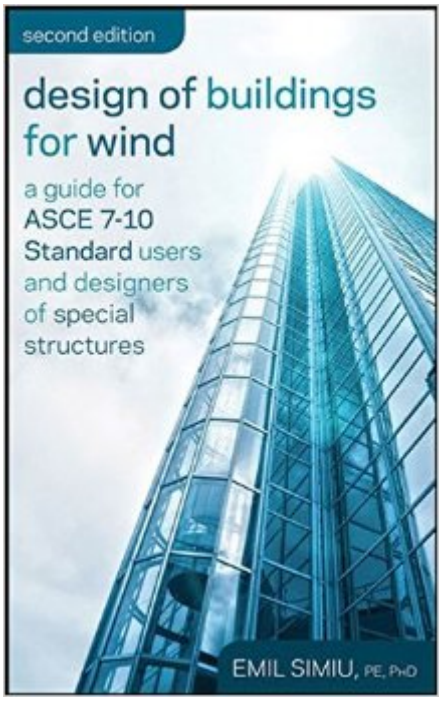
# Design Of Buildings For Wind: A Guide For ASCE 7-10 Standard Users And Designers Of Special Structures



## Synopsis

ASCE 7 is the US standard for identifying minimum design loads for buildings and other structures.Â  ASCE 7 covers many load types, of which wind isÂ one.Â  The purpose of thisÂ book is to provide structural and architectural engineers with the practical state-of-the-art knowledge and tools needed for designing and retrofitting buildings for wind loads. The book will also cover wind-induced loss estimation.Â This new editionÂ include a guide to the thoroughly revised, 2010 version of the ASCE 7 Standard provisions for wind loads; incorporate major advances achieved in recent years in the design of tall buildings for wind; present material on retrofitting and loss estimation; and improve the presentation of the material to increase its usefulness to structural engineers. Key features:  New focus on tall buildings helps make the analysis and design guidance easier and less complex.  Covers the new simplified design methods of ASCE 7-10, guiding designers to clearly understand the spirit and letter of the provisions and use the design methods with confidence and ease.  Includes new coverage of retrofitting for wind load resistance and loss estimation from hurricane winds.  Thoroughly revised and updated to conform with current practice and research.

## Book Information

Hardcover: 352 pages
Publisher: Wiley; 2 edition (October 11, 2011)
Language: English
ISBN-10: 0470464925
ISBN-13: 978-0470464922
Product Dimensions:  6.4 x 0.9 x 9.6 inches
Shipping Weight: 1.3 pounds (View shipping rates and policies)
Average Customer Review:  4.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)
Best Sellers Rank: #1,513,011 in Books (See Top 100 in Books)  #504 inÂ Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing  #1238 inÂ Books > Textbooks > Engineering > Civil Engineering  #8432 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental

## Customer Reviews

A very good reference book for wind design. Mostly refer to the main ASCE7 text and repeat the same material, and I think it may not be an excellent reference for the practical engineers. But for those who try to get more involved in wind design theory for building structures, definitely this book

is a very good reference.



Design of Buildings for Wind: A Guide for ASCE 7-10 Standard Users and Designers of Special Structures Wind Loads: Guide to the Wind Load Provisions of ASCE 7-10 Design Loads on Structures during Construction (Standard ASCE/SEI 37 -14) Designers' Guide to Eurocode 8: Design of Bridges for Earthquake Resistance (Designers' Guide to Eurocodes) Seismic Design of Piers and Wharves: (Standard ASCE/Copri 61-14) ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) Ron Bacardi y Compania, S. A., Administration Building (Cuba) & Other Buildings & Projects (Cuba and Other Buildings and Projects) Wind Power Basics: The Ultimate Guide to Wind Energy Systems and Wind Generators for Homes Cash in the Wind: How to Build a Wind Farm using Skystream and 442SR Wind Turbines for Home Power Energy Net-Metering and Sell Electricity Back to the Grid Fabrics: A Guide for Interior Designers and Architects (Norton Professional Books for Architects & Designers) Wind and Earthquake Resistant Buildings: Structural Analysis and Design (Civil and Environmental Engineering) Seismic Design Using Structural Dynamics (2006 IBC, 2009 IBC, ASCE/SEI 7-05) CodeMaster - Seismic Design (2012 IBC / ASCE 7-10) CodeMaster - Seismic Design Category [2012 IBC / ASCE 7-10] (CodeMasters) Small Buildings, Small Gardens: Creating Gardens Around Structures Design and Analysis of Composite Structures: With Applications to Aerospace Structures Seismic Loads: Guide to the Seismic Load Provisions of ASCE 7 - 10 Seismic Loads: Guide to the Seismic Load Provisions of ASCE 7-05 Wind Resource Assessment: A Practical Guide to Developing a Wind Project Wind Power Guide - how to use wind energy to generate power (OneToRemember Energy Guides Book 1)