



Rebuilding the Port of New Orleans After Hurricane Katrina

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Preparation & Response
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With 6,000 ships & 150,000 barges per year, the Lower Mississippi River is the world's largest port complex.

Gulf of Mexico provides 44% of the oil and about 50% of the gas that fuels the United States



New Orleans and Louisiana play a vital role in the world economy because of the shipping and oil industries

What Katrina Did to New Orleans



REBUILDING THE PORT OF NEW ORLEANS





2 million people
evacuated the
Gulf Coast

350,000 homes
were destroyed

150,000 homes
severely damaged

1,800 people died



Katrina's Wrath

Superdome & New Orleans Arena

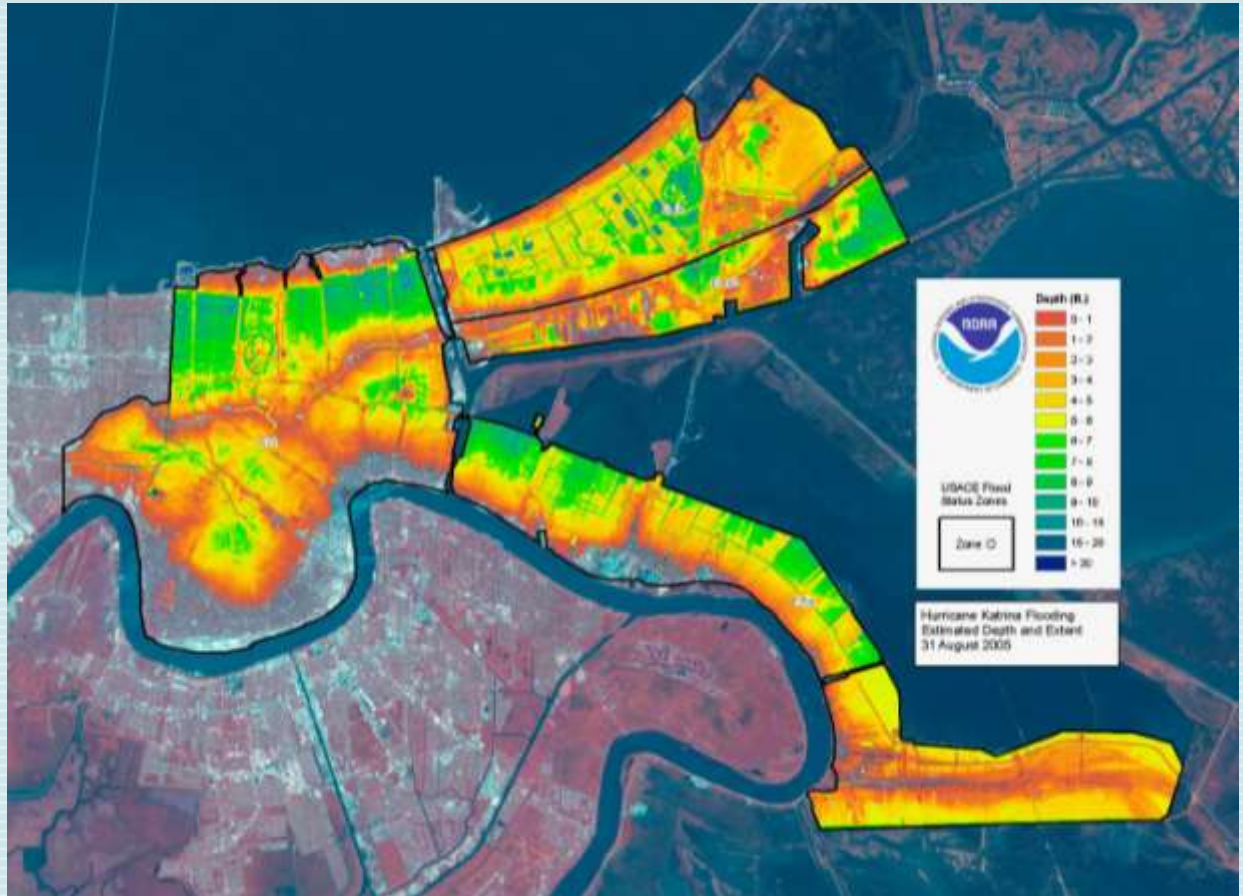




The federal levee system protecting the City was breached in several places

About 80% of the city was flooded

All flood water had to be pumped out of the city



Katrina Flooding

What Katrina Did to the Port of New Orleans



REBUILDING THE PORT OF NEW ORLEANS

France Road



France Road Container Terminal



Jourdan Road Terminal



Produce Warehouse Catches of Fire



Mandeville Street Wharf Fire



How We Fought Back



REBUILDING THE PORT OF NEW ORLEANS



USS Iwo Jima Docked at Julia Cruise Terminal



Harbor Police Rescue Missions



The Challenge of Restarting the Port



MARAD's Floating Dormitories



Generators used to 'Dewater' the City



Lykes Flyer



Lessons Learned



REBUILDING THE PORT OF NEW ORLEANS

Preparation Plan vs. Recovery Plan



- Port had prepared for lots of hurricanes
- Preparations include battening down the hatches
- Worked to reduce damage to life and property
- Refined the preparation plan on an annual basis

- Did not fully consider how to speed recovery if ‘the big one hit’
- No pre-determined satellite office
- No redundant communications
- Had to jump through many hoops to ensure continuity of operations

Satellite Office



During Katrina

- First satellite office was in Atlanta.
- Second satellite office in Port Manchac, La.
- Had to retrieve records, files etc from headquarters
- Employees had evacuated to the four corners of the map

Disaster Recovery Plan

- Established one satellite office in Shreveport, La.
- Can retrieve data, files, etc through secure computer link.
- Employees needed for emergency operations either stay in New Orleans or evacuate to Shreveport.



Communications



During Katrina

- Bought satellite phones that never worked.
- Local cell phones didn't work, but those from other area codes did.
- Established conference calls to coordinate efforts.
- Harbor Police was on a different radio system than other police agencies.

Disaster Recovery Plan

- Issue emergency phones during hurricane season as a backup.
- Conduct twice daily conference call from New Orleans and satellite office.
- Harbor Police on same radio system with other police agencies.
- All employees must tell us evacuation plans, and how we can reach them.

Emergency Housing



- U.S. Maritime Administration now has a policy to use its vessels to help aid in Port disaster recovery.
- We contact the Maritime Administration before a hurricane to touch base, make sure that the paperwork is in order to quickly deploy vessels if needed.

An aerial satellite-style photograph of a hurricane over the ocean. The eye of the storm is a dark, circular center surrounded by a dense, swirling ring of clouds. The surrounding clouds are lighter and more diffuse. The text is overlaid in a light blue, serif font with a white outline and a drop shadow.

If you don't have
A Disaster Preparation Plan
AND
A Disaster Recovery Plan
YOU ARE VULNERABLE