

EARTHQUAKE PREPAREDNESS INITIATIVE



**BUILDING
SAFETY**



**INFRASTRUCTURE
REINFORCEMENT**



**ECONOMIC
RESILIENCE**

Seismic Self-Evaluation for City Officials: The Basics

I. Lifelines

1. Who delivers water to your city?
 - a. What are their response plans to a seismic event?
 - b. What plans are in place to strengthen their pipes to avoid breaks during an earthquake?
 - c. Is there a single point of failure in their water distribution system?
2. Who delivers power to your city?
 - a. What are their response plans to a seismic event?
 - b. What plans are in place to strengthen their transmission lines to avoid breaks during an earthquake?
 - c. Is there a single point of failure in their transmission system?
3. What are the main transportation ingress and egress points to your city?
 - a. Do these main corridors pass through other cities?
 - b. Is this main transportation corridor the freeway?
 - c. Do you control those roadways, overpasses, bridges, on-ramps, etc. or does another agency?

II. Buildings

1. What % (or number) of your building stock was built
 - a. Before 1980?
 - b. Before 1997?
2. What % (or number) of your city's buildings
 - a. Are unreinforced masonry (URM)?
 - b. Are non-ductile concrete?
 - c. Have a "soft" first-story?
3. When was the last time you adopted a new building code for new construction?
4. What % (or number) of buildings have been retrofitted or upgraded to address earthquake risk?
5. Do you have any programs for retrofitting, strengthening, or offer any incentives for homeowners, businesses, or agencies to improve older buildings?

III. Community

1. If 5 of your top 10 private employers in your city closed, how would this impact:
 - a. Your tax base?
 - b. Your employment rate?
2. Which groups do you know about that are working in your community to reduce losses from an earthquake?
3. What incentives or programs do you offer for your businesses or residents to mitigate or prepare for emergencies or disasters?

IV. Government

1. When is the last time your city's elected officials participated in an emergency drill (table-top exercise or otherwise)? How often are such activities scheduled?
2. Who is assigned to oversee earthquake response in your city?
3. Who is designated as the primary liaison with your county's Office of Emergency Services?
4. How often do you have earthquake or mitigation issues on your council agenda per year?
 - a. Once per year
 - b. Less than once per year
 - c. A few times a year
 - d. Monthly
 - e. More than monthly
5. Is your city self-insured? How do you manage losses?
6. How is your non-emergency city staff trained or educated to prepare for disasters at home so that they will be able to return to work more quickly?