OVERVIEW

The South Florida Disaster Resilience Initiative (FL DRI) is a community-based initiative building resilience through three major activities: training, assessments and community forums.

Upon completion of a leadership and technical skills training program, Community Captains led a series of activities in selected communities located in Broward or Miami-Dade county. Community captains lived, worked, or worshiped in the community they served and led the following activities:

- Community Vulnerability Assessment to identify the areas in the community that are the most vulnerable
- Housing and Emergency Shelter Survey to understand residents access to information and level of preparedness during hurricane Irma and for future hurricanes
- Skills and Equipment Inventory to build a network of skills and equipment within the community for future natural disasters

The data gathered by the Community Captains provided a snapshot of the present vulnerability state of their community, and high priority areas requiring urgent attention.
COMMUNITY VULNERABILITY ASSESSMENT

26 functions* were evaluated on a 7-rating scale to determine a vulnerable function was in the event of a category 4 or 5 hurricane, or based on the most recent hurricane experience. The lowest rating (1) indicated the highest vulnerability of a function. The highest rating (7) indicated that a function was resilient and sustainable.

Functions with rating <2: Renewable Energy, Hygiene & Prevention.

REPORTED DAMAGE POST-HURRICANE IRMA

HOUSING CATEGORY

Single Family Home 91.7%

TOP PRIORITIES IDENTIFIED FOR ACTION

1) Food and water security
2) Communication Infrastructure/Information Access/Education

*LIST OF 26 FUNCTIONS

- Water Infrastructure
- Food Security
- Agricultural Production Scale
- Housing Safety
- Environmental Health & Safety
- Health Services
- Management & Governance
- Shelter & Evacuation Systems
- Psycho-social Resilience
- Supply Chain Logistics
- Energy - Temp Management
- Energy - Lighting & Cooking
- Renewable vs. Grid Energy
- Emergency Management
- Education System
- Hygiene & Prevention
- Communications Systems
- Sewer Septic Systems
- Solid Waste Management
- Transportation
- Community Security
- Community Commons Areas Availability
- Social Services
- Value Chains
- Climate Threat Mitigation & Transformation
- Data & Information Management