



Tutorials



For the 100th Anniversary Earthquake Conference Commemorating the 1906 San Francisco Earthquake

Objective

To increase public awareness of earthquake hazards and their effects and reduce losses through education and improve disaster preparedness, response, and recovery.

Sponsor

Northern California Chapter of EERI

Target Audience

- Practicing engineers, geologists, and architects
- Emergency management and response professionals
- Building owners, managers, and leasing agents
- Building inspectors
- Teachers
- Government officials
- Lifeline owners
- Earthquake loss estimators
- Insurance agents/adjusters
- General public

Suggested Topics

Learning From Earthquakes

- 1) The What, Where, and How of Earthquakes
- 2) Earthquake Hazards and Hazard Mapping: Ground Shaking, Liquefaction, and Landslides
- 3) Earthquakes and Faults in the San Francisco Bay Area
- 4) Tsunami !
- 5) Basic Principles of Earthquake Loss Estimation
- 6) Basic Principles of Earthquake Engineering of Buildings
(Why Buildings Fall Down in Earthquakes and How to Keep Them Up)
- 7) Basic Principles of Earthquake Engineering of Lifelines and Bridges
- 8) Basic Principles of Earthquake Engineering of Schools and Hospitals
- 9) Performance-Based Earthquake Engineering?

Preparing for Earthquakes

- 1) Developing an Earthquake Risk Management Strategy
- 2) Effective Government Programs in Earthquake Mitigation and How to Obtain Funding
- 3) Effective School Programs in Earthquake Hazard Mitigation and How to Obtain Funding
- 4) How to Evaluate and Retrofit Your Own Home
- 5) Historic Preservation and Rehabilitation – Regulatory Issues and Approaches
- 6) Fire Risk Identification and Reduction
- 7) State-of-the-Art Technologies: Base Isolation, Damping Systems, Bracing and Protection of Nonstructural Elements and Building Contents
- 8) Emergency Preparedness for Businesses
- 9) Insuring Your Home for Earthquakes
- 10) Nonstructural Elements, Operability and Business Interruption
- 11) What to Know When Buying a Home – Geologic Hazard Ordinances
- 12) URMs, Soft Stories, and Other Vulnerable Buildings – What to Do?
- 13) How to Get Your School/Hospital Project Application Approved Most Expediently
- 14) Introduction to HAZUS

Responding and Recovering From Earthquakes

- 1) Business Occupancy Resumption Program
- 2) Emergency Response for Neighborhoods
- 3) Government Disaster Response

Total Number of Classes = 26 to date

Schedule

Afternoons, Monday through Friday, 17 – 21 April 2006
Average of 2 to 4 hours per class, offered once or twice.

Locations

Moscone Center Breakout Rooms
Portables?

Contact Information

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