

1. Record Nr.	UNINA9910254632103321
Autore	Hafemeister David
Titolo	Nuclear Proliferation and Terrorism in the Post-9/11 World // by David Hafemeister
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-25367-0
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXIV, 434 p. 52 illus., 35 illus. in color.)
Disciplina	327.174
Soggetti	Science—Social aspects System safety Nuclear energy Energy policy Energy and state International humanitarian law Societal Aspects of Physics, Outreach and Education Security Science and Technology Nuclear Energy Energy Policy, Economics and Management International Humanitarian Law, Law of Armed Conflict
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1 History of the Atomic Age -- 2 Nuclear Weapons -- 3 Nuclear Reactors and Radiation -- 4 Missiles and War Games -- 5 Ballistic Missile Defense -- 6 Verification and Arms Control Treaties -- 7 Winding Down the Cold War -- 8 Nuclear Proliferation -- 9 Proliferation Technologies -- 10 Proliferated States -- 11 Nuclear Testing and the NPT -- 12 Terrorism -- 13 Nuclear Terrorism -- 14 Cyber Terrorism -- 15 Biological and Chemical Weapons -- A Reflections on Nuclear Arms Control -- B Reflections on Nuclear Proliferation -- C Glossary -- D Index. .
Sommario/riassunto	This book fills a clear gap in the literature for a technically-focused book covering nuclear proliferation and related issues post-9/11.

Using a concept-led approach which serves a broad readership, it provides detailed overview of nuclear weapons, nuclear proliferation and international nuclear policy. The author addresses topics including offensive and defensive missile systems, command and control, verification, weapon effects, and nuclear testing. A chronology of nuclear arms is presented including detailed discussion of the Cold War, proliferation, and arms control treaties. The book is tailored to courses on nuclear proliferation, and the general reader will also find it a fascinating introduction to the science and strategy behind international nuclear policy in the modern era. "Finally, a spritely, accessible overview of the nuclear world in historical context from someone who has both seen it from the U.S. State Department and Congressional policy trenches and taught it for 43 years. A gift to both concerned citizens and interested students." Frank von Hippel, Prof. Public and International Affairs (emeritus), Princeton University "The threat of nuclear weapons has been with the world community for a long time. Global destruction was narrowly avoided three or four times or more during the Cold War with the use of such weapons remaining an immediate threat in some parts of the world... David Hafemeister's outstanding new book provides the reader this essential review of the threat, taking into account its many manifestations in a careful and thorough way. It should not be missed." Thomas Graham, Jr., former Special Representative of the President for Arms Control and Non-proliferation "Hafemeister's Nuclear Proliferation and Terrorism contains a wealth of information about nuclear and other weapons of mass destruction. The reader – whether professionally involved with these weapons or a citizen seeking to become better informed – will come away with a sober appreciation of the dangers, and with increased insight into how the world seeks to eliminate them." Pierce Corden, former Admin. Exec. Officer, Comprehensive Nuclear-Test-Ban Treaty Commission "For more than 70 years since August 9, 1945, nuclear weapons have not been detonated in war, and terrorists have yet to acquire these weapons. Will humanity be so fortunate for the next 70 years? To learn what can and should be done to further reduce the risks of these and other dangers, read David Hafemeister's excellent book." Charles D. Ferguson, President, Federation of American Scientists.

---