



Risk Management Series Publication: Design Guide for Improving School Safety in Earthquakes, Floods, and High Winds (Fema P-424 December 2010)

By Federal Emergency Management Agency U.S.

Createspace. Paperback. Condition: New. This item is printed on demand. 392 pages. Dimensions: 11.0in. x 8.5in. x 0.9in. Our society places great importance on the education system and its schools, and has a tremendous investment in current and future schools. Nearly 50 million students were expected to attend approximately 99, 000 public elementary and secondary schools in the fall of 2009, with an additional 5. 8 million expected to attend private schools. The sizes of these school facilities range from one-room rural schoolhouses to citywide and mega schools that house 5, 000 or more students. The school is both a place of learning and an important community resource and center. This publication is concerned with the protection of schools and their occupants against natural hazards. Architects and engineers deal with natural hazards in building design and construction and building codes have provisions for protection against natural hazards. This manual addresses two core concepts: multi-hazard design and performance-based design. Multi-hazard design recognizes the fundamental characteristics of hazards and how they interact, so that design for protection becomes integrated with all the other design demands; and Performance-based design suggests conducting a systematic investigation to ensure that the specific concerns of building owners and...



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