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Altri autori (Persone)	CoulbourneWilliam L
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Note generali	Revision of: Wind loads : guide to the wind load provisions of ASCE 7-05 / Kishor C. Mehta, William L. Coulbourne, copyrighted in 2010.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction; Wind Load Provisions; Wind Speeds and Related Tasks; 160-ft-Tall Office Building; Commercial/Warehouse Metal Building; Commercial Building with Concrete Masonry Unit Walls; Commercial Building with Monoslope Roof and Overhang; L-Shaped House with Gable/Hip Roof; U-Shaped Apartment Building; Open Building with Gable Roof; Domed Roof Building; Unusually Shaped Building; Billboard Sign on Flexible Poles; Frequently Asked Questions; References; Back Matter
Sommario/riassunto	This helpful guide focuses on the wind load provisions of Minimum Design Loads for Buildings and Other Structures, Standard ASCE/SEI 7-10, that affect the planning, design, and construction of buildings for residential and commercial purposes. The 2010 revision of the Standard significantly reorganized the wind load provisions, expanding them from one to six chapters. Simplified methods of performing calculations for common situations were added to the Standard, and guidelines for components and cladding were gathered in a single chapter. Wind Loads provides users with tools and insight to apply the Standard in everyday practice. This revised and updated guide

introduces readers to the relevant sections of the Standard and provides a comprehensive overview of the design procedures and the new wind speed maps. Ten chapters with 14 worked examples demonstrate the appropriate use of analytical and simplified procedures for calculating wind loads for a variety of common structure types. The guide also answers more than 30 frequently asked questions, grouped by topic. This book is an essential reference for practicing structural engineers, as it offers the most authoritative and in-depth interpretation of the wind loads section of Standard ASCE/SEI 7-10.

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