safe, A Guide for Resilient Housing Design in Island Communities to identify practical strategies for building owners to make their properties more resilient
- Increased understanding of how to provide strategies outside of Puerto Rico





How is HUD Taking Action?

Climate Action Plan

- Increase climate resilience
- Reduce greenhouse gas pollution
- Pursue environmental justice

Heat Plan

- Build awareness about the dangers of extreme heat and develop solutions to reduce the negative impacts of extreme heat on communities throughout the country
- Issue guidance and flexibility to Public Housing Authorities to increase utility allowances for cooling for the 1.6 million residents in public housing
- Provide an Extreme Heat Webpage which consolidates resources and technical assistance on heat and climate resilience
- Collaborate with Federal Partners to provide resources to communities

Green and Resilient Retrofit Program (GRRP)

- Provide funding to owners of HUD-assisted multifamily housing to make them greener, healthier, and safer for low-income households, seniors, and persons with disabilities
- A total \$842.5 million has been awarded, and will support 182 properties and more than 22,436 homes

How is CPD Taking Action?



Community
Engagement and
Resilience Toolkit



Resilience and
Barriers in
Consolidated Plan



Homelessness Response



Climate Communities Initiative (CCI)



Rulemaking for Resilience



CDBG-DR





Community Engagement in Disaster Recovery

Why is it important?

- Disasters magnify vulnerabilities and inequities
- Barriers to recovery and disaster assistance
- Collaboration with stakeholders, community members, and nonprofit organizations

The primary goal of citizen participation:

 To provide low- and moderate-income (LMI) residents of the community the opportunity to actively participate in the planning, implementation, and assessment of the programs and projects where CDBG-funded activities will take place





Resources for Resilience

- The HUD Community Resilience Toolkit provides innovative strategies and tools communities can adopt to enhance resilience to climate-related natural hazard risks such as extreme heats (Link: https://www.hudexchange.info/resource/5981/community-resilience-toolkit/)
- The Resilient Building Code Toolkit provides guidance to CDBG-DR and CDBG-MIT grantees on rebuilding to more resilient codes and higher standards

(Link: https://www.hudexchange.info/resource/6701/resilient-building-codes-toolkit/)

The Citizen Participation & Equitable
 Engagement (CPEE) Toolkit aids CDBG-DR
 grantees in centering equity in disaster
 recovery programs through an enhanced
 citizen participation process

(Link: https://www.hudexchange.info/programs/cdbg-dr/cpeetoolkit/introduction/)







Homelessness Response

Rapid Unsheltered Survivor Housing Program (RUSH)

- The RUSH program was first launched in 2022, and to date nearly \$28 million has been awarded to disaster impacted areas to support people who were experiencing homelessness before disasters
- Supports activities benefiting:
 - Individuals and families experiencing homelessness;
 - Those living in an emergency shelter, transitional housing, or a place not meant for human habitation;
 - People at risk homelessness; and
 - Those who have below 30 percent of area median income and either live in severe overcrowding, face eviction in the next 21 days, or have another risk factor for homelessness.
- Eligible Activities:
 - Outreach assistance
 - Emergency shelter
 - Rapid re-housing
 - Homelessness prevention assistance and supportive services

Recovery Homelessness Toolkit

 Provides guidance to address gaps in local disaster planning and response to ensure an inclusive disaster response that protects people experiencing homelessness





Climate Communities Initiative



- In 2023, HUD and Enterprise launched the 18-month Climate Communities Initiative (CCI) to support CDBG entitlement communities with planning and implementing long-term equitable climate resilience through technical assistance.
- 44 CDBG grantees received technical assistance through peer community cohorts, one-on-one direct TA, and core topic sessions. The communities are split into seven cohorts based on their unique needs and climate vulnerabilities.
- One cohort focused on sunbelt cities that face an increased risk of extreme heat. Technical assistance delivery focuses incorporating strategies on extreme heat resilience.
- Participants stated that CCI had helped them realize the importance of incorporating resilience more thoroughly into their CDBG planning processes.

Pre-Disaster Housing Planning Initiative

- In this first-of-its-kind partnership between FEMA, HUD and states, the initiative was created to help build local capacity and ensures states, Tribal Nations and territories adopt a proactive approach to housing recovery. The first cohort included the states of Louisiana, Montana, New Jersey, and Washington
- Highlights from this initiative were published in the Pre-Disaster Housing Planning Initiative report. Key
 findings in the report include the importance of identifying and addressing housing recovery challenges
 in a non-disaster environment, the benefit of information sharing among states and the value in
 tailoring federal support and resources to the unique needs and challenges of each state
 - Louisiana used the Initiative to revise its 2019 Disaster Housing Strategy and Montana updated its Disaster Housing Strategy Framework. New Jersey created a Housing Recovery Support Function (RSF). Washington revised its existing RSF plan for housing and formed a Disaster Housing Committee to continue the work the State began under the PDHI
- Due to the success of this partnership, both agencies will be initiating a second cohort with new state partners later this month!



Rulemaking

Federal Floodplain Risk Management Standards (FFRMS)

• Increases elevation requirements for new construction and substantially improved structures and ensures residents are aware of and prepared for potential flooding by strengthening the notice standards for buyers and renters in floodplains

Minimum Energy Standards (MES)

- Published final energy standards for new construction and substantial rehabilitation projects
- Will yield significant annual and lifetime cost savings to renters, improve resident health and comfort, and increase the climate resilience of both single family and multifamily housing
- The updated standards are expected to save families more than \$950 per year, with homeowners saving almost \$25,000 over a 30-year mortgage or \$15,000 after financing, and will reduce emissions that is the equivalent of removing 46,000 cars from the road annually

Updated Radon Policy

- Radon is the number one cause of lung cancer in non-smokers and is responsible for about 21,000 lung cancer deaths every year
- HUD increased its commitment to radon awareness and the importance of addressing the risk of residential radon exposure. HUD is requiring that radon be considered as part of the HUD environmental review process



Strengthening the Office of Disaster Recovery

Permanent Authorization

- Achieving Permanent Authorization will allow for consistent budget allocations to the Office of Disaster Recovery
- Allow the Office of Disaster Recovery to create rules and regulations
- Streamline the process for delivering funding to grantees

CDBG-DR Universal Notice

- HUD will soon publish a comprehensive notice that would standardize the CDBG-DR process and requirements
- The Notice will be informed by public comments received through the first ever Request for Information on disaster recovery, which solicited feedback on how the Department can modify, streamline, and reduce administrative burden

Thank you!

Questions?





PANEL

Panelists:



Oji Alexander
Executive Director
People's Housing Plus
New Orleans, LA





Rachel Maas
Director of Climate Action
Central City Concern
Portland, OR





Monica Martinez
Executive Director
The Fax Partnership
Denver, Colorado



People's Housing Plus

New Orleans, LA



Oji AlexanderExecutive Director



- Year Founded: Incorporated in 2022 through a strategic merger between 3 New Orleans based affordable housing CDCs that had been around since hurricane Katrina.
- Staff Size: 7
- Portfolio: 256 single family homes for homeownership (14 under Community Land Trust) and 2 rental units, 12 single family under construction, 1 mixed use and 4 plex of rental housing in predevelopment
- Primary Climate Hazards: hurricane/tornadoes, sea rise/land loss, localized flooding
- Climate/Resilience Projects:
 - All new single-family homes built to Fortified Roof, Energy Star standards with green infrastructure incorporated into all.
 - o Completed 30 Fortified Roof retrofits on older homes
 - Exploring solar with battery backup

Central City Concern

Portland, OR



Rachel Maas
Director of Climate Action



• Year Founded: 1979

• **Staff Size:** 1400

• Portfolio Size: 34 properties, 2600 units of housing

- **Primary Climate Hazards:** Seismic, extreme temperatures, storms, outdoor air quality, wildfires, power outages
- Climate/Resilience Projects:
 - Development of a Climate Hazard Vulnerability
 Assessment and Database
 - Development of a Climate Emergency Resident Readiness
 Guide

The Fax Partnership

Denver, CO



Monica Martinez
Executive Director



Year Founded: 2004

• Staff Size: 9, five languages on staff

Portfolio Size: Emerging

• **Primary Climate Hazards:** Wildfires, Drought, Flooding, Extreme Heat, Severe Winter

Mission:

- Strengthen and support those that live and work on the East Colfax corridor while advancing a vision of equitable development
- Business Support Office
- Resident Support Office
- Equitable Development Office

RESOURCES

Climate Resilient Affordable Housing Resources





Lessons Learned

Implementation of the first few Austering colors is his principal valuable religible related to both program imprementation and automeen that supported. Extraprise's goal of continuous imprements. These eneights were guised disought the survey findings, as well as furtispiese staff or functions as port of the program-implementation and evaluation processes. The architects and administrations of the program, Extraprise's Booking Resilient Futures theirs, were able to see the eneight to each exercit modifications to the model titled an exercit the effective and of the exercities for purificipants. A few multiples of the telescope line red are described before and will be further expiced in the first eneighted.

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https://www.enterprise community.org/resourc es/enterpriseresilience-academiesreport

Climate Resilient Affordable Housing Resources

- Climate Risk Resource Reduction Hub
- Power Forward Communities Interest Form
- Inflation Reduction Act Funding for Affordable Housing
- What's Possible

Thank you!

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