

# Wind Loading of Structures, Third Edition (Paperback)

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# Reviews

A top quality publication along with the font used was intriguing to read. I really could comprehended everything using this written e ebook. Its been designed in an remarkably straightforward way and it is only after i finished reading through this publication by which basically altered me, modify the way i believe. (Cathrine Larkin Sr.)

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# WIND LOADING OF STRUCTURES, THIRD EDITION (PAPERBACK)



Taylor Francis Ltd, United Kingdom, 2017. Paperback. Condition: New. 3rd New edition. Language: English . Brand New Book. A Definitive Up-to-Date Reference Wind forces from various types of extreme wind events continue to generate ever-increasing damage to buildings and other structures. Wind Loading of Structures, Third Edition fills an important gap as an information source for practicing and academic engineers alike, explaining the principles of wind loads on structures, including the relevant aspects of meteorology, bluff-body aerodynamics, probability and statistics, and structural dynamics. Written in Line with International Standards Among the unique features of the book are its broad view of the major international codes and standards, and information on the extreme wind climates of a large number of countries of the world. It is directed towards practicing (particularly structural) engineers, and academics and graduate students. The main changes from the earlier editions are: Discussion of potential global warming effects on extreme eventsMore discussion of tornados and tornado-generated damageA rational approach to gust durations for structural designExpanded considerations of wind-induced fatigue damageConsideration of aeolian vibrations of suspended transmission linesExpansion of the sections on the cross-wind response of tall slender structuresSimplified approaches to wind loads on porous industrial, mining, and oil/gas structuresA more general discussion of formats in wind codes and standards Not dedicated to a specific code or standard, Wind Loading of Structures, Third Edition highlights the general format and procedures related to all major codes and standards, addresses structures of various types, and presents you with topics not typically covered in traditional texts such as internal pressures, fatigue damage by wind forces, and equivalent static wind load distributions.

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