Record Nr. UNINA9910877502003321 CBRN protection: managing the threat of chemical, biological, **Titolo** radioactive and nuclear weapons / / edited by Andre Richardt ... [et al.] Pubbl/distr/stampa Weinheim, Germany, : Wiley-VCH Verlag, c2013 **ISBN** 3-527-65016-4 3-527-65019-9 3-527-65018-0 Descrizione fisica 1 online resource (515 p.) Altri autori (Persone) RichardtAndre Disciplina 363.325350973 Soggetti Chemical terrorism - United States Bioterrorism - United States Nuclear terrorism - United States Chemical terrorism - United States - Prevention Bioterrorism - United States - Prevention Nuclear terrorism - United States - Prevention Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references at the end of each chapters and index. CBRN Protection; Contents; Foreword; Preface; About the Editors; List of Nota di contenuto Contributors; Part I History and Treaties in CBRN - Warfare and Terrorism; 1 A Glance Back - Myths and Facts about CBRN Incidents; 1.1 Introduction; 1.2 History of Chemical Warfare; 1.2.1 Chemical Warfare Agents in Ancient Times; 1.2.2 Birth of Modern Chemical Warfare Agents and Their Use in World War I: 1.2.3 Chemical Warfare Agents between the Two World Wars; 1.2.3.1 The Italian-Ethiopian War; 1.2.3.2 Japanese Invasion of China; 1.2.3.3 First Nerve Agents; 1.2.4 Chemical Warfare Agents in World War II 1.2.5 Chemical Warfare Agents during the Cold War1.2.6 Chemical Warfare Agents Used in Terrorism; 1.2.7 Conclusions and Outlook; 1.3 Introduction to Biological Warfare; 1.3.1 Most Harmful Pandemics in History; 1.3.2 Biological Warfare Agents in Ancient Times BC; 1.3.3 Biological Warfare Agents in the Middle Ages to World War I; 1.3.4 From

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This introductory text covers all angles, leading readers from the scientific basics to both ""old"" and ""new"" threats from NBC weapons and agents prepared by noncombatant forces, including terrorist organizations. After a look at the history of NBC weapons and their international control, the three classes of nuclear/radiological, biological, and chemical weapons are introduced, focusing on agents and delivery vehicles. There follows an explanation of current methods for the rapid detection of NBC agents and the principles of physical protection of humans and structures. The final parts add