

Integrating Faith-Based Leaders into Hazardous Weather Communications For Highly Vulnerable Neighborhoods in the Rio Grande Valley of Texas



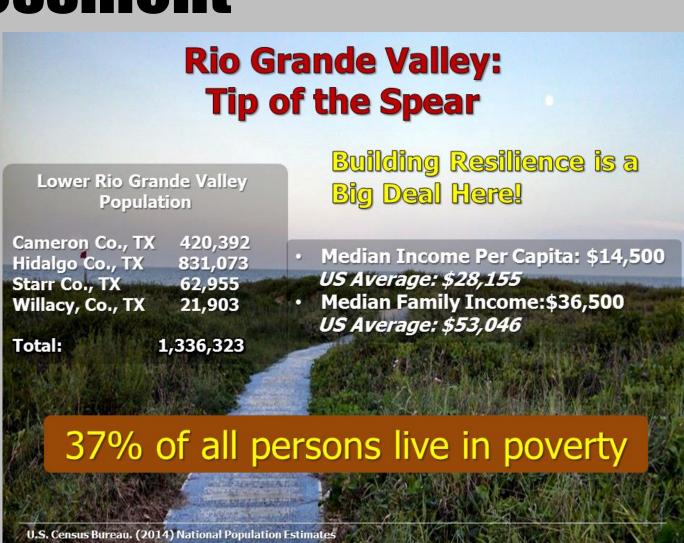


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Needs Assessment





The Problem Starts in Colonias...



- RGV Population: 1.35 million
- 91% Hispanic
- 85% Speak Spanish at Home
- 39% of those Speaking Spanish at Home Speak English "Not Very Well" Source: U.S. Census, 2015 Demographic



- Study Following Hurricane Katrina: "Another Important Factor Found Was a Strong Attachment to...regional cultural temperament and their faith in God"
- "What scientists, academicians, and public officials have come to consider as logical behavior must not be the only barometer used to analyze culturally-based ways of...acting in the world" (Brown, 2011)
- Religion and the Rio Grande Valley:
- 47% of Population Affiliated (Catholic/Evangelical)
- 53% "Unclaimed", but many may be among most vulnerable, and likely Catholic



Efforts in 2016



- First Faith-Based Integrated Weather Team (IWT) Meeting Organized and Conducted (Spring). Held at the Rio Grande Bible Institute. Audience of 60 Included:
- Two dozen bi-national church leaders
- County/City Emergency Management from Hidalgo and Cameron County
- State Government Officials
- Local Media
- University of Texas-Rio Grande Valley



Meeting Topics Included:

- **NWS Overview**
- Substandard Housing in Colonias and Risk Assessment from Wind and Flood
- Faith Leaders as Force Multipliers to Help Vulnerable Communities Build Resilience and Weather-Readiness
- Discussion on How Partnerships Government, Non-Profits, Churches, Other – Can Build Capacity for Hazardous Weather Resilience







Rotary

Summer/Autumn Promotional Efforts

- July: Smaller Faith-Based IWT for Additional Pastors (Pharr, TX)
- August: Conferencia de Emergencias Para Colonias del Valle (Alamo, TX) Congregations informed on building infrastructure and family resiliency
- September-December: Rotary International District 5930 Activities
 - September: Bi-National District Meeting Poster and Oral Presentation for Potential Local or International Grant for NOAA Weather Radios (McAllen)
 - December: Follow-Up Presentation at North Brownsville Club for Local **Grant Option**

Plans and Goals: Ready, Responsive, Resilient

Donna, TX – Apr. 2015

Church Around the Corner: Trusted Safe Haven



"Shelters of Faith"

Process:

- Weather Enterprise educates high level faith-based leaders on weather hazards, NWS warnings, NOAA Weather Radio (NWR)
- Leaders train pastors, priests, down the line with assistance from Weather Enterprise
- All levels educate congregations and faithbased communities, especially the most vulnerable
- NWR receivers provided to all participating churches and community centers and residents per funding plan

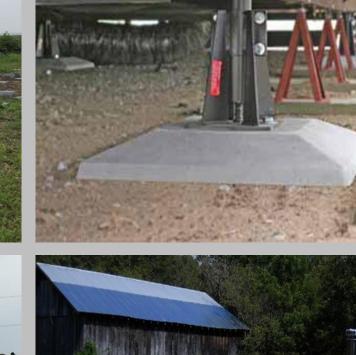
Action:

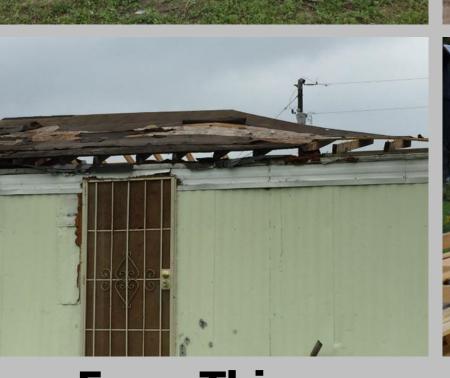
- NWS/Weather Enterprise predicts damaging thunderstorm wind/hail episode 6+ hours in advance
- Participating churches spring into action, notifying congregations of opening during threat period
- Warning issued; residents hearing NWR (Spanish) evacuate to safe <u>trusted</u> shelter
- Outcome: Substandard homes destroyed, but families are safe and unharmed

"Resiliency Rally" Action Plan

- Faith-Based IWT holds frequent "Conferencias de Emergencia" for Colonias across the Rio Grande Valley
- Focus on inexpensive or assistance programs to reduce substandard housing through "hardening"
- Private/public partnership to involve big box hardware stores, government (ready.gov, flash.org), IWT members
- Outcome: Stronger Buildings **Built through Community Efforts**









From This...

...To This!

References

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