

What are **Pressing** Research Priorities?

Structures - NZ

- Unique aspects of CC Earthquakes:
 - Still shaking
 - Large population of URM, some performed well, most pulled down, but data exists.
 - Soft soil conditions
- Research from existing data:
 - Identification of successful structural details and retrofits
 - Performance of utilities
 - Repair cost to property value ratio



Japan and NZ Earthquakes RAPID and Research Needs Workshop
Arlington, VA Feb 9 and 10, 2012



Structures – NZ (2)

- New data from:
 - Field measurements in ongoing aftershocks in damaged and undamaged buildings.
 - Destructive testing – components and buildings
- Broader impacts – resiliency/repairability, performance levels?



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