



President: Patrick Buscovich

Vice President: James R. Harris

Secretary/Treasurer: David A. Hutchinson

**NEWS RELEASE**

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For More Information, Contact  
Bernadette Hadnagy, 650/595-1542  
E-mail: [bhadnagy@ATCCouncil.org](mailto:bhadnagy@ATCCouncil.org)

**APPLIED TECHNOLOGY COUNCIL ANNOUNCES AVAILABILITY OF  
ATC-73 REPORT, PRIORITIZED RESEARCH FOR REDUCING THE SEISMIC  
HAZARDS OF EXISTING BUILDINGS**

The Applied Technology Council (ATC) is pleased to announce the immediate availability of the ATC-73 Report, *Prioritized Research for Reducing the Seismic Hazards of Existing Buildings*. Funded by the National Science Foundation (NSF), the report was developed specifically for individuals and institutions planning to submit proposals in response to the NSF program solicitation for research using the George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES). The prioritized list of research needs is based on consensus developed during a National Earthquake Hazards Reduction Program (NEHRP) Workshop on Meeting the Challenges of Existing Buildings, conducted in San Francisco in September 2007 by ATC and the Earthquake Engineering Research Institute (EERI), with funding from the Federal Emergency Management Agency (FEMA), the National Institute of Standards and Technology (NIST), NSF, and the U. S. Geological Survey (USGS). Attendees included 85 invited participants representing a multi-disciplinary and geographically diverse stakeholder group, including researchers, practitioners, regulators, public policy interests, and product and materials representatives.

The report has been organized to provide a Strategic Plan for implementing the overall NEES Prioritized Research Program for Reducing the Seismic Hazards of Existing Buildings. The plan begins with a Vision for the research program, following by goals that support the Vision, and research needs that support the goals. Both the goals and related research needs have been prioritized by participants in the 2007 NEHRP Workshop on Meeting the Challenges of Existing Buildings.

More than 50 specific research needs were identified, grouped into categories, ranked in terms of relative importance, and assigned to one or more of the following coordinated goals, listed in order of importance:

- Goal 1: Establishment of a Coordinated Research Program
- Goal 2: Mitigation of Building Collapse Risks
- Goal 3: Advancement of Guidelines and Standards for Existing Buildings
- Goal 4: Communication of Earthquake Risks
- Goal 5: Calibration of Engineering Tools with Realistic Data
- Goal 6: Development of New Materials and New Building Systems
- Goal 7: Development of Building Investigative Technologies

Of the more than 50 research needs identified, 12 were categorized as highest priority.

Copies of the ATC-73 Report, *Prioritized Research for Reducing the Seismic Hazards of Existing Buildings* can be downloaded free of charge from the ATC web site ([www.ATCCouncil.org](http://www.ATCCouncil.org)) or purchased 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@ATCCouncil.org](mailto:ATC@ATCCouncil.org); web site & online store, [www.ATCCouncil.org](http://www.ATCCouncil.org)). Price: \$25.00 per copy (plus shipping and sales tax).

