



Applied Technology Council

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Advancing Engineering Applications for Hazard Mitigation
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ATC Announces Immediate Availability of *ATC-45 Field Manual: Safety Evaluation of Buildings after Wind Storms and Floods*

The Applied Technology Council (ATC) is pleased to announce the immediate availability of the *ATC-45 Field Manual: Safety Evaluation of Buildings After Wind Storms and Floods*. Funded by the Applied Technology Council, the ATC Endowment Fund, and the Institute for Business and Home Safety, this 132-page report provides guidelines and procedures for conducting postwindstorm and postflood building safety evaluations. The purpose of these evaluations is to determine whether damaged or potentially damaged buildings are safe for use, or if entry should be restricted or prohibited.

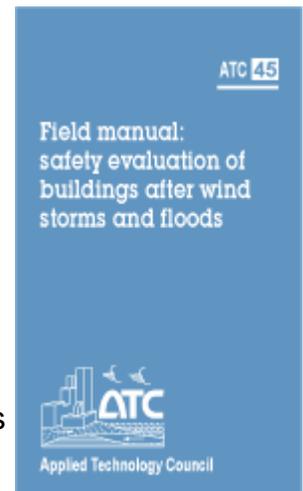
The *ATC-45 Field Manual* is intended to be used by building officials, building inspectors, engineers, and others involved in postdisaster safety evaluation of building types commonly found in the United States. The *Field Manual* explains three different building safety evaluation procedures. Two of the procedures (Rapid Evaluation and Detailed Evaluation) are discussed in detail. For each of these procedures, the document provides guidance on where to look for damage.

The *Field Manual* gives advice on evaluating structural, geotechnical, and nonstructural risks, and advice on how to rate the safety significance of certain types of damage. In addition, the *Manual* covers related topics of interest to safety personnel, including (a) how to deal with owners and occupants of damaged buildings, and (b) field safety issues. Evaluation forms and posting placards, represented in the document in small-scale size, can be downloaded free of charge from the ATC web site (www.ATCouncil.org).

The *Field Manual* is patterned after the concepts developed in two earlier ATC projects: (1) the ATC-20 project, whereby ATC developed the well known and widely used ATC-20 report, *Procedures for Postearthquake Safety Evaluation of Buildings*; companion ATC-20-1 *Field Manual*, and ATC-20-2 *Addendum*, which contains updated evaluation forms and placards; and (2) the ATC-26 project, whereby ATC developed several sets of procedures for postdisaster safety evaluation of U. S. Postal Service (USPS) facilities, including procedures for safety evaluation of USPS facilities after wind storms and floods.

The *ATC-45 Field Manual* has been printed in an easy-to-use, pocket-sized format. The document can be obtained from the Applied Technology Council, 201 Redwood Shores Parkway, Suite 240, Redwood City, California 94065 (phone, 650/595-1542; fax, 650/593-2320; e-mail, ATC@ATCouncil.org). Price: \$27.00 per copy (plus shipping and Sales Tax).

ATC-45 may also be ordered in the [Applied Technology Council Online Store](#).



The following are available for immediate download in PDF format:

ATC-45 Rapid Evaluation Safety Assessment Form

ATC-45 Detailed Evaluation Safety Assessment Form

ATC-45 UNSAFE Posting Placard (print on red cardstock)

ATC-45 RESTRICTED USE Posting Placard (print on yellow cardstock)

Alternate **ATC-45 RESTRICTED USE Posting Placard** with preprinted instructions (print on yellow cardstock)

ATC-45 INSPECTED Posting Placard (print on green cardstock)

ATC-45 Appendix E: Guidelines for Owners and Occupants of Damaged Buildings

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Comments or suggestions are welcome:
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