

## 1970 Uniform Building Code

Prepared by the Council on Tall Buildings and Urban Habitat of ASCE. This report examines the loads to which tall buildings are subjected so that engineers can precisely define the related structural elements that are necessary before translating a client's needs into a safe design. The report explores five different classes of loads?gravity loads and temperature affects, earthquake loads, wind loading and wind effects, fire, and accidental loads?as well as quality control and overall safety considerations.ØSteel buildings, which hold the record for height, tax the designer's ingenuity to provide adequate resistance to lateral loading. Concrete buildings are both more numerous and widely distributed, and for them vertical gravity loads may be the chief problem. Both steel and concrete buildings and lateral and vertical loads are addressed. Other subjects covered include: dead, live, cyclic snow, construction, and combined loads; code requirements; meteorological and environmental factors in design; firefighting provisions; and modeling. Contributions came from more than 800 contributors, all international and professional and heavily representing design and industrial firms. Condensed references follow each chapter, and a glossary is included.

The architect's primary source for information on designing for egress, evacuation, and life safety, Egress Design Solutions, Emergency Evacuation and Crowd Management Planning, is written by proven experts on egress issues. Meacham and Tubbs are engineers with Arup, an international firm with a stellar reputation for quality design and engineering. Their book examines egress solutions in terms of both prescriptive and performance-based code issues. A portion of the book focuses on techniques for providing egress design solutions and for coordinating egress systems with other critical life safety systems. Another part reviews historic and recent tragic life-loss fire events. As such, this is easily the most comprehensive take on the subject, written especially for architects.

The Code of Federal Regulations is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government.

Provides nationally applicable guidelines for the use of a local jurisdiction in making informed decisions on rehabilitating seismically hazardous existing buildings. Provides references on the topics discussed in the first report

Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

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