



BC Housing

**BC HOUSING
EMERGENCY SOCIAL SERVICES
PUBLIC TRAINING PROGRAMS**



Course Name:	Rapid Damage Assessment for Professionals
Description:	This course teaches advanced skills to identify unsafe conditions in wood frame, masonry, concrete and steel construction caused by floods and earthquakes. Individuals learn to assess damage to determine whether buildings can be re-occupied. BC Housing's rapid inspection skills are taught using the "Applied Technologies Council 20 & 45" guidelines from California.
Prerequisites:	Should have a general understanding of building construction.
Duration:	3.5 to 4 hours
Target Audience:	ESS Staff, Safety Officials, Facility/Property Managers, Supervisors...
Objectives:	Upon completion participants should be able to: <ul style="list-style-type: none">• identify typical structural and non-structural UNSAFE conditions in wood frame, masonry and concrete structures that would prevent safe occupancy following a flood or an earthquake.• identify "high risk" areas where structural damage could be caused to wood frame, masonry and concrete structures due to seismic motion.• identify general steps that can be taken to mitigate injuries and seismic damage in non-structural components of buildings.• conduct a safe post-earthquake building evacuation.• effectively post and secure a structure deemed to be UNSAFE.• recognize important factors in responding to the needs of building occupants and local safety officials.
Content:	Topics include: <ul style="list-style-type: none">• Earthquake Threat and Potential Impact• Review of Community-based Response Functions• Personal Safety Principles and Equipment• Rapid Damage Assessment Procedures and Criteria• Structural Basics: Wood Frame and Concrete Construction Steel and Masonry Construction• Evacuating and Posting Structures and Building Components• Identifying and Responding to Non-Structural Hazards• Secondary Damage Assessment: Detailed Assessment Criteria• Responding to Building Occupants• Emergency Program Act and Related Law• Working with Local/Agency Officials: Damage Reports
Class Size:	Minimum 10, Maximum 30 Participants
Course Fee:	\$40.00 per person, field manual included.