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Nota di contenuto	FrontMatter -- Preface -- Contents -- URBAN TERRORISM -- Analysis of the Threats and Consequences of Terrorist Acts in Urban Settings: Outline of a Protection System--Vladimir Z. Dvorkin -- Urban Security and September 11, 2001, in New York City: Projection of Threats onto a City as a Target and Measures to Avert Them or Minimize Their Impact--George Bugliarello -- Lessons Learned from the Nord-Ost Terrorist Attack in Moscow from the Standpoint of Russian Security and Law Enforcement Agencies--Yevgeny A. Kolesnikov -- Preventing Catastrophic Consequences of Bioterrorism in an Urban Setting-- Vladimir G. Ivkov and Yevgeny A. Permyakov -- Toxic Chemicals and

Explosive Materials: Terrorism-Related Issues for the Research Community, Chemical Industry, and Government--Alexander MacLachlan -- The Role of the Russian Ministry of Internal Affairs in Combating Terrorism in Urban Conditions--Sergey A. Starostin -- The Three R's: Lessons Learned from September 11, 2001--Robert Prieto -- The Role of the Russian Ministry of Emergency Situations and Executive Branch Agencies of the City of Moscow in Dealing with Emergency Situations Arising from Acts of Terrorism--Aleksandr M. Yeliseev -- CYBERTERRORISM -- A Perspective on Cybersecurity Research in the United States--Wm. A. Wulf and Anita K. Jones -- Analysis of the Threat of Cyberattacks to Major Transportation Control Systems in Russia--Mikhail B. Ignatyev -- Cyberattacks as an Amplifier in Terrorist Strategy--Lewis M. Branscomb -- Cybercrime and Cyberterrorism--Mikhail P. Sychev -- Protecting Bank Networks from Acts of Computer Terrorism--Boris I. Skorodumov -- Computer Security Training for Professional Specialists and Other Personnel Associated with Preventing and Responding to Computer Attacks--Anatoly A. Malyuk, Nikolai S. Pogozhin, and Aleksey I. Tolstoy.

Information Assurance Education in the United States--Anita K. Jones -- Technical Protection of Electronic Documents in Computer Systems--Valery A. Konyavsky -- Certain Aspects Regarding the Development of Conditions Favorable to Cyberterrorism and the Main Areas of Cooperation in the Struggle Against It--Igor A. Sokolov and Vladimir I. Budzko -- PAPERS PRESENTED TO THE NRC AND RAS COMMITTEES -- Problems of Combating Terrorism and Possible Areas for Russian-American Scientific Cooperation to Resolve Them -- Valentin A. Sobolev -- Making the Nation Safer: The Role of Science and Technology in Countering Terrorism- A Report of the U.S. National Academies--Lewis M. Branscomb -- International Aspects of Creating a State System for Countering the Illegal Circulation of Radioactive Materials in the Russian Federation--Vladimir M. Kutsenko -- Medical Aspects of Combating Acts of Bioterrorism--Gennady G. Onishchenko -- Roots of Terrorism--Robert McC. Adams -- The Department of Homeland Security: Background and Challenges--Raphael Perl -- APPENDIXES -- APPENDIX A--Agendas -- APPENDIX B--Annex 2 To the Agreement of Cooperation in Science, Engineering, and Medicine Between the Russian Academy of Sciences and the U.S. National Academies--Russian-American Cooperation in Counterterrorism -- APPENDIX C--Comprehensive Training of Specialists to Counter Information Security Threats--Nikolai V. Medvedev -- APPENDIX D-- Excerpts from "Bioterrorism: A National and Global Threat"--Gennady G. Onishchenko -- APPENDIX E--Biological Terrorism--Russ Zajtchuk and David Franz -- APPENDIX F--Top-Priority Problems for Scientific Research on the Information Security of the Russian Federation -- APPENDIX G--Proposal for a Chem-Bio Attack Response Center (CBARC) for Chicago, Illinois, U.S., 2003--Russ Zajtchuk, M.D., and Joe Petrovic.

Sommario/riassunto

This book is devoted primarily to papers prepared by American and Russian specialists on cyber terrorism and urban terrorism. It also includes papers on biological and radiological terrorism from the American and Russian perspectives. Of particular interest are the discussions of the hostage situation at Dubrovko in Moscow, the damage inflicted in New York during the attacks on 9/11, and Russian priorities in addressing cyber terrorism.

2. Record Nr.	UNINA9910960212803321
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Nota di contenuto	GLOBAL ENVIRONMENTAL CHANGE -- Copyright -- Preface -- Contents -- Summary -- HUMAN CAUSES OF GLOBAL CHANGE -- HUMAN CONSEQUENCES OF GLOBAL CHANGE -- PROBLEMS OF THEORY AND METHOD -- DATA NEEDS -- HUMAN RESOURCES AND ORGANIZATIONAL REQUIREMENTS -- RECOMMENDATIONS FOR A NATIONAL RESEARCH PROGRAM -- 1 Prologue -- THREE GLOBAL CHANGES -- GREENHOUSE GASES AND CLIMATE CHANGE --

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Sommario/riassunto

Global environmental change often seems to be the most carefully examined issue of our time. Yet understanding the human side--human causes of and responses to environmental change--has not yet received sustained attention. Global Environmental Change offers a strategy for combining the efforts of natural and social scientists to better understand how our actions influence global change and how global change influences us. The volume is accessible to the nonscientist and provides a wide range of examples and case studies. It explores how the attitudes and actions of individuals, governments, and organizations intertwine to leave their mark on the health of the planet. The book focuses on establishing a framework for this new field of study, identifying problems that must be overcome if we are to deepen our understanding of the human dimensions of global change, presenting conclusions and recommendations.
