

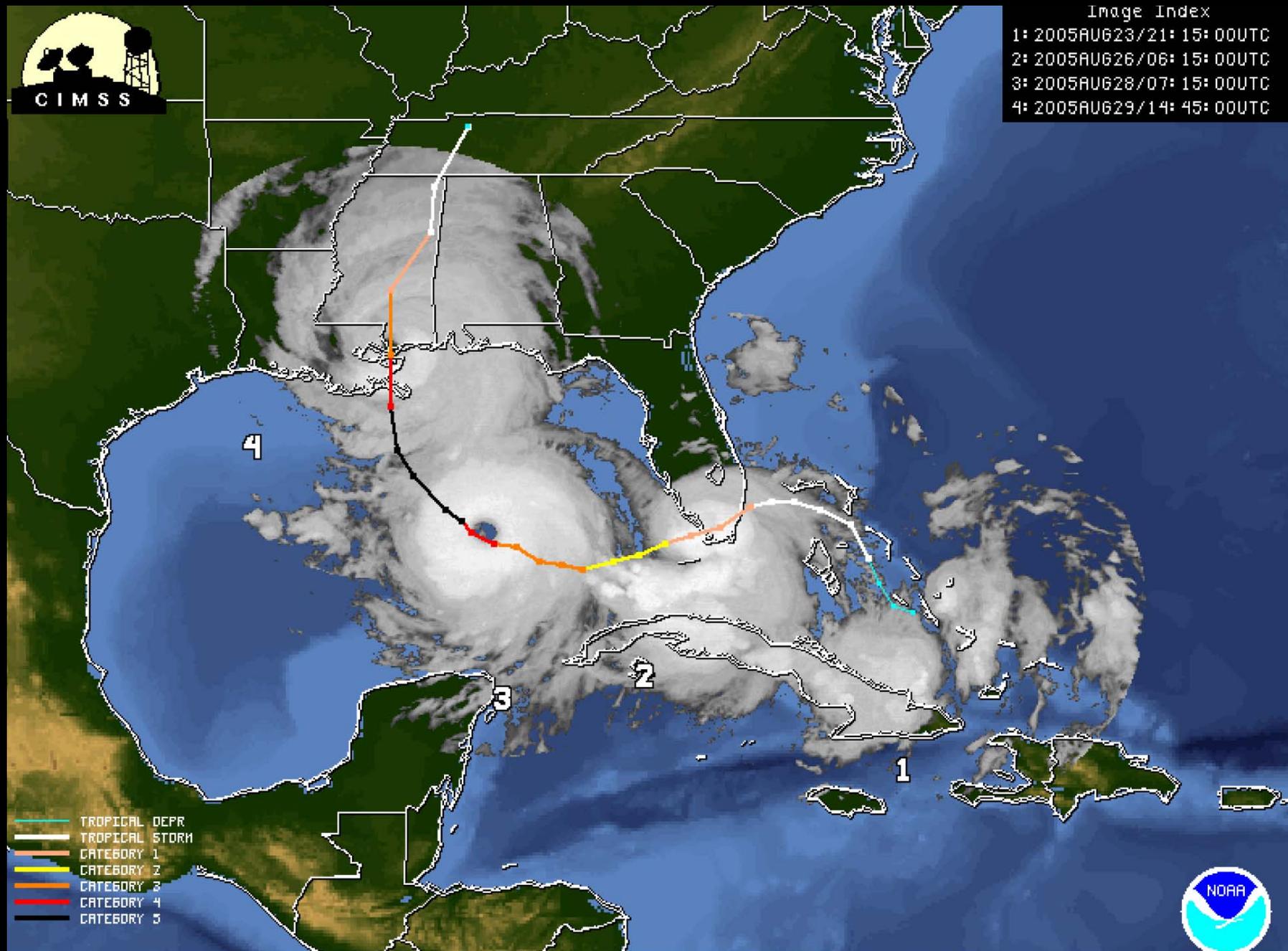


City and building design:  
*for a sustainable New Orleans*





Image Index  
 1: 2005AUG23/21: 15: 00UTC  
 2: 2005AUG26/06: 15: 00UTC  
 3: 2005AUG28/07: 15: 00UTC  
 4: 2005AUG29/14: 45: 00UTC



- TROPICAL DEPR
- TROPICAL STORM
- CATEGORY 1
- CATEGORY 2
- CATEGORY 3
- CATEGORY 4
- CATEGORY 5







## Katrina's Cost: Uncharted Territory

The federal allocation for needs related to Hurricane Katrina - which is expected to increase as the extent of damage becomes known - dwarfs the amounts spent on the previous most costly disasters.

Total Government Aid (in billions of 2005 dollars)

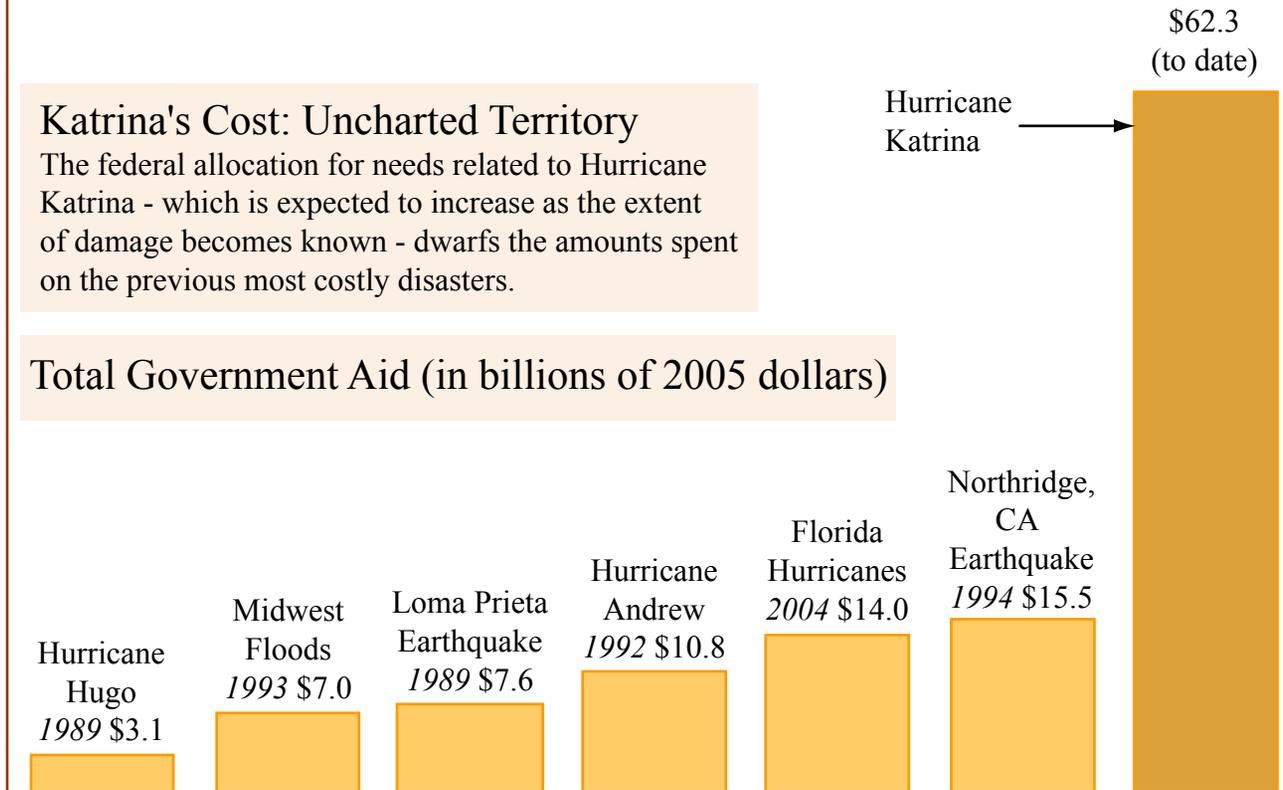
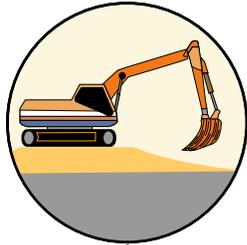


Figure by MIT OCW.

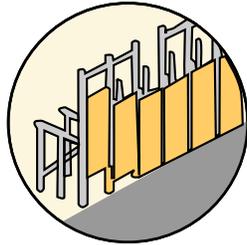
## Barrier Repairs

The flood and hurricane protection system in and around New Orleans is being restored to its condition before Hurricane Katrina or in some cases improved. Here is a look at the major projects.

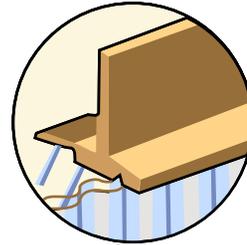
Earth is being moved to repair the 162 miles of levees along the Mississippi River in Plaquemines Parish.



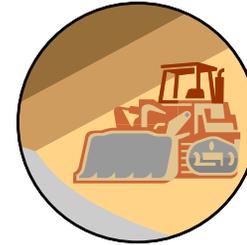
Flood gates are being constructed at the confluence of the canals with Lake Pontchartrain.



Along the Inner Harbor Navigational Canal, flood walls are being replaced with new concrete T-Wall.



Levees are being rebuilt along the Mississippi River Gulf Outlet, the right-of-way increased and barges removed.



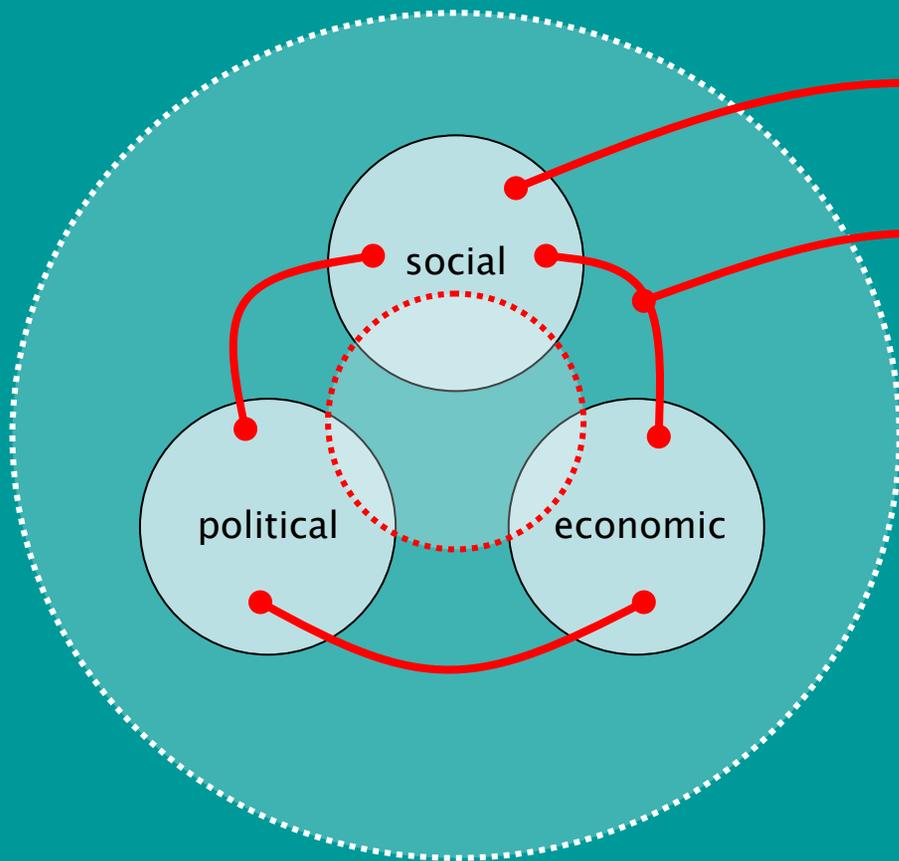


New Orleans: Public Housing

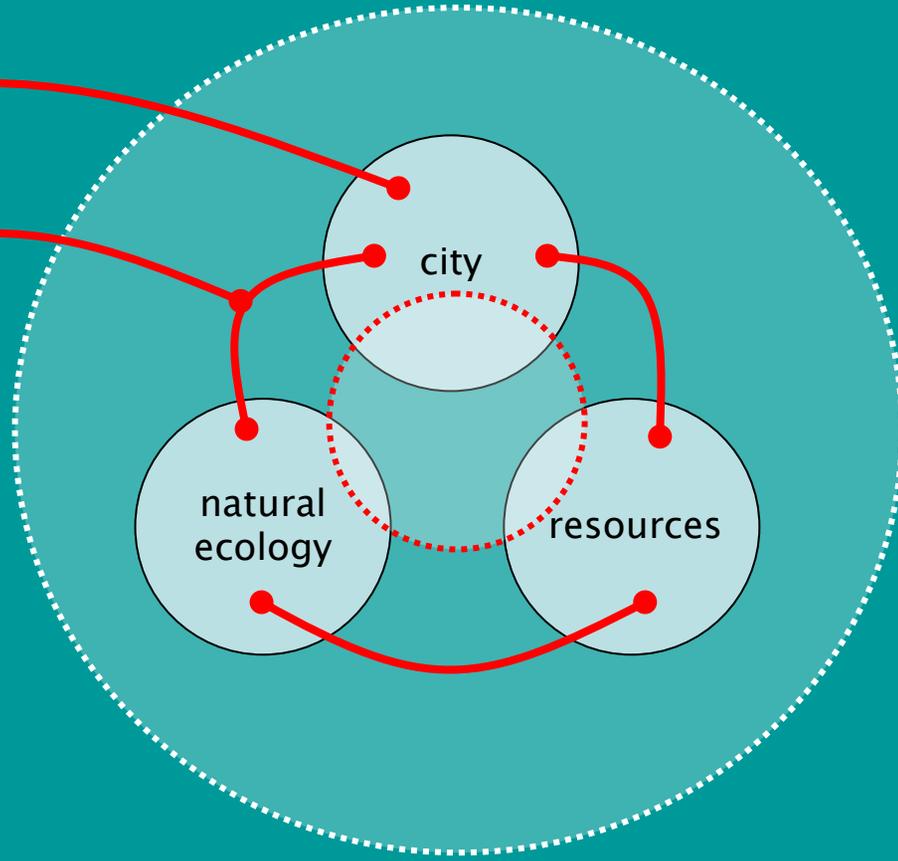


MIT "Float" House

## non-physical systems



## physical systems



| wk | Tues   | Thurs   |
|----|--|---|
| 4  | <p>02.27</p> <p>Levees</p> <p>Professor Andrew Whittle, CEE</p> <p><b>Assignment 2, Part 1 given</b></p> <p><b>Journal</b></p>         | <p>03.01</p> <p>Systems,<br/>complexity and housing</p> <p><b>Assignment 2, Part 2 given</b></p>  |
| 5  | <p>03.06</p> <p>Urban Infrastructure<br/>and Katrina</p> <p><b>Journal</b></p>   | <p>03.08</p> <p>Urban<br/>Metabolism</p>  |
| 6  | <p>03.13</p> <p>Urban Ecology</p> <p>Prof. Doug Meffert, Co-Director Biosciences<br/>Research Center, Tulane</p> <p><b>Journal</b></p> | <p>03.15</p> <p>Urban Ecology</p> <p>Prof. Doug Meffert, Co-Director Biosciences<br/>Research Center, Tulane</p> <p><b>Assignment 2, Part 1 and 2 Due</b></p> |
| 7  | <p>03.20</p> <p>Student Presentations</p> <p><b>Journal</b></p>  | <p>03.22</p> <p>Project Discussions</p>   |