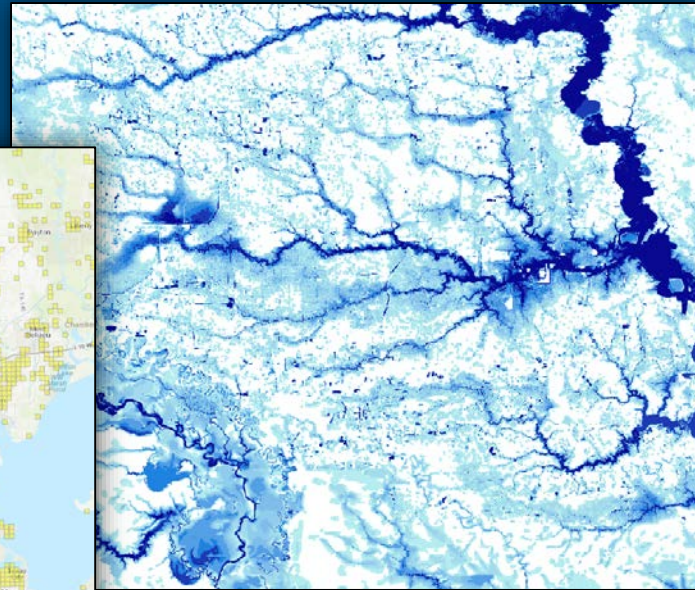
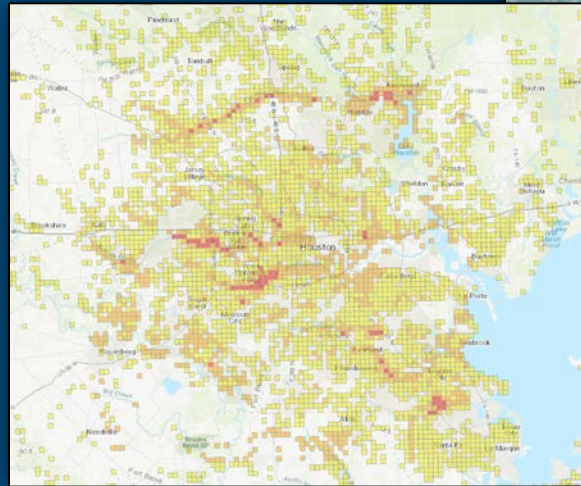


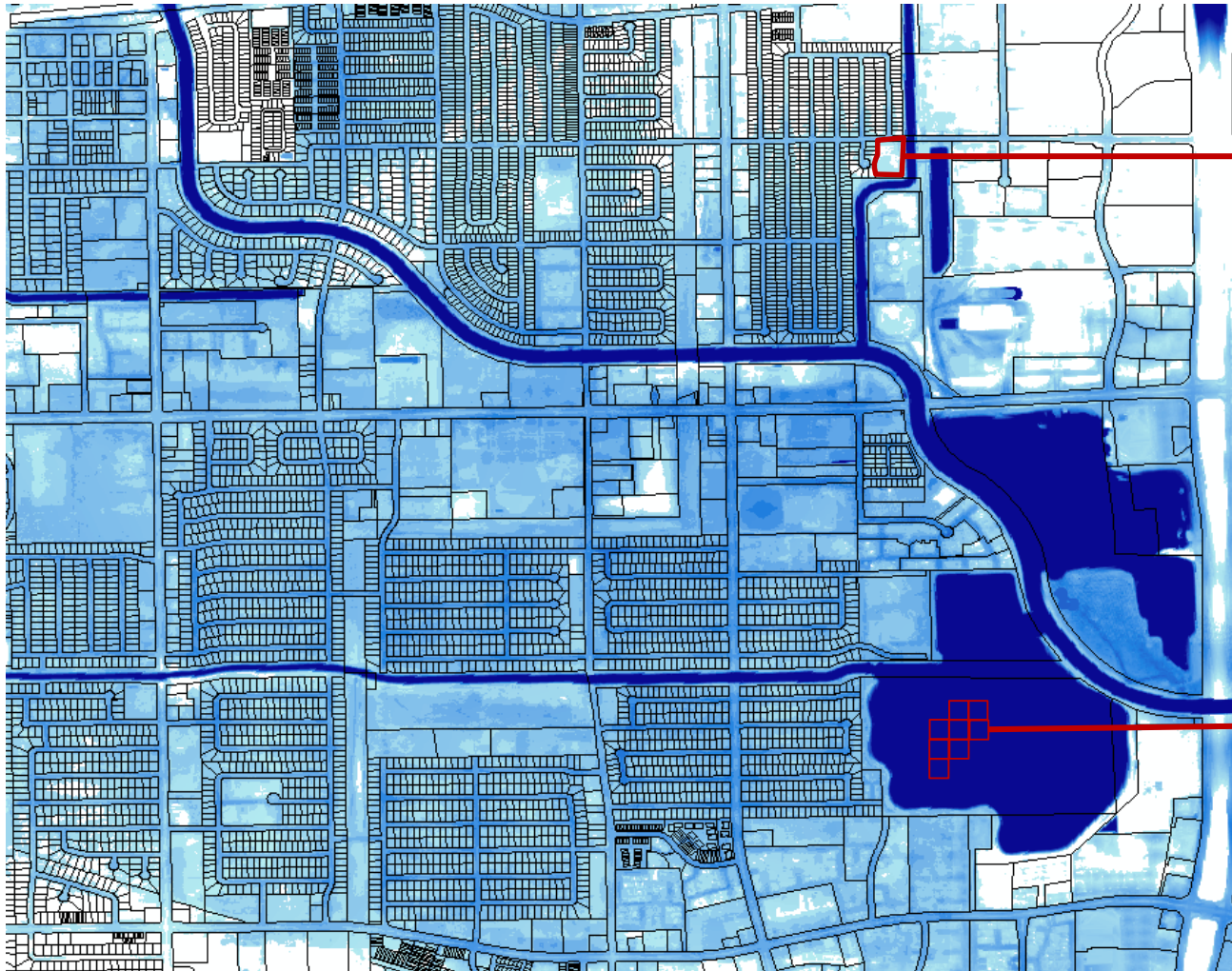
FEMA Risk Management Directorate

Geospatial Claims Application



<https://tinyurl.com/harveydamage>

Modeling Depth and Damage



Building type and value



Flood damage function



Structure Damage

LiDAR topography + Rainfall grid



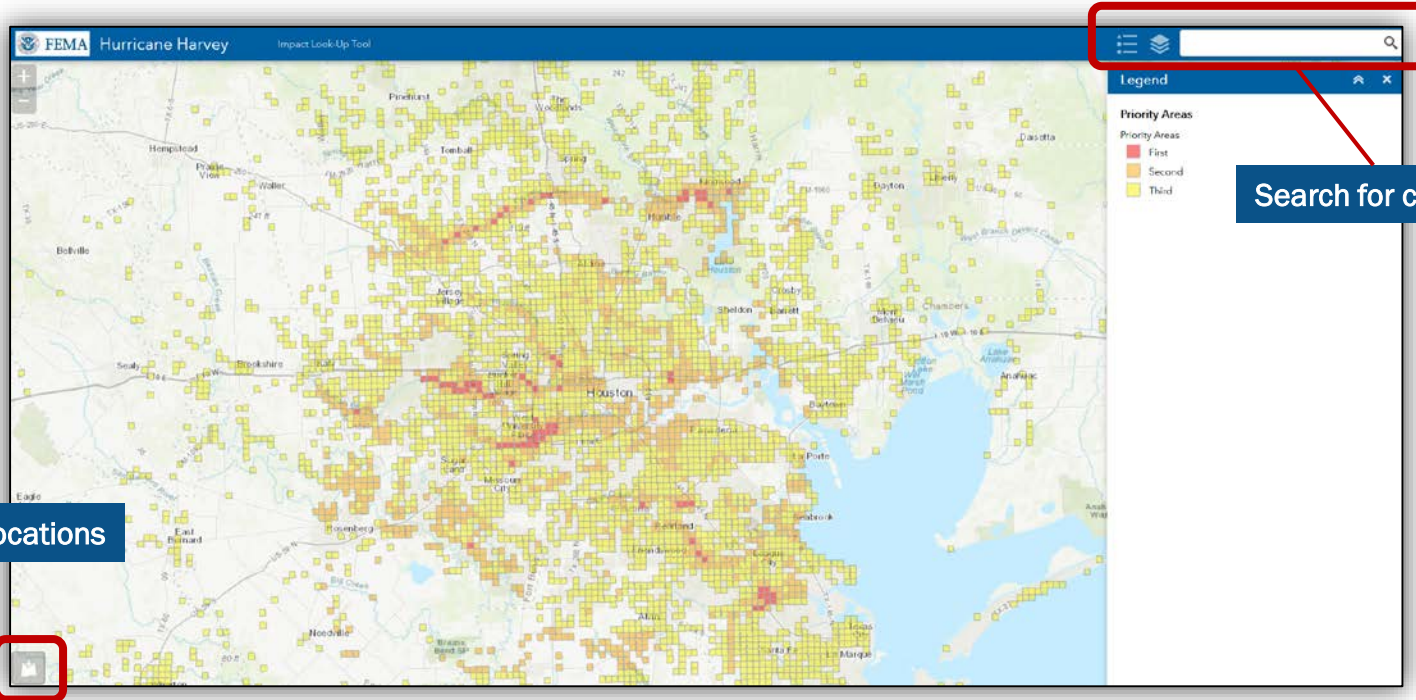
Hydrologic Modeling Software



Flood Depth

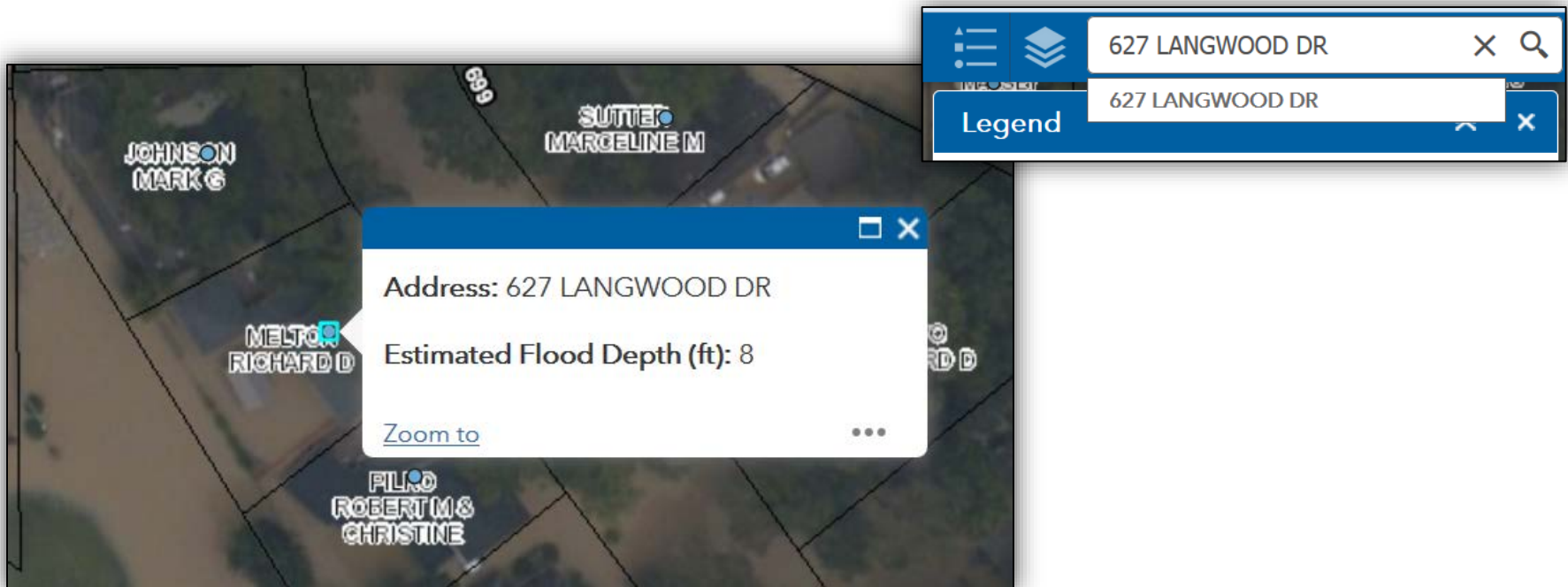
Simple Map Interface

- 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

