Record Nr. UNINA9911004713803321 Autore Geberemariam Thewodros **Titolo** Resilient Urban Drainage System Strategies for Extreme Weather: Design for the New Normal Pubbl/distr/stampa Chicago:,: J. Ross Publishing, Incorporated,, 2024 ©2024 **ISBN** 9781604278583 9781604272048 Edizione [1st ed.] Descrizione fisica 1 online resource (300 pages) Disciplina 363.72/84 Urban runoff Soggetti City planning - Climatic factors Urban runoff - Management Flood damage prevention Climatic changes - Risk management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Intro -- CONTENTS -- PREFACE -- ABOUT THE AUTHOR -- WAV Page Nota di contenuto -- CHAPTER 1: PURPOSE AND SCOPE -- CHAPTER 2: EXTREME WEATHER DUE TO CLIMATE CHANGE -- CHAPTER 3: FUNDAMENTALS OF URBAN DRAINAGE CONVENIENCE SYSTEMS -- CHAPTER 4: RESETTING URBAN DRAINAGE SYSTEM DESIGN CRITERIA FOR THE "NEW NORMAL --CHAPTER 5: SUPPLEMENTING URBAN DRAINAGE SYSTEM DESIGN CRITERIA TO ACCOMMODATE THE "NEW NORMAL" -- CHAPTER 6: EVALUATING CRITICAL DRAINAGE INFRASTRUCTURE'S RESILIENCE TO EXTREME WEATHER. Sommario/riassunto "This groundbreaking book, authored by a leading expert in the field, delves into the crucial intersection of urban planning, climate resilience, and infrastructure design. It navigates the complexities of adapting drainage systems to cope with the increasing frequency and intensity of extreme weather events. From torrential downpours to rising sea levels, the book offers innovative solutions tailored to the unique challenges faced by urban environments in the 21st century"--