Record Nr. UNINA9910826663203321 **Titolo** Wind and the built environment: U.S. needs in wind engineering and hazard mitigation Pubbl/distr/stampa Washington, D.C., : National Academy Press, 1993 **ISBN** 1-280-20394-3 9786610203949 0-309-57275-4 0-585-02881-8 Edizione [1st ed.] Descrizione fisica 1 online resource (144 p.) Disciplina 624.1/76 Soggetti Wind resistant design - United States Wind-pressure Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "Panel on the Assessment of Wind Engineering Issues in the United Note generali States, Committee on Natural Disasters, Commission on Engineering and Technical Systems, National Research Council." Nota di bibliografia Includes bibliographical references (p. 114-128). ""WIND AND THE BUILT ENVIRONMENT""; ""Copyright""; Nota di contenuto ""Acknowledgments""; ""Preface""; ""Contents""; ""Acronym List""; ""Executive Summary""; ""RECOMMENDATION""; ""INTRODUCTION""; ""WIND LOSSES: A PERSPECTIVE""; ""LOOKING AHEAD""; ""CREATING A NATIONAL WIND SCIENCE AND ENGINEERING PROGRAM"": ""1 Wind Hazards and Related Issues""; ""THE POWER OF WIND""; ""WIND ENGINEERING""; ""THE CRITICAL ROLE OF STRUCTURES""; ""WIND-INDUCED LOSSES: VICTIMS AND COSTS""; ""WHAT DOES THE FUTURE HOLD?""; ""THE CRITICAL ROLE OF DESIGN STANDARDS, CODES, CODE ENFORCEMENT, AND PLANNING REGULATIONS"" ""STRATEGIES AND INCENTIVES"""2 The Nature of Wind""; ""A WIND PRIMER""; ""The Near-Surface Wind""; ""The Wind Climatology of the United States""; ""Thunderstorms""; ""Outflows""; ""Downbursts and Microbursts""; ""Tornadoes""; ""Extratropical Cyclones""; ""Tropical Cvclones"": ""IMPROVING THE WIND CLIMATOLOGY OF THE UNITED STATES""; ""EXPANDING THE WIND-ENGINEERING DATA BASE""; ""RECOMMENDATIONS""; ""Measurements of Extreme Wind Speeds""; ""Extreme Wind Climatology""; ""3 Wind-Engineering Research Needs"";

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