

Mayor Dawn Zimmer City of Hoboken, New Jersey, USA





































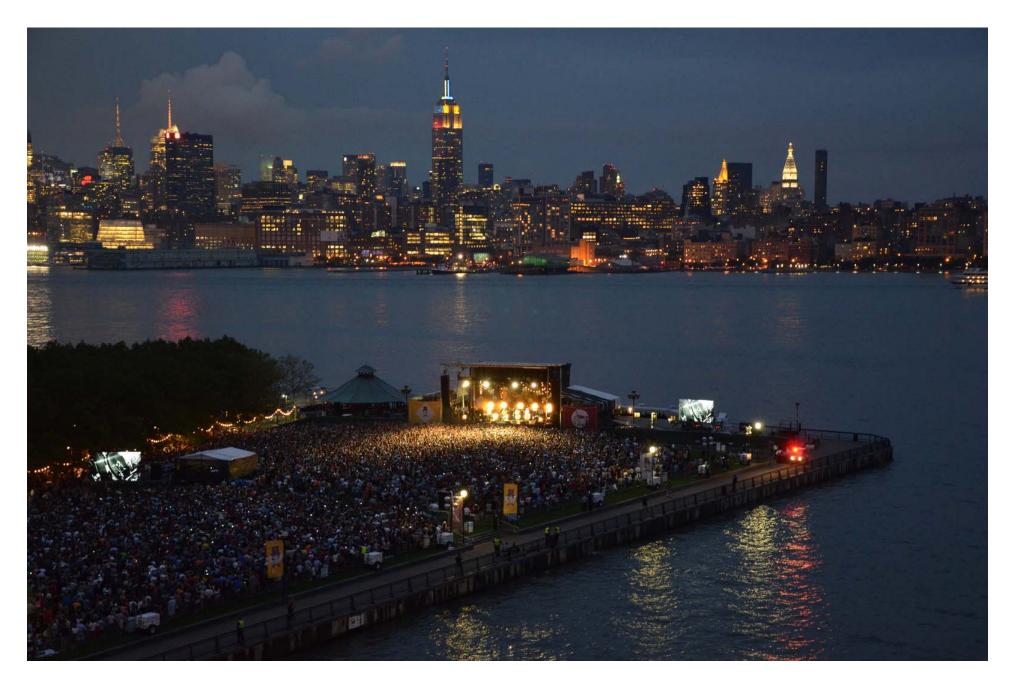








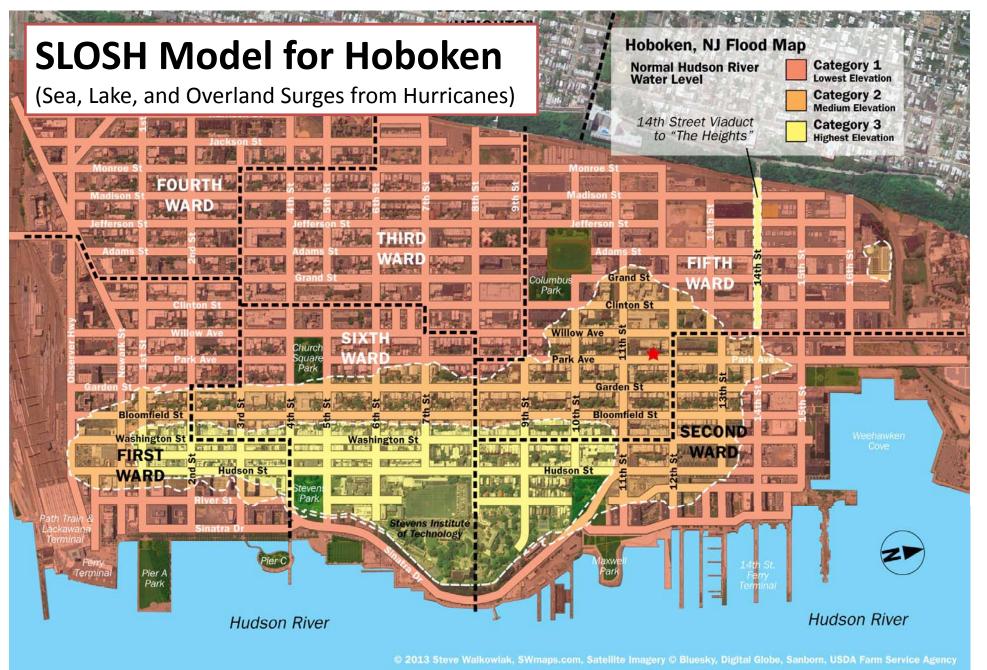








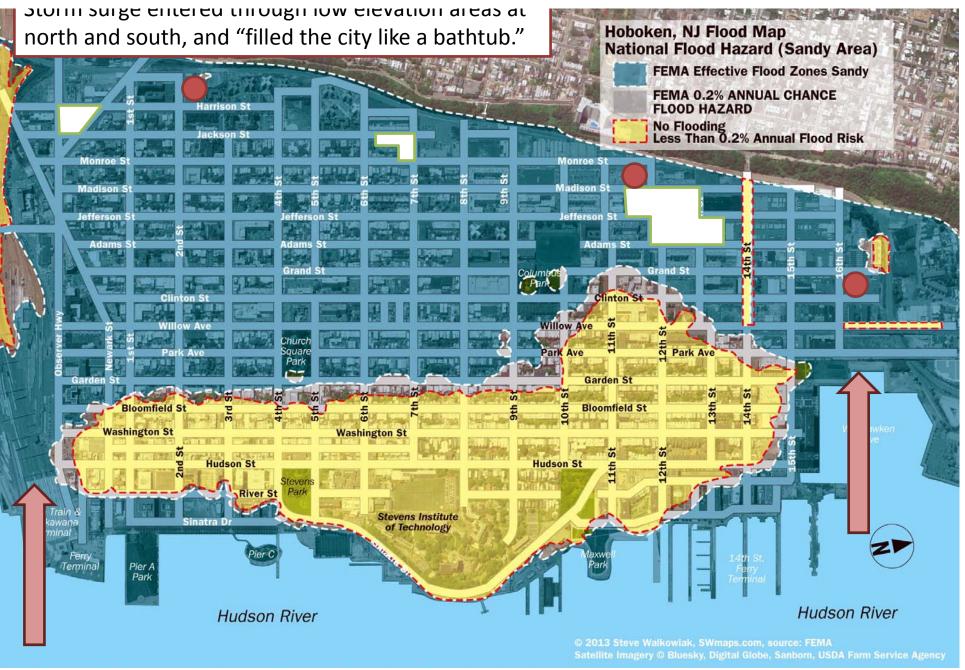








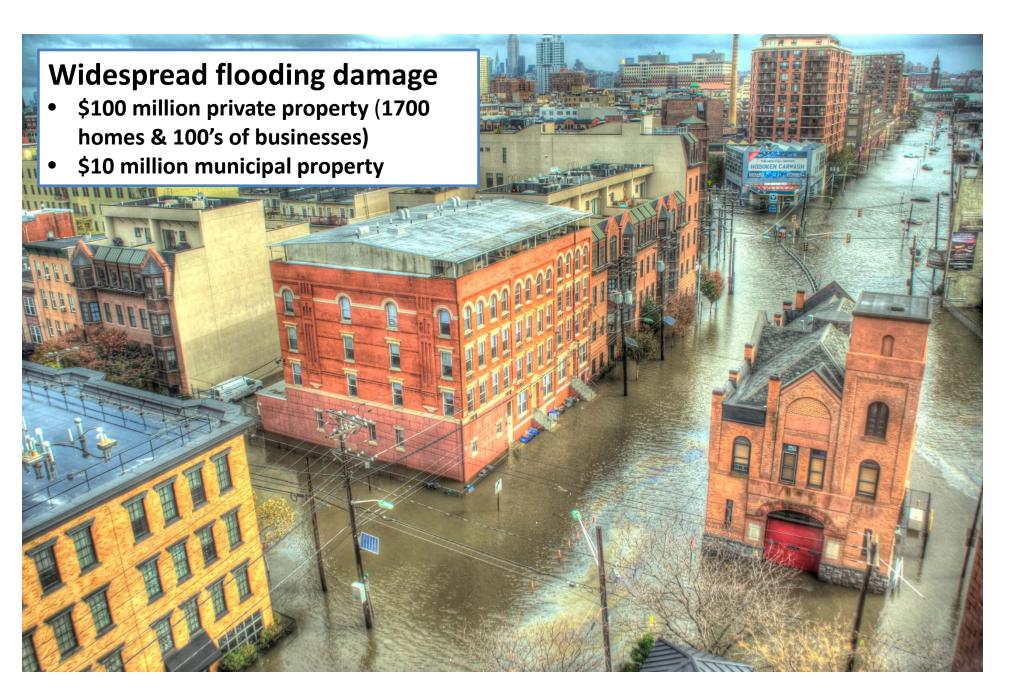








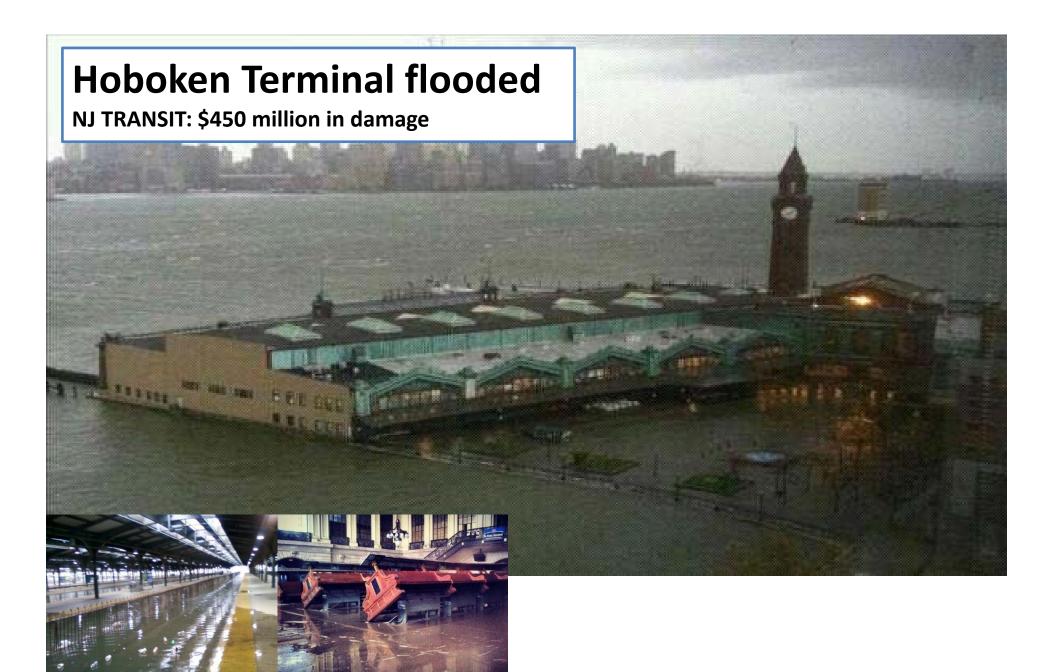
































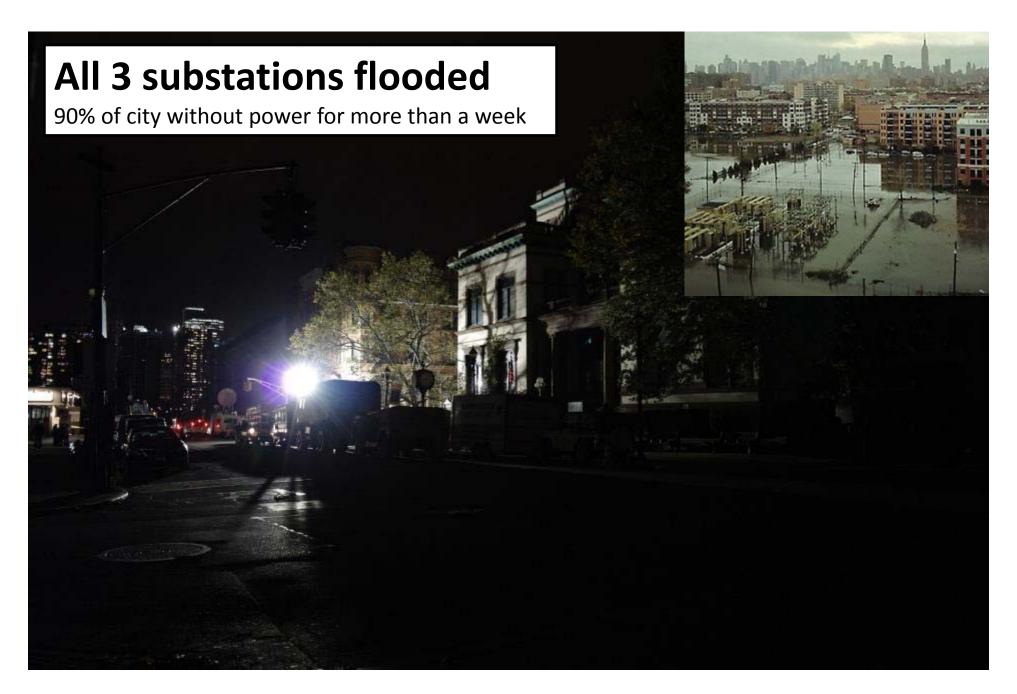








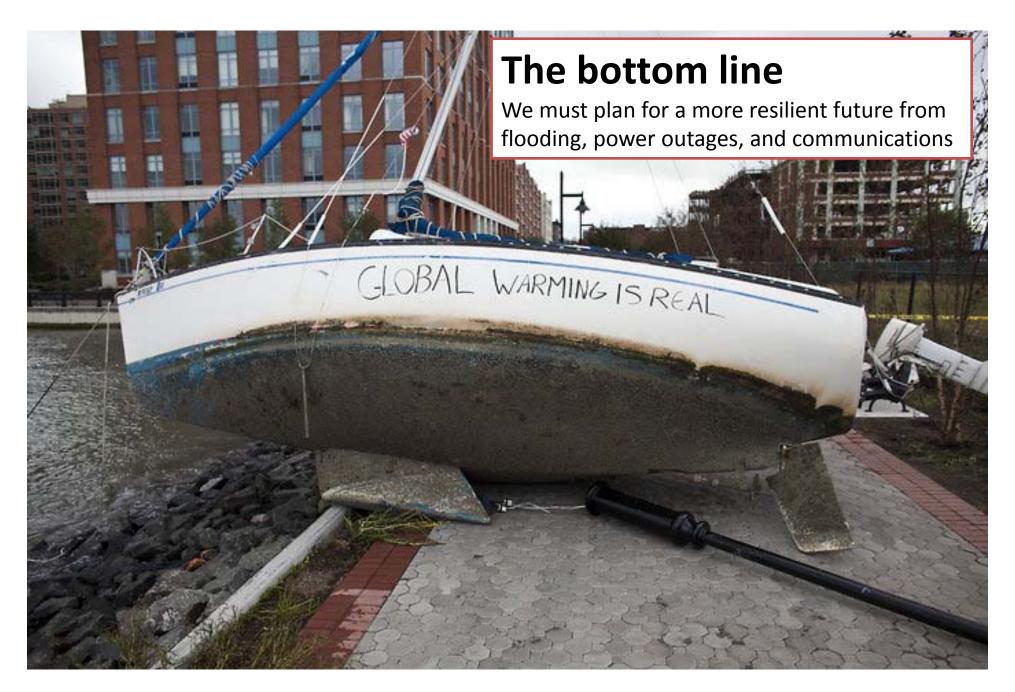


















Promoting green solutions

- Green roofs
- Porous pavers/concrete/asphalt
- Rain garden curb extensions
- Rain barrels















Additional flood pumps

- Hoboken currently has 1 flood pump (75,000,000 gallons/day)
- Supporting North Hudson Sewerage Authority's application for 3 additional pumps



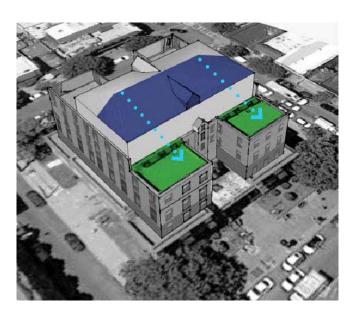






Grant applications summary

- Flood walls
- Three additional flood pumps
- Property acquisition & underground water detention system
- Emergency backup generators
- Solar-powered message signs/warning system
- Public awareness and education campaign
- City Hall stormwater improvement project
- Dry floodproofing of historic public library









Sheltering in place/ Resiliency through the storm

- Despite mandatory evacuation orders, majority of residents will not evacuate (Hurricane Irene/Hurricane Sandy)
- Challenges of sheltering in place
 - Water
 - Elevators
 - Identifying emergency situations
- Microgrid
 - Multiple energy sources (natural gas, solar, diesel) for redundancy
 - Protect critical infrastructure and neediest residents











More resilient to power disruptions

- PSE&G has proposed plan to consolidate 3 Hoboken substations into 2 and to elevate substations to protect from flooding.
- Applied for grant for permanent natural gas backup generators for critical infrastructure (City Hall, fire stations, police HQ, police & fire radio repeaters, community center, homeless shelter, school shelter, public works garage, ambulance squad)
- Exploring development of microgrid infrastructure
- Applied for grant for solar-powered variable message signs for hazard warning system







Growing CERT program

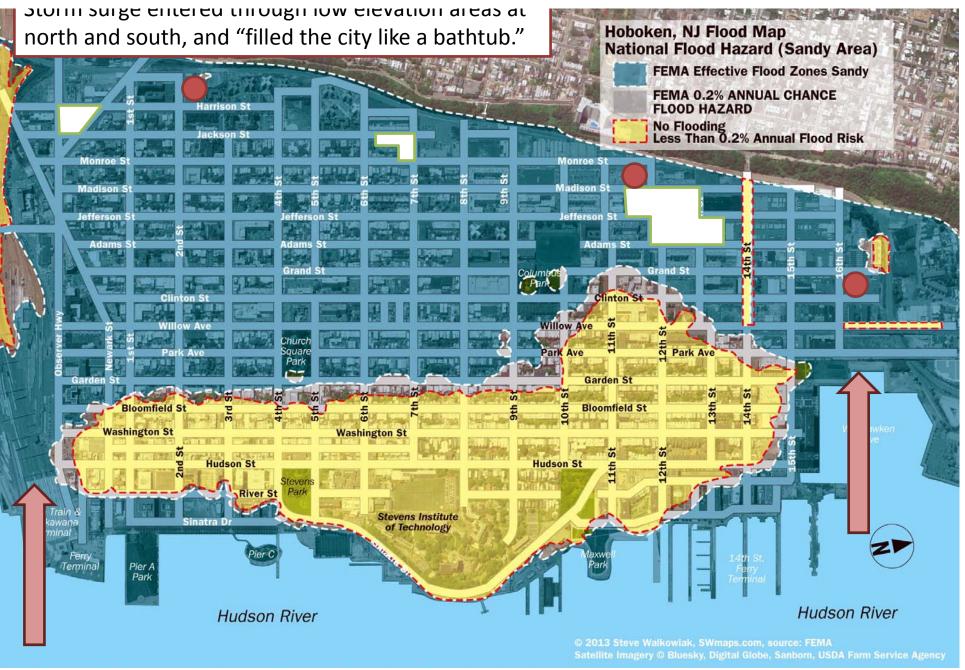
(Community Emergency Response Team)

















Hoboken – a member of UNISDR's Making Cities Resilient Campaign



Hoboken Resilience Run 5K





