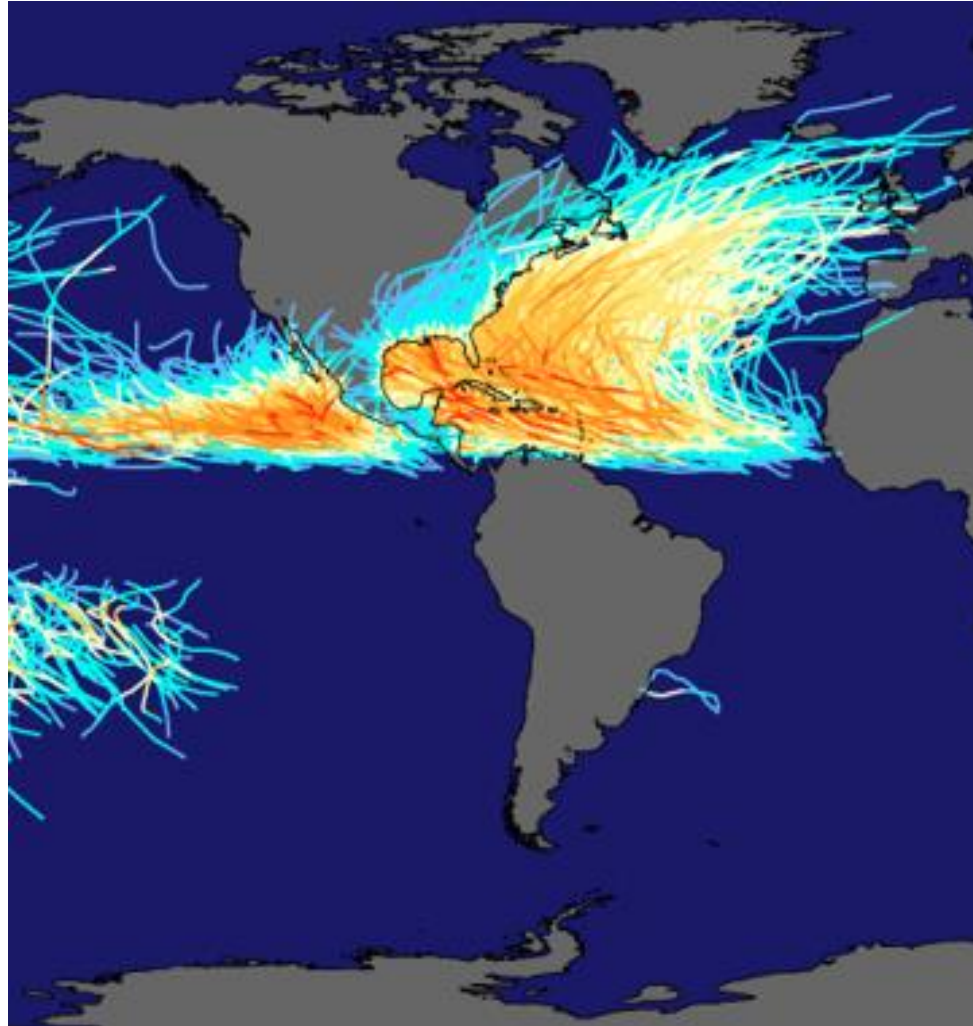


3rd Sea-Level Rise Summit
May 5, 2016

“Pivoting” the LAC Region?

*Richard S. Olson, Ph.D., Professor
Director, Extreme Events Institute
Director, International Hurricane Research Center
Florida International University
Miami, Florida*

Hurricanes (just since 1985)



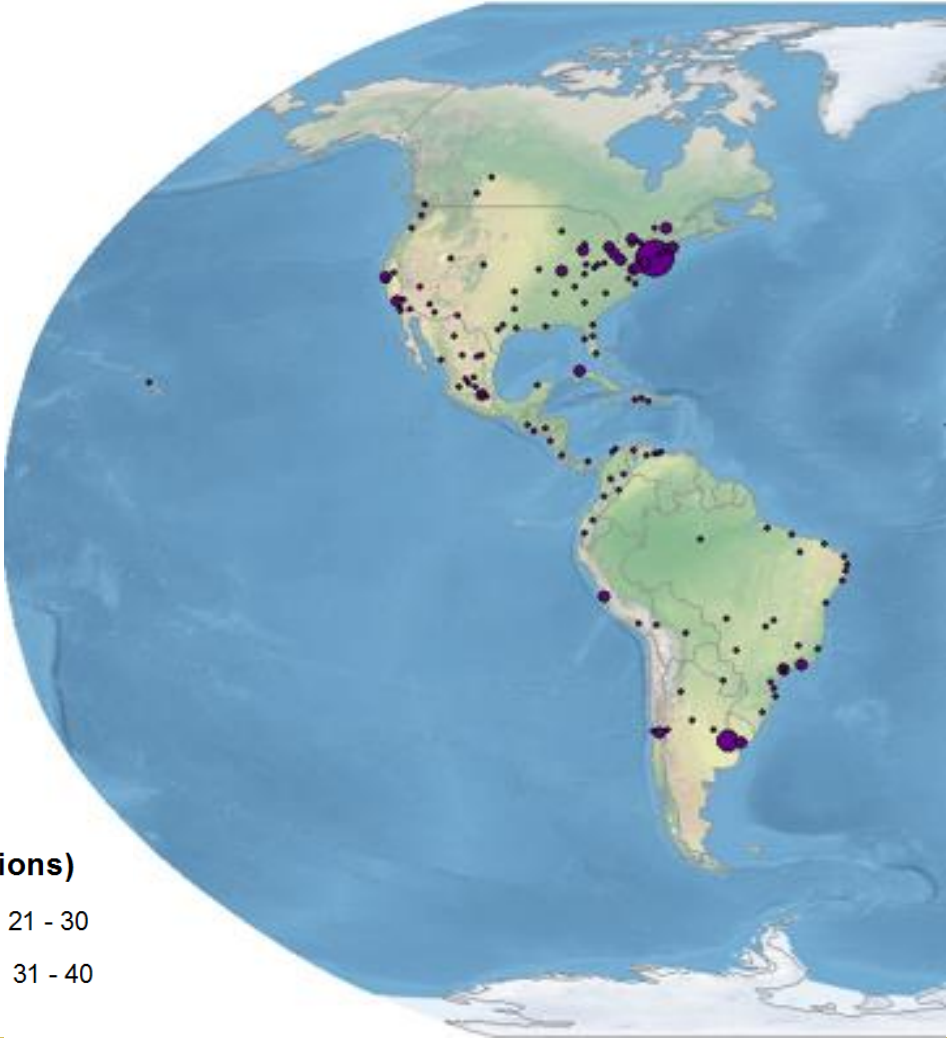
Seismic/Volcanic (2150 BC–)



Tsunami (2000 BC–)



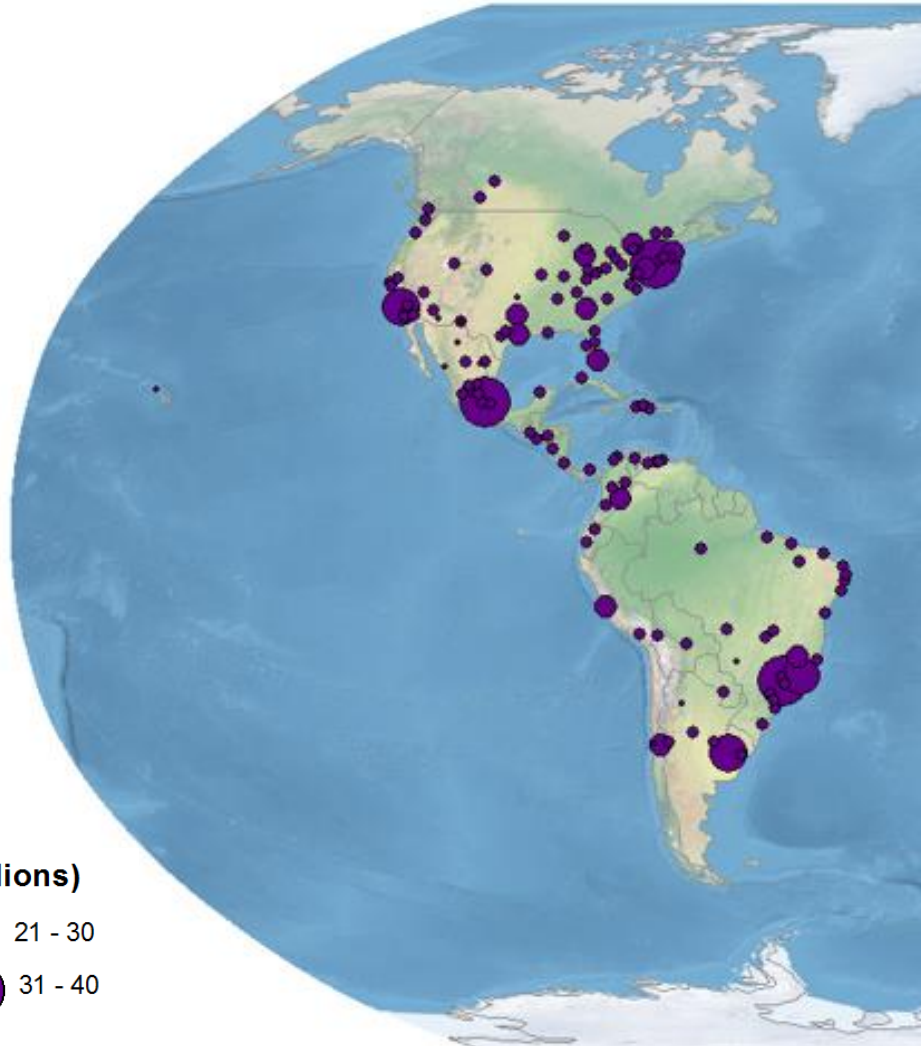
Urban Populations 1950



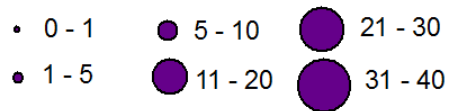
Urban Population (millions)

- 0 - 1
- 1 - 5
- 5 - 10
- 11 - 20
- 21 - 30
- 31 - 40

Urban Populations 2050 (Projected)



Urban Population (millions)



Three LAC Region Takeaways for “Pivoting”

A Multi-Hazard Region and Brutal Tradeoffs

SLR as a Slow-Onset Stressor → EmR/DR/CatR

A Way Forward: Site-Design-Construct-Maintain
Correcting the Past: Retrofit/Replace/Relocate

Thank You!