

Resilience in the FutureCity

4th International Forum on "Future City" Initiative

6 December 2014 – Higashi-Matsushima City

Brenden McEneaney

Director, Urban Resilience

Urban Land Institute

“the ability to prepare and plan for, absorb, recover from, and more successfully adapt to adverse events”

...bouncing forward



Physical Aspects



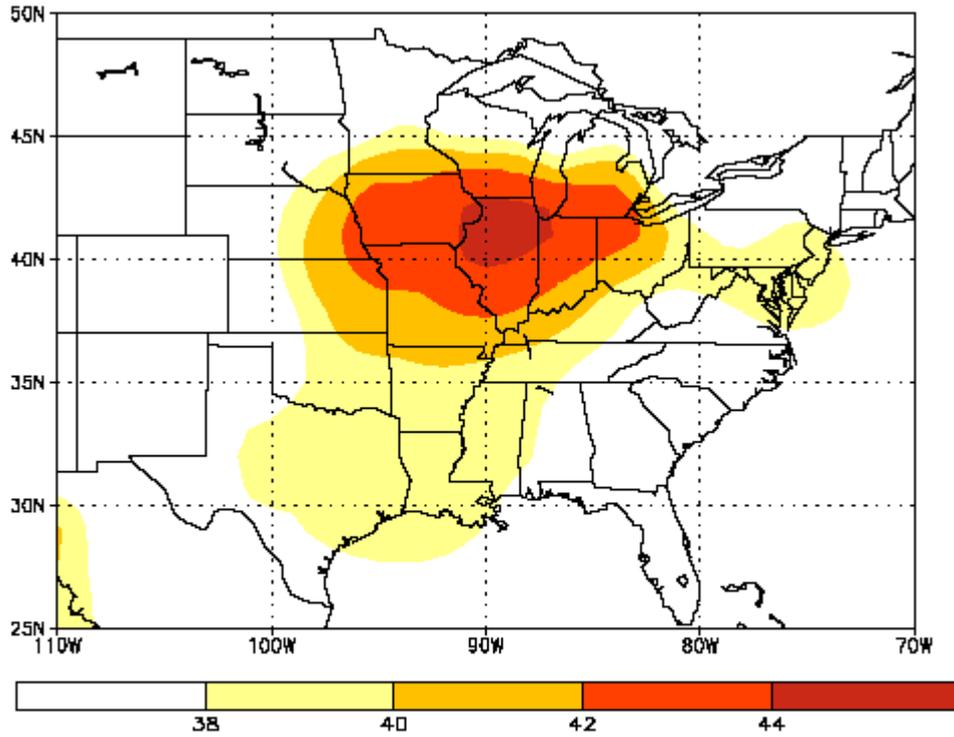


FIG. 44 Maximum apparent temperature (°C) during 13-14 July 1995.
(Source: CPC)



- Redundancy
- Diversity
- Flexible,
Decentralized
- Multiple Benefit



- **Avoid Loss**
 - Reduce business interruption
 - Reduce physical damage
 - Protect Insurability
- **Create Value**
 - Increased Rent
 - Higher Occupancy
 - Lower Operating Cost
 - Reduce Insurance Premiums
 - Extend Infrastructure Life
 - Expedited Permit Approvals
 - Improved Image



Brenden McEneaney
Director, Urban Resilience
Urban Land Institute

Sources:

Urban Waterfront Adaptive Strategies, New York City Department of Planning

Urban Land Institute

City of Santa Monica