

Current Projects (and Funding Agency) of Applied Technology Council

- ATC-20 Update: Update of ATC-20 Report on Procedures for Postearthquake Safety Evaluation of Buildings and companion ATC-20-1 Field Manual (ATC)
- ATC-39: Homeowner's Guide for Unreinforced Masonry Dwellings (ATC/IBHS)
- ATC-45i: Development of ATC-45 PDA Application (ATC)
- ATC-58-1: Development of Performance Based Seismic Design Guidelines: Phase 3 (FEMA)
- ATC-63-2/63-3: Quantification of Building System Performance and Response Parameters (FEMA)
- ATC-66-3: NETAP (National Earthquake Technical Assistance Program) Training (FEMA)
- ATC-67-4: Development and Dissemination of FEMA 154 Mobile Technology for Rapid Visual Screening of Buildings for Potential Seismic Hazards (FEMA)
- ATC-68-3: Seismic Mitigation for Existing Buildings Training Package Development, Planning, and Delivery (FEMA)
- ATC-69-2: Development of Improvements to FEMA E-74, Based on Performance of Nonstructural Components During Recent Major Foreign Earthquakes (FEMA)
- ATC-71-1: Development of Guidelines for Cost-Effective Seismic Retrofit of Weak-Story Wood-Frame Buildings (FEMA)
- ATC-71-2: Planning and Conduct of an Earthquake Building Performance Rating System Workshop (FEMA)
- ATC-71-3: Updating of the ATC-50 Simplified Seismic Assessment Procedures for Detached, Single-Family, Wood-Frame Dwellings for Nationwide Use (FEMA)
- ATC-71-4: Development of an Updated Methodology for Rapid Visual Screening of Buildings for Potential Seismic Hazards (FEMA)
- ATC-75: Development of Industry Foundation Classes (IFCs) for Structural and Nonstructural Components (Charles Pankow Foundation)
- ATC-76-2: Development of Seismic Design Guidelines for Port and Harbor Facilities (NIST)*
- ATC-78-1: Identification and Mitigation of Seismic Hazards Posed by Non-Ductile Concrete Buildings (FEMA)
- ATC-79-1: Technical Assistance and Documentation of Case Studies, FEMA Guidelines for the Design of Structures for Vertical Evacuation From Tsunamis (FEMA)
- ATC-80: An Exploratory Flood Fact Finding Mission to the Netherlands (ATC)
- ATC-81: Development of a Strategic Plan for Development of IFCs (Industry Foundation Classes) for Structural Concrete Components (Charles Pankow Foundation/National Ready Mix Concrete Foundation)
- ATC-82: Improved Procedures for Selecting and Scaling Earthquake Ground Motions for Performing Time-History Analyses (NIST)*
- ATC-83: Improved Procedures for Characterizing and Modeling Soil-Structure Interaction for Performance-Based Seismic Engineering (NIST)*

ATC-84:	Improved Structural Response Modification Factors for Seismic Design of New Buildings - Phase I (NIST)*
ATC-85/85-1:	Technical Assistance in Benchmarking Current Performance-Based Seismic Engineering Methodologies (NIST)*
ATC-86-1:	Development of Draft Methodology to Measure the Environmental Benefits of Seismic Retrofitting Using the ATC-58 Building Seismic Performance Assessment Guidelines (FEMA)
ATC-89:	Cost-Benefit Analysis of Codes and Standards for Earthquake-Resistant Construction in Selected U.S. Regions – Phase I (NIST)*
ATC-92:	Comparison of Present Chilean and U.S. Model Building Code Seismic Provisions and Seismic Design Practices (NIST)*
ATC-93:	Development of an Interim Public Database Containing Ground Motion and Building Performance Data from the 2010 Chile Earthquake (NIST)*
ATC-94:	Analysis of Seismic Performance of Reinforced Concrete Buildings in the 2010 Chile Earthquake, Including Effects of Non-Seismic-Force-Resisting Building Structural Elements (NIST)*
ATC-95:	Development of a Collapse Indicator Methodology for Existing Reinforced Concrete Buildings (NIST)*
ATC-96:	Development of a Research Plan to Establish Best-Practice Guidelines for Nonlinear Analysis, Structural Modeling, and Computer Simulation for Performance-Based Seismic Engineering (NIST)*
ATC-97:	Development of Technical Brief on Design of Reinforced Concrete Mat Foundations (RCMF) for Structures That Must Resist Inertial Effects in Earthquakes (NIST)*
ATC-98:	Evaluation of the Use of High Strength Steel Reinforcing Bars in Concrete Structures Subjected to Earthquake Ground Motion (NIST)*
ATC-99:	Development of a Methodology to Assess and Verify the Seismic Capacity of Low-Rise Buildings (FEMA)
ATC-100:	Preparation of a Research and Development Roadmap for NIST's Windstorm and Coastal Inundation Impact Reduction Program (NIST)*
TARC:	Technical Assistance and Research Contract (TARC) Subcontract (FEMA/URS)
HMTAP:	Hazard Mitigation Technical Assistance Program (HMTAP) Subcontracts (FEMA/URS; FEMA/AECOM)

*ATC/CUREE (Consortium of Universities for Research in Earthquake Engineering) joint venture project.