

ALLIANCE FOR HEALTHY HOMES

Working for Affordable Healthy Housing for All



Lessons from Katrina: Developing Local Capacity to Restore and Maintain Healthy, Green, Flood-Resistant and Affordable Housing

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2008 National Healthy Homes Conference ❖ September 15-17, 2008 in Baltimore, MD

Overview



- What we did the past 3 years (and why)
- Rebuilding design strategies we developed/learned
- Building community and contractor capacity
- Policy shortcomings and recommendations

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Three years ago...

Hurricanes Katrina and Rita devastated Gulf Coast housing

- Flooding & Wind Damage
- Mold Damage
- Other Health Threats



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Disaster created need and opportunity



- Dire need to support healthy, safe and affordable rebuilding
- Chance of a lifetime to explore the health-housing connection

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Health and housing issues

- Mold & moisture
- Structural
- Lead paint
- Pests
- Carbon monoxide
- Toxic sludge contamination
- Worker health & safety



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What we did

SAFE & HEALTHY RESTORATION FLOOD DAMAGED HOMES
Re-use vs. REFUSE MATERIALS

One Day Train-the-Trainer Workshop

Intensive workshop for all levels personnel's skills in addressing a home's mold, water damage and moisture (includes Training Manual)

The workshop is designed for workers people who experience stress and design work, including:

- Trainers
- Construction Consultants
- Public Housing Authorities
- Property Maintenance Corps
- Remediation Trade Professionals
- Sign, Writing, Inspection, Insulation
- Community Development Non-Profits

Key Subjects Covered

- Identifying, Selection and Removal
- Mold Remediation and Testing
- HVAC and Electrical Systems
- Inspection Techniques
- Storm Lifting Strategies
- Flood Damaged Design
- Workforce Training Design
- Creating "Safe Homes"
- Lead Risk Assessment
- Chemical Health & Safety

Tuesday—April 24, 2007—9:00 am to 4:00 pm
Tulane University—Hilson Campus—Edgewater Mall
Registration: www.mha-df.org (Online Event Registration from Miami)

This event is free for all attendees. A \$100 fee is required for all attendees. The fee covers materials, transportation, and refreshments. All attendees will receive a training manual and a certificate of completion. For more information, contact the Alliance for Healthy Homes, Washington, DC.

Sponsored by the Alliance for Healthy Homes, Washington, DC

- Alliance sponsored 6 day-long trainings
- 3 train-the-trainer sessions in N.O. and 3 in Mississippi
- Plus other meetings, seminars, homeowner trainings, workshops and presentations
- Dennis Livingston was the trainer

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Thanks to our funders

<p>Chase Bank</p> 	<p>Enterprise Community Partners</p> 
<p>Home Depot Foundation</p> 	<p>Fannie Mae Foundation</p> 

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Key local partners



- New Orleans – Preservation Resource Center of N.O.
- Mississippi – MS Interfaith Disaster Task Force
- Audrey Evans, LSU Extension
- Colette Pichon Battle, Moving Forward Gulf Coast

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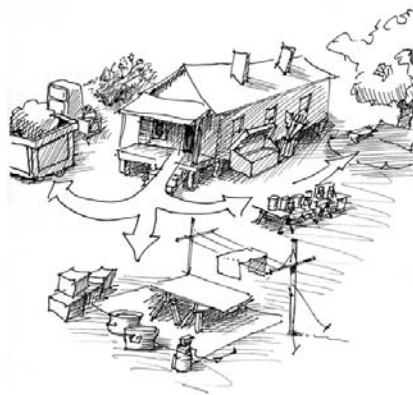
Who participated



- Disaster recovery groups
- Community orgs
- Churches
- Government agencies
- Contractors

Training manual

- Worker-friendly (emphasizes illustrations over text)
- Includes info on tools, materials, costs - and where to get them



Available at - www.afhh.org/res/res_pubs/shrfdh.pdf

Mold cleanup & prevention



This part of our training based on techniques developed by:

- National Center for Healthy Housing
- Little Sisters of the Assumption Family Health Services (East Harlem)

Manual & strategies used beyond our trainings

- Consolidated Safety Services (HUD contractor) used our drawings and exercises in dozens of homeowner trainings in the Gulf
- Steven Winter Associates (HUD contractor) recently published “Rebuilding Flood-Damaged Homes” using much of our manual
- Manual and training put to use again after recent Mississippi River flooding

Policy failures & recommendations



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Disaster preparedness

- Restore & preserve, don't degrade, wetlands
- Build adequate levees and maintain them
- Evacuate people without cars early enough
- Tell people that they should have insurance
- Support community development org. roles

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Disaster response

- The things we all saw on TV
- Little government help for cleanout, safety supplies
- Promotion of bleach as a disinfectant for cleaning up mold)
- Major delays in federal funding for home restoration
- Very little training for homeowners and workers in safety and effective techniques for cleaning and restoring homes.
- Virtually no training or support for day laborers
- Failure to comply with Section 3.
- Failure to organize bulk purchasing and sharing of costly tools
- Inadequate support or guidance for residents restoring homes
- Contradictory messages on contamination levels
- City health dept. practically didn't function for months

Other policy issues



- Green vs. saving homes
- Owner-occupied vs. rental
- Planned abandonment of some neighborhoods

Questions, Answers & Comments