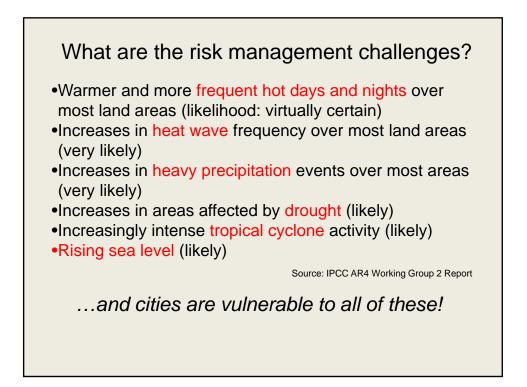
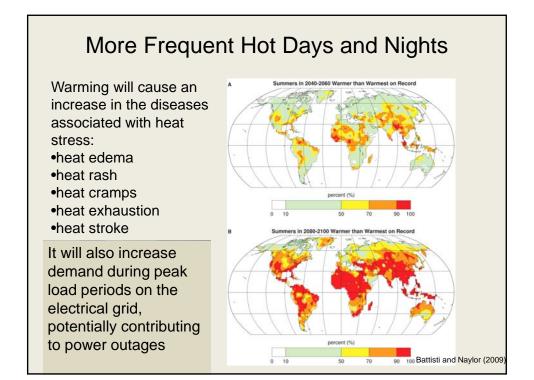
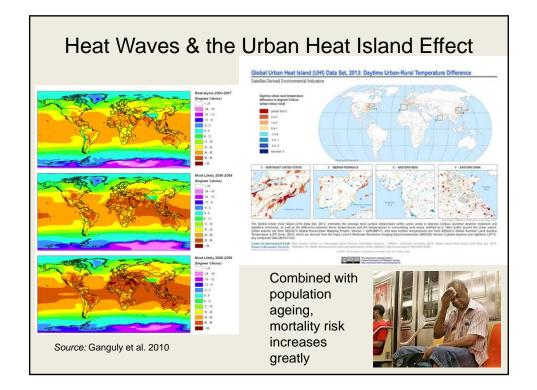
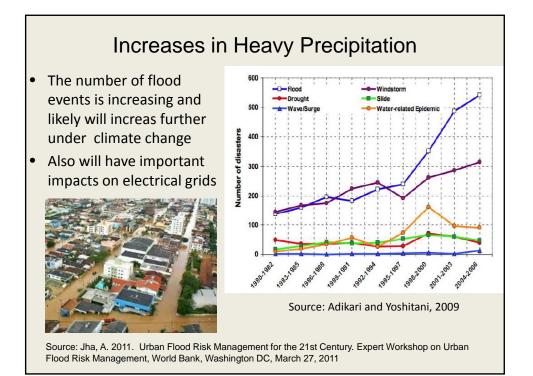


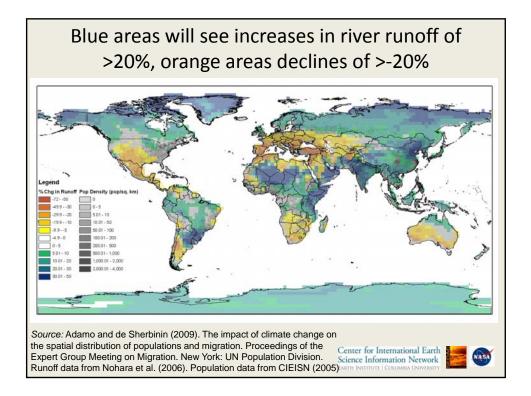
<section-header>Cities • Concentrate population • Concentrate economic activities and trade • Concentrate investments in the built environment (buildings, supporting infrastructure) • Represent the entire economic spectrum of a society • Depend on a predictable relationship between the natural and built environment Climate Change will bring both predictable and upredictable impacts ... the stability will be perturbed

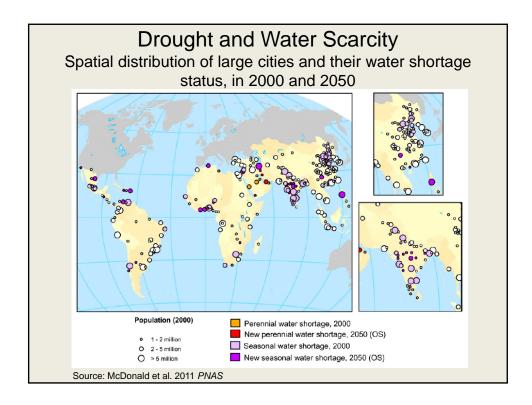


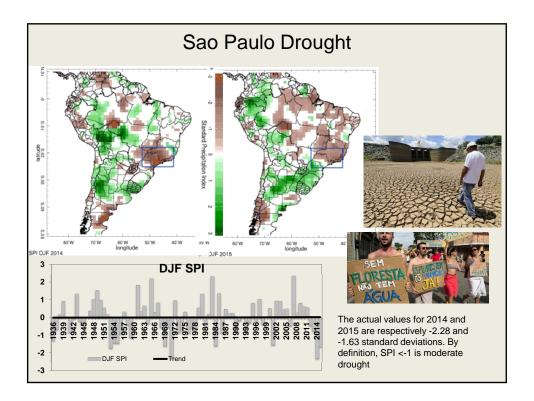


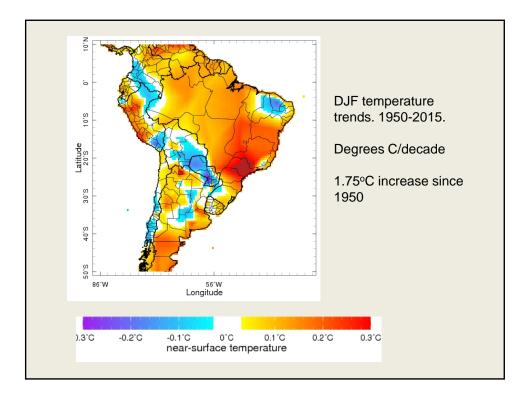


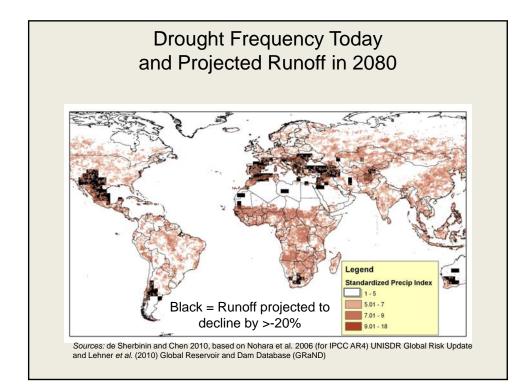


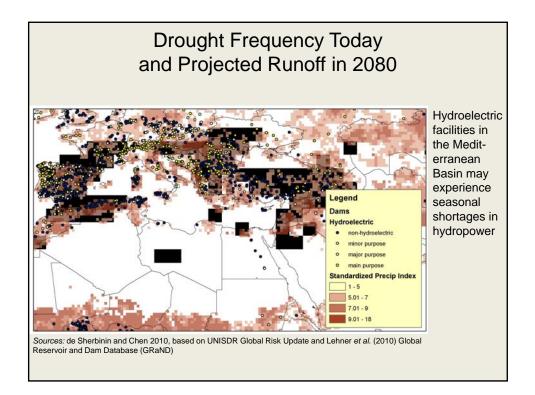


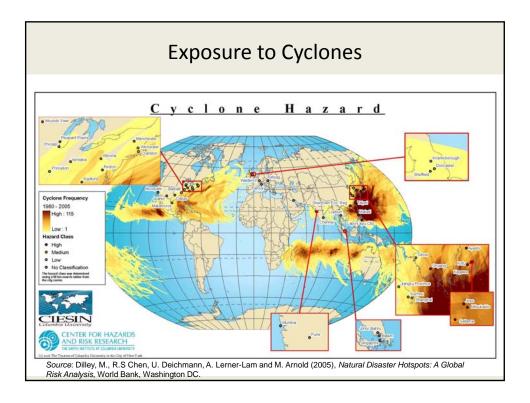


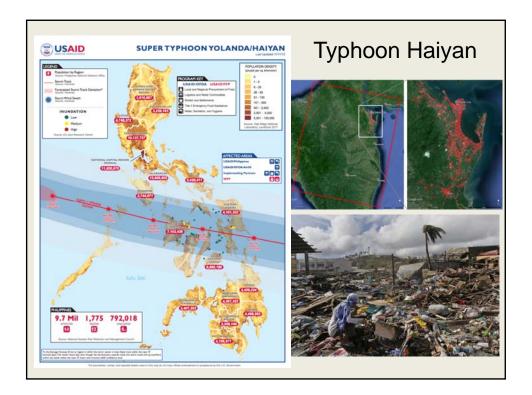


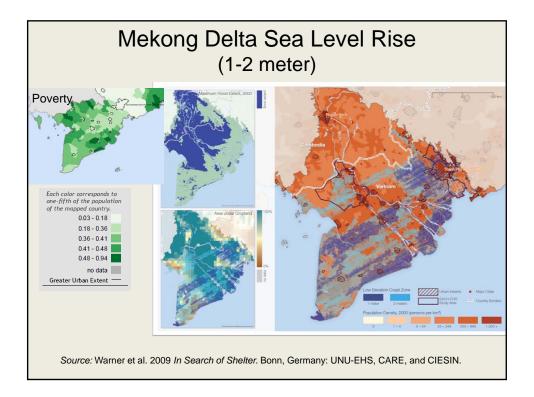


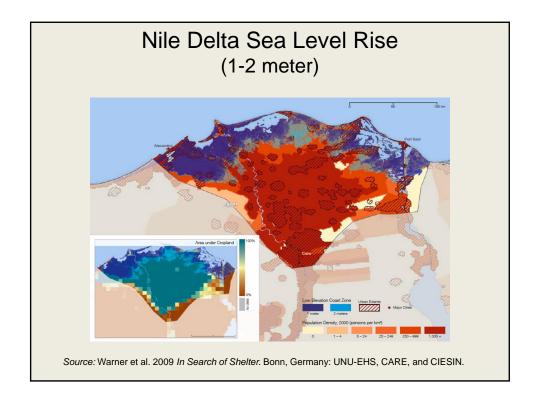




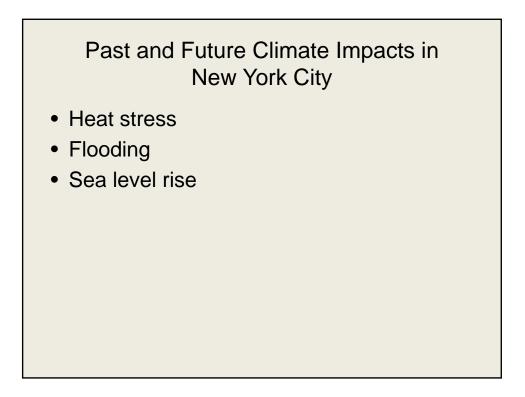


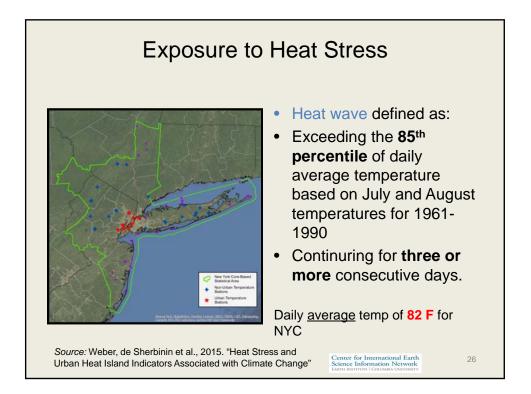


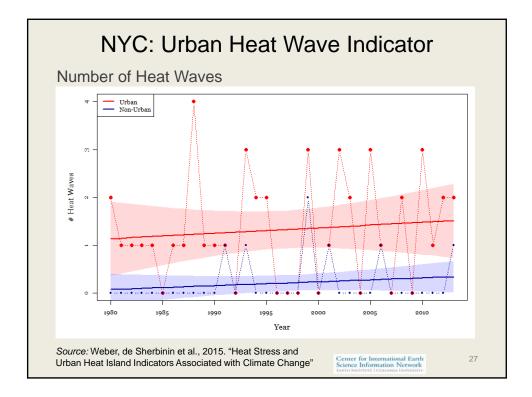


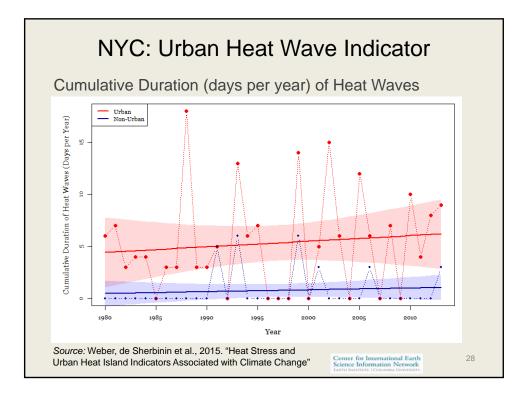


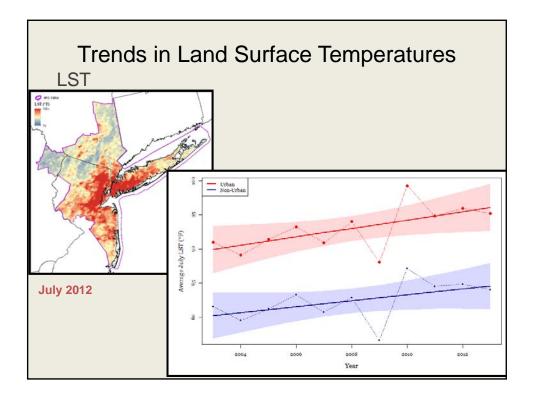


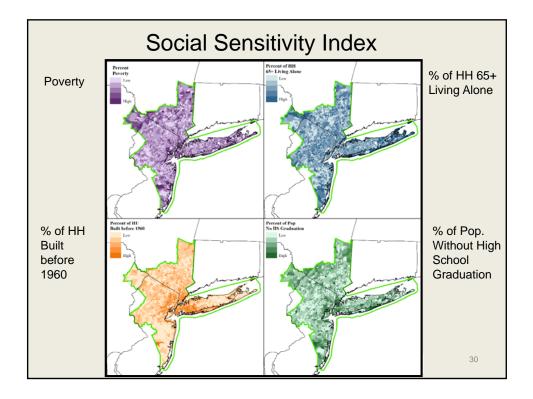


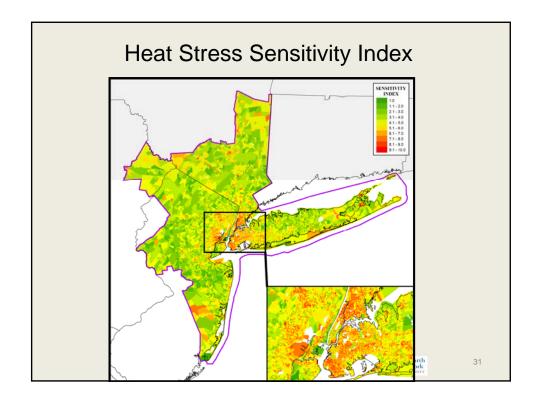


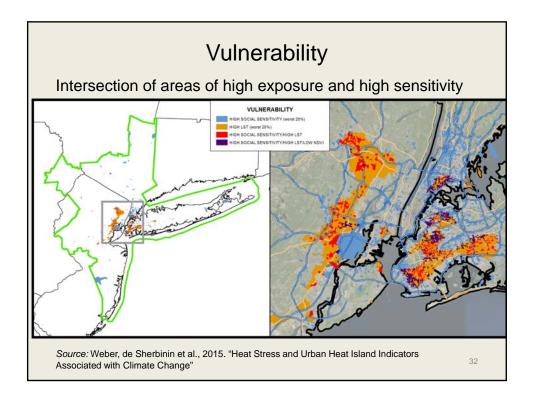


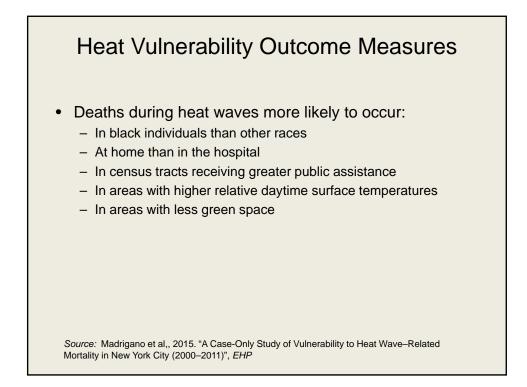


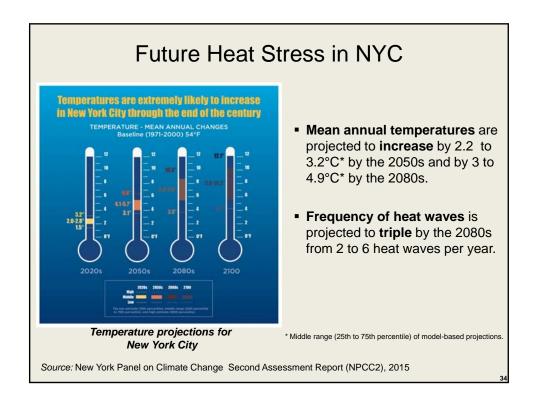


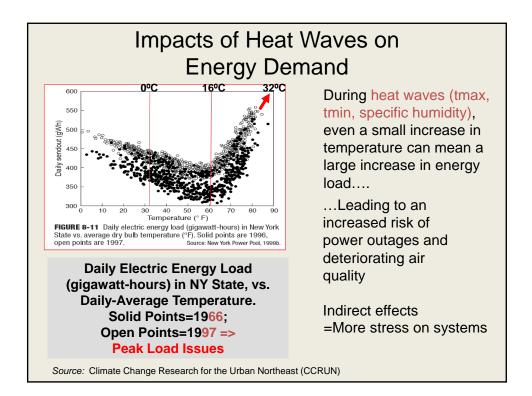


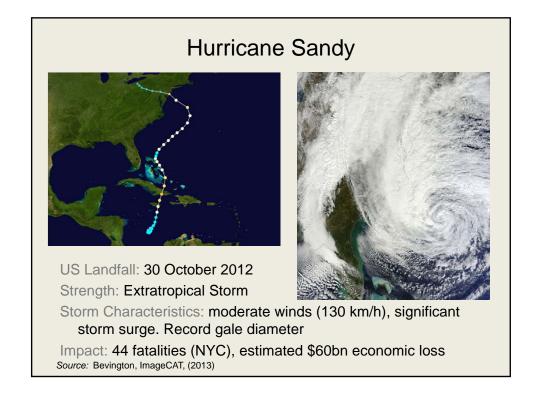




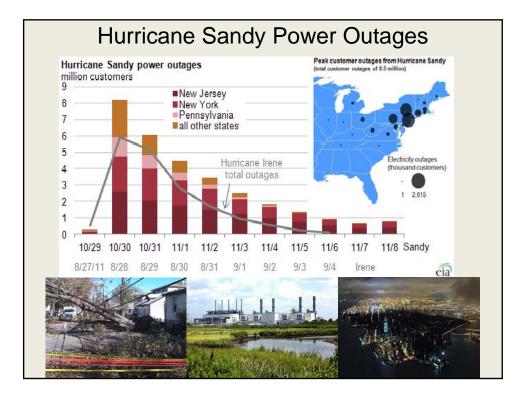


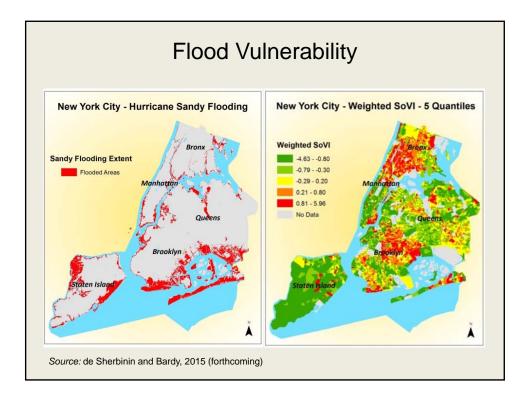


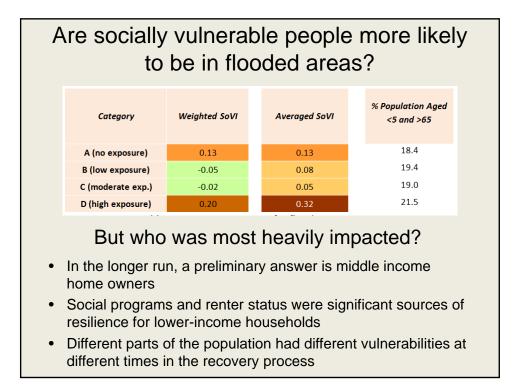


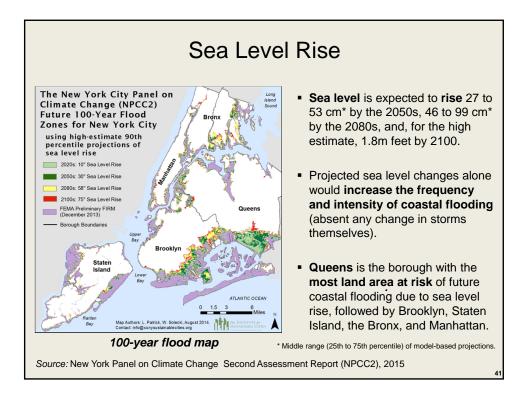


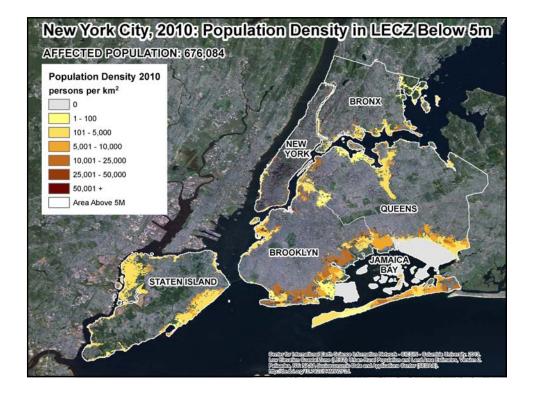


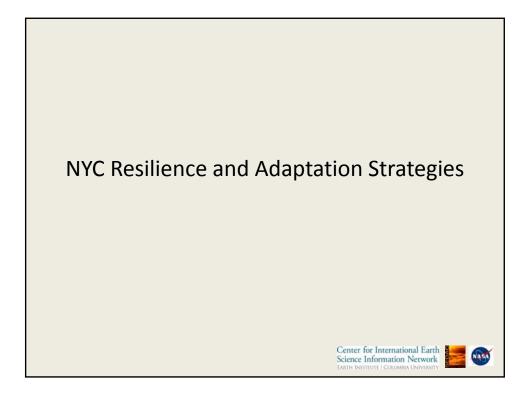










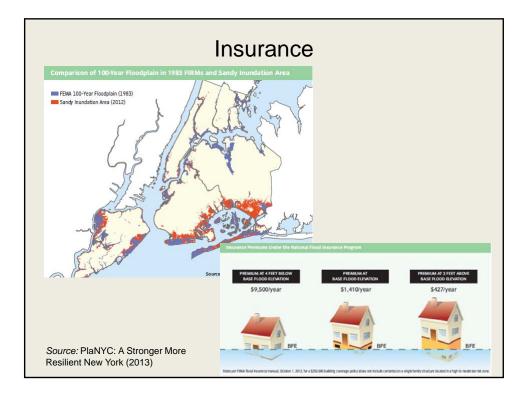




Examples

Policy

- Flood insurance and zoning regulations to guide development
- Cooling centers for heat waves
- Engineering
 - Sea walls, sea gates
 - Levees
- · Ecosystem-based adaptation
 - Dune replenishment
 - Wetland restoration
- Social
 - Empowering community groups and neighborhood self-help
 - Training neighbors to help elderly or handicapped during emergencies



Proceedings Before New York Public Policy Service Commission Petition by Columbia and other NGOs Consolidated Edison rate increase request

- Consolidated Edison rate increase request
- NGO interventions
- Presentations by climate scientists
- Adjudication
- Negotiation
- Settlement

Slides Courtesy Michael Gerrard, Sabin Center for Climate Change Law

New York Public Service Commission ^{Policy} Decision – 20 February 2014

"The obligation to address these considerations should be broadened to include all utilities. The State's utilities should familiarize themselves with scientists' projections for local climate change impacts ... We expect the utilities to consult the most current data available to evaluate the climate impacts anticipated in their regions over the next years and decades, and to integrate these considerations into their system planning and construction forecasts and budgets."

Slides Courtesy Michael Gerrard, Sabin Center for Climate Change Law

