FEMA Risk Management Directorate

Geospatial Claims Application

https://tinyurl.com/harveydamage
Modeling Depth and Damage

- LiDAR topography + Rainfall grid
- Hydrologic Modeling Software
- Flood Depth
- Flood damage function
- Structure Damage
- Building type and value
Simple Map Interface

- Publicly accessible tool used to fast-track claims process using geospatial data
- Web-based application works on variety of platforms
- Identifies priority areas based on flood depth/policy concentrations
Damage Look-Up

- Adjuster types in claim address
- App displays estimated depth and damage at structure
- Address and property owner name verified using public domain parcels
Quick Image Analysis

- Adjuster evaluates flood conditions using aerial photos
- Claim inspections are triaged and assigned according to damage level and confirmed flood conditions

NOAA Aerial (Top Down) Image: Houston, 8/30/17
Civil Air Patrol (Angled) Image: Lake Charles, LA, 8/31/17