



SEISMIC RESILIENCE IN LOS ANGELES

Dr. Lucy Jones

Science Advisor for Risk Reduction

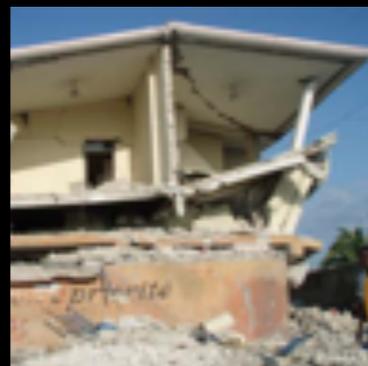
Natural Hazards Mission Area

US Geological Survey

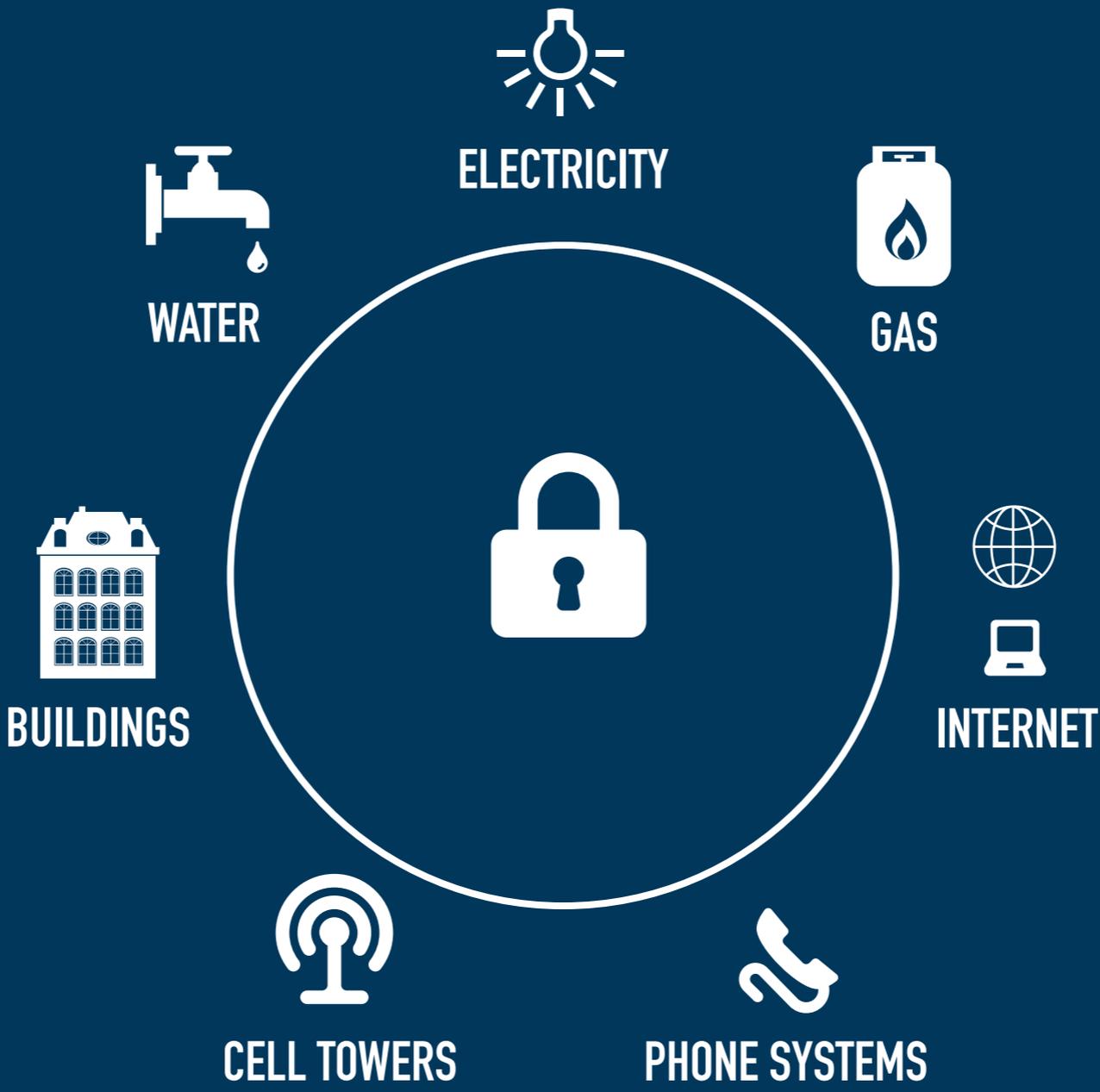
Mayor's Science Advisor for Seismic Safety

City of Los Angeles

Natural Hazards: Earthquake • Volcanic Eruption • Landslide • Flood • Geomagnetic Storm • Wildfire • Tsunami • Coastal Erosion



CRITICAL INFRASTRUCTURE



NECESSARY SYSTEMS

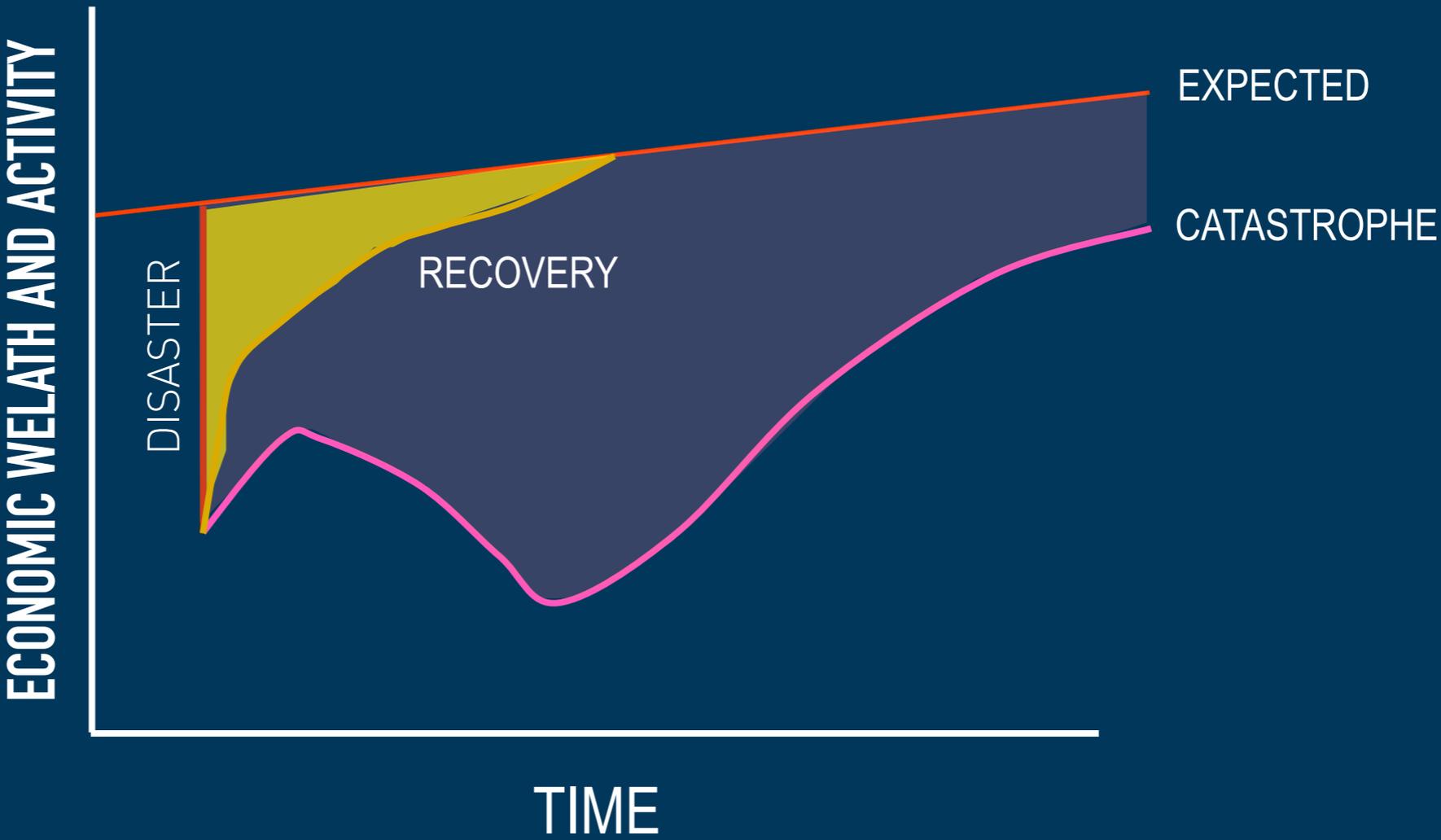


THE NEXT LEVEL - INTERNET DEPENDENCY



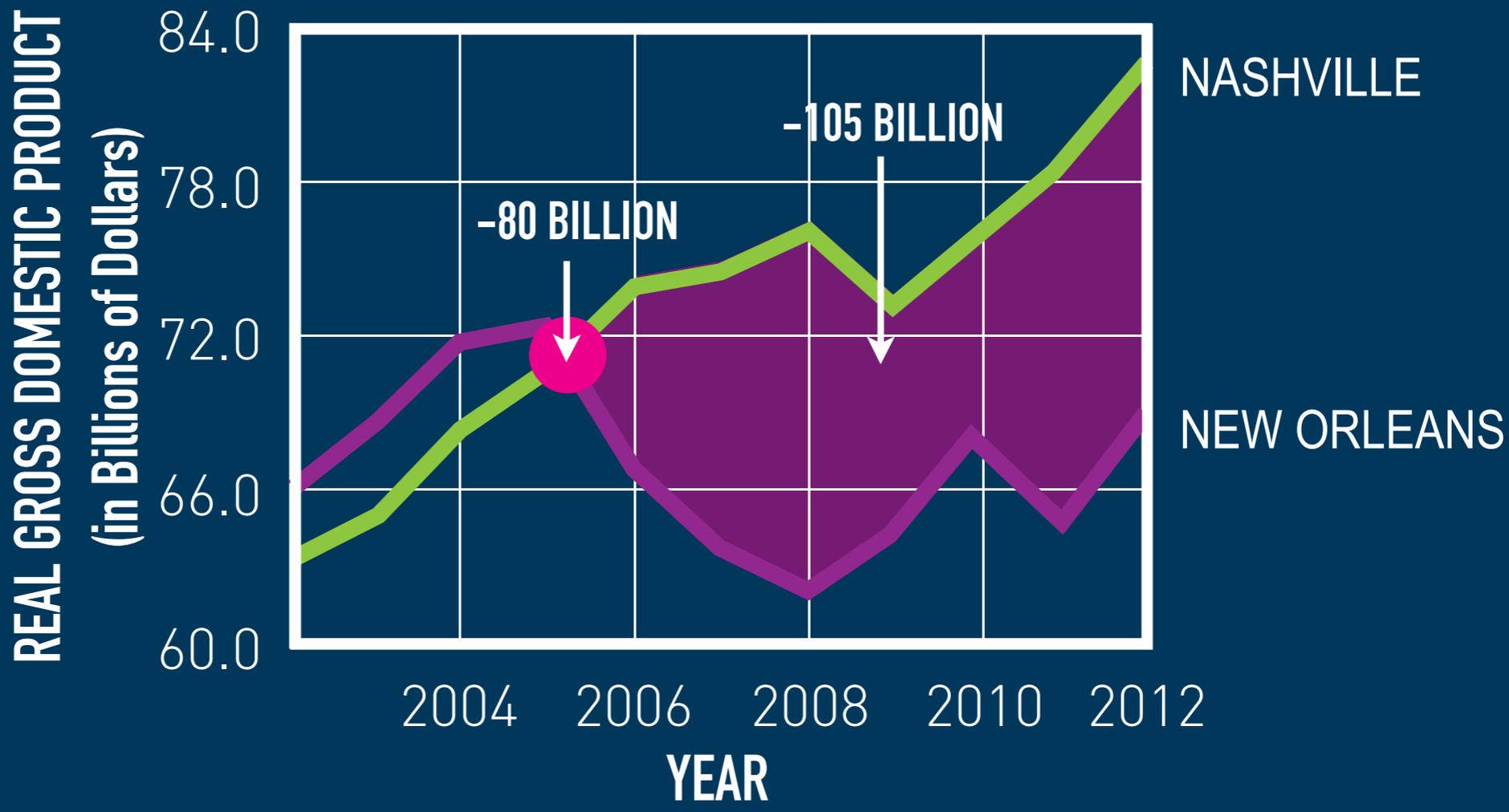
WHAT IS AT STAKE?

ECONOMIC REPERCUSSIONS



ECONOMIC REPERCUSSIONS

NEW ORLEANS VS NASHVILLE ECONOMIC GROWTH



OUR URBAN SOCIETY IS AT RISK

Goals:

Protect lives during the earthquake

Improve the City's ability to respond

Improve the City's capacity for recovery

**URBAN DISASTER RESILIENCE IS A SOCIETY THAT
FUNCTIONS AFTER THE EARTHQUAKE**

USGS - Los Angeles Cooperative Project

- Based on the ShakeOut Scenario
- Goal is the economic viability of Los Angeles
- What actions are within the purview of the City?
- Focused on
 - Buildings
 - Water
 - Communications