Record Nr. UNINA9910827452903321 Autore Simonovic Slobodan P Titolo Systems approach to management of disasters: methods and applications / / Slobodan P. Simonovic Hoboken, NJ,: Wiley, 2010 Pubbl/distr/stampa **ISBN** 1-118-09778-5 1-282-81692-6 9786612816925 1-61344-883-X 0-470-89036-3 0-470-89035-5 Edizione [1st ed.] Descrizione fisica 1 online resource (348 p.) 65 Classificazione 363.34/52 Disciplina Soggetti **Emergency management** System analysis Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. SYSTEMS APPROACH TO MANAGEMENT OF DISASTERS: Contents: List of Nota di contenuto Figures and Tables; About the Author; Foreword; Preface; List of Acronyms and Abbreviations: I MANAGEMENT OF DISASTERS: II SYSTEMS ANALYSIS FOR INTEGRATED MANAGEMENT OF DISASTERS: III IMPLEMENTATION OF SYSTEMS ANALYSIS TO MANAGEMENT OF DISASTERS: IV BE PREPARED: Index: Color Plate Sommario/riassunto The main goal of this text is to introduce the systems approach to disasters management community as an alternative approach that can provide support for interdisciplinary activities involved in the management of disasters. The systems approach draws on the fields of operations research and economics to create skills in solving complex management problems. The text is organized into four parts. Part I provides an introductory discussion of disaster management including an overview of the main terms used. Part II is devoted to the introduction of systems theory, mathematical formalization and