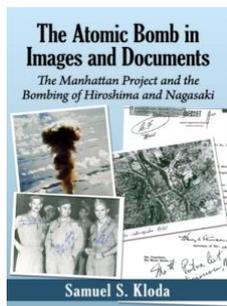


Atomic Bomb in Images and Documents



v měkké vazbě, 221 stran
vyd. McFarland & Co Inc, II/2022
ISBN 9781476684888

katalog.cena 1.660 Kč vč.DPH
v této nabídce **1.245 Kč** vč.DPH

Samuel S. Kloda spent more than 40 years meeting with the scientists who built the first atomic bombs, and the crews that delivered them to Hiroshima and Nagasaki. Those conversations encouraged him to search archives throughout the U.S.

Newly unearthed documents were brought to former members of the Manhattan Project or the 509th Composite Group, who were always willing to autograph and recount the details of these artifacts. Most of the major books on the Manhattan Project were published before 1973. In the years that followed, newly declassified documents became available and showed that many authors had included huge inaccuracies.

Richly illustrated with important documents and photographs, Kloda's chronicle of the dawn of the atomic age sets the record straight on one of the greatest scientific advancements of all time. Readers will see how a single letter from Albert Einstein to President Franklin Roosevelt in 1939 led to the formation of the Advisory Committee on Uranium and, within six years, to the secret Manhattan Project employing more than 100,000 men and women.

Cyber Threats and Nuclear Weapons



v měkké vazbě, 216 stran
vyd. Stanford University Press, X/2021
ISBN 9781503630390

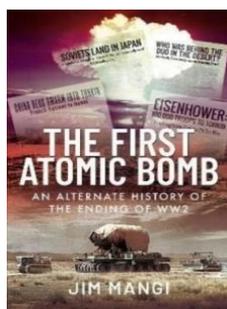
katalog.cena 680 Kč vč.DPH
v této nabídce **510 Kč** vč.DPH

The technology controlling United States nuclear weapons predates the Internet. Updating the technology for the digital era is necessary, but it comes with the risk that anything digital can be hacked. Moreover, using new systems for both nuclear and non-nuclear operations will lead to levels of nuclear risk hardly imagined before.

This book is the first to confront these risks comprehensively. With *Cyber Threats and Nuclear Weapons*, Herbert Lin provides a clear-eyed breakdown of the cyber risks to the U.S. nuclear enterprise.

Featuring a series of scenarios that clarify the intersection of cyber and nuclear risk, this book guides readers through a little-understood element of the risk profile that government decision-makers should be anticipating. What might have happened if the Cuban Missile Crisis took place in the age of Twitter, with unvetted information swirling around? What if an adversary announced that malware had compromised nuclear systems, clouding the confidence of nuclear decision-makers? *Cyber Threats and Nuclear Weapons*, the first book to consider cyber risks across the entire nuclear enterprise, concludes with crucial advice on how government can manage the tensions between new nuclear capabilities and increasing cyber risk. This is an invaluable handbook for those ready to confront the unique challenges of cyber nuclear risk.

First Atomic Bomb: Alternate History of Ending of WW2



v pevné vazbě, 248 stran
vyd. Frontline Books, V/2022
ISBN 9781399009812

katalog.cena 820 Kč vč.DPH
v této nabídce **615 Kč** vč.DPH

While German and Japanese scientists also laboured unsuccessfully to create an atomic bomb, by the summer of 1945, the American-led team was ready to test its first weapon. As the clock ticked down to the detonation time of 05.30 hours on 16 July 1945, the nervous team of technicians and scientists waited ten miles away from Ground Zero' deep in the New Mexico desert. No one knew how powerful the explosion would be or whether even at such a distance they would be safe from the blast.

Even so, some chose to observe the detonation from a point four miles nearer at the control bunker; but then no one was even sure that the bomb would work. What if that is actually what happened? Under schedule pressure from the White House, the scientists assembled the device in part with tape and tissue paper, knowing some components were flawed. These are verifiable facts.

It means that, as many of those who gathered in the New Mexico desert feared at the time, the bomb might not have worked during that first test. In *The First Atomic Bomb*, Jim Mangi explores what might happened in the event that the world's first atomic bomb had not been ready for use when it was. How would this have affected the end of the war in the Pacific, and indeed the Second World War as a whole? Would Emperor Hirohito's armed forces have battled on? When might Colonel Paul W.

Hegemon's Tool Kit



v pevné vazbě, 240 stran
vyd. Cornell University Press, VI/2022
ISBN 9781501764851

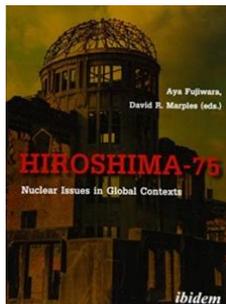
katalog.cena 1.400 Kč vč.DPH
v této nabídce **1.050 Kč** vč.DPH

At a moment when the nuclear nonproliferation regime is under duress, Rebecca Davis Gibbons provides a trenchant analysis of the international system that has, for more than fifty years, controlled the spread of these catastrophic weapons. The *Hegemon's Tool Kit* details how that regime works and how, disastrously, it might falter. In the early nuclear age, experts anticipated that all technologically-capable states would build these powerful devices.

That did not happen. Widespread development of nuclear arms did not occur, in large part, because a global nuclear nonproliferation regime was created. By the late-1960s, the United States and the Soviet Union had drafted the Treaty on the Non-Proliferation of Nuclear Weapons (NPT), and across decades the regime has expanded, with more agreements and more nations participating.

As a result, in 2022, only nine states possess nuclear weapons. Why do most states in the international system adhere to the nuclear nonproliferation regime? The answer lies, Gibbons asserts, in decades of painstaking efforts undertaken by the US government. As the most powerful state during the nuclear age, the United States had many tools with which to persuade other states to join or otherwise support nonproliferation agreements

Hiroshima-75 - Nuclear Issues in Global Contexts

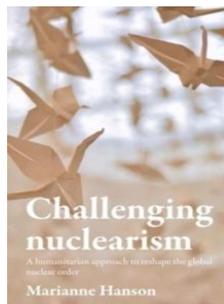


v měkké vazbě, 302 stran
vyd. ibidem-Verlag, Jessica Haunschild
u Christian Schon, XII/2021
ISBN 9783838213989

katalog.cena 1.080 Kč vč.DPH
v této nabídce **810 Kč** vč.DPH

75 years after the United States dropped the world's first atomic bombs on the Japanese cities of Hiroshima and Nagasaki, a group of international scholars offers new perspectives on this event and the history, development, and portrayal of the utilization of atomic energy: in military and civilian industries, civil nuclear power, literature and film, and the contemporary world. What lessons have we learned since the end of the Second World War? Can we avoid disasters such as Chernobyl and Fukushima? Have we learned to live with man-made nuclear power in the 21st century?

Challenging Nuclearism



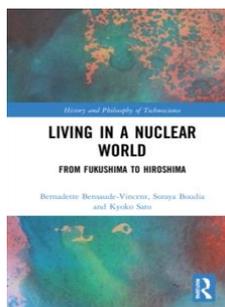
v pevné vazbě, 280 stran
vyd. Manchester University Press, VI/2022
ISBN 9781526165091

katalog.cena 2.600 Kč vč.DPH
v této nabídce **1.950 Kč** vč.DPH

Challenging nuclearism explores how a deliberate 'normalisation' of nuclear weapons has been constructed, why it has prevailed in international politics for over seventy years and why it is only now being questioned seriously. The book identifies how certain practices have enabled a small group of states to hold vast arsenals of these weapons of mass destruction and how the close control over nuclear decisions by a select group has meant that the humanitarian consequences of nuclear weapons have been disregarded for decades. The recent UN Treaty on the Prohibition of Nuclear Weapons will not bring about quick disarmament.

It has been decreed by the nuclear weapon states. But by rejecting nuclearism and providing a clear denunciation of nuclear weapons, it will challenge nuclear states in a way that has until now not been possible. Challenging nuclearism analyses the origins and repercussions of this pivotal moment in nuclear politics.

Living in Nuclear World: From Fukushima to Hiroshima



v pevné vazbě, 330 stran
vyd. Taylor & Francis Ltd, III/2022
ISBN 9781032130637

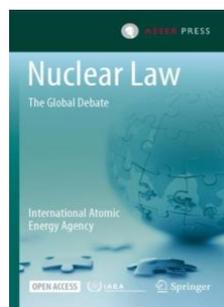
katalog.cena 3.900 Kč vč.DPH
v této nabídce **2.925 Kč** vč.DPH

The Fukushima disaster invites us to look back and probe how nuclear technology has shaped the world we live in, and how we have come to live with it. Since the first nuclear detonation (Trinity test) and the bombings of Hiroshima and Nagasaki, all in 1945, nuclear technology has profoundly affected world history and geopolitics, as well as our daily life and natural world. It has always been an instrument for national security, a marker of national sovereignty, a site of technological innovation and a promise of energy abundance.

It has also introduced permanent pollution and the age of the Anthropocene. This volume presents a new perspective on nuclear history and politics by focusing on four interconnected themes-violence and survival; control and containment; normalizing through denial and presumptions; memories and futures-and exploring their relationships and consequences. It proposes an original reflection on nuclear technology from a long-term, comparative and transnational perspective.

It brings together contributions from researchers from different disciplines (anthropology, history, STS) and countries (US, France, Japan) on a variety of local, national and transnational subjects. Finally, this book offers an important and valuable insight into other global and Anthropocene challenges such as climate change.

Nuclear Law: Global Debate



v měkké vazbě, 333 stran
vyd. T.M.C. Asser Press, XII/2021
ISBN 9789462654976

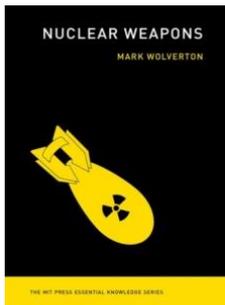
katalog.cena 1.100 Kč vč.DPH
v této nabídce **825 Kč** vč.DPH

This open access book traces the journey of nuclear law: its origins, how it has developed, where it is now, and where it is headed. As a discipline, this highly specialized body of law makes it possible for us to benefit from the life-saving applications of nuclear science and technology, including diagnosing cancer as well as avoiding and mitigating the effects of climate change. This book seeks to give readers a glimpse into the future of nuclear law, science and technology.

It intends to provoke thought and discussion about how we can maximize the benefits and minimize the risks inherent in nuclear science and technology. This compilation of essays presents a global view in discipline as well as in geography. The book is aimed at representatives of governments-including regulators, policymakers and lawmakers-as well representatives of international organizations and the legal and insurance sectors.

It will be of interest to all those keen to better understand the role of law in enabling the safe, secure, and peaceful use of nuclear technology around the world. The contributions in this book are written by leading experts, including the IAEA's Director General, and discuss the four branches of nuclear law-safety, security, safeguards and nuclear liability-and the interaction of nuclear law with other fields of national and international law.

Nuclear Weapons



v měkké vazbě, 264 stran
vyd. MIT Press, II/2022
ISBN 9780262543316

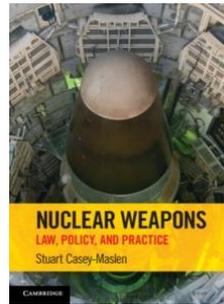
katalog.cena 460 Kč vč.DPH
v této nabídce **345 Kč** vč.DPH

A primer on nuclear weapons, from the science of fission and fusion to the pursuit of mutual assured destruction, the SALT treaties, and the Bomb in pop culture.

Although the world's attention has shifted to drone-controlled bombing and cyberwarfare, the threat of nuclear war still exists. There are now fourteen thousand nuclear weapons in the hands of the nine declared nuclear powers. Even though the world survived the Cold War, we need to understand what it means to live with nuclear weapons. In this volume in the MIT Press Essential Knowledge series, Mark Wolverton offers a primer on nuclear weapons, from the science of fission and fusion to the pursuit of mutual assured destruction, the SALT and START agreements, and the Bomb in pop culture.

Wolverton explains the basic scientific facts, offers historical perspective, and provides a nuanced view of the unique political, social, and moral dilemmas posed by nuclear weapons. He describes the birth of the Bomb in 1945 and its use against the Japanese cities of Hiroshima and Nagasaki; explains how a nuclear bomb works; recounts episodes when the world came close to waging nuclear war, including the Cuban missile crisis in 1962; discusses nuclear policy and nuclear treaties; and traces the influence of such films as *On the Beach*, *Dr. Strangelove*, and *The Day After*.

Nuclear Weapons: Law, Policy and Practice



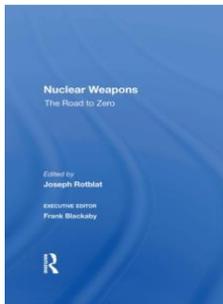
v měkké vazbě, 450 stran
vyd. Cambridge University Press, XI/2022
ISBN 9781009018661

katalog.cena 1.300 Kč vč.DPH
v této nabídce **975 Kč** vč.DPH

A new nuclear arms race is underway between Russia and the United States, one that focuses on the technology of delivery of nuclear warheads. This book describes how and why this race is happening, who still possesses nuclear weapons, and what constraints apply to those weapons under international law. A global nuclear ban treaty entered into force in January 2021, but the nuclear powers kept distant.

The last remaining treaty restraining the arsenals of the two nuclear superpowers will expire in less than five years' time and the risk is that other States will turn to nuclear arms for their defence, further fracturing the non-proliferation regime installed after the Cuban missile crisis.

Nuclear Weapons: Road to Zero



v pevné vazbě, 344 stran
vyd. Routledge, XI/2021
ISBN 9780367010515

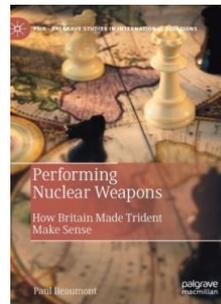
katalog.cena 3.720 Kč vč.DPH
v této nabídce **2.790 Kč** vč.DPH

This volume of essays, a map of the road to zero, gives the reader a primer on the current state of nuclear disarmament, provides an up-to-date argument for the merits of a nuclear-weapon-free world, and outlines the steps needed to attain that goal. Its editor is Joseph Rotblat, the 1995 Nobel Peace Prize winner. The volume assesses recent efforts by scholars, military leaders, and political figures in advocating the elimination of nuclear weapons.

It brings to focus the major dilemmas of disarmament, including verification, nuclear theft, and diplomatic and security issues; and argues for why these obstacles must be overcome. Finally, a comprehensive review of the steps needed to achieve a nuclear-weapon-free world is presented. Over the past decade the concept of a world free of all nuclear weapons has transformed from a fanciful dream to a subject of serious study and action.

Will it be possible for the international community to agree not simply to reduce the number of nuclear weapons to low levels, but to reduce it to zero? This volume of essays, a map of the road to zero, gives the reader a primer on the current state of nuclear disarmament, provides an up-to-date argument for the merits of a nuclear-weapon-free world, and outlines the steps needed to attain that goal. Its editor is Joseph Rotblat, the 1995 Nobel Peace Prize winner. The volume assesses recent efforts by scholars, military leaders, and political figures to advocate the elimination of nuclear weapons.

Performing Nuclear Weapons



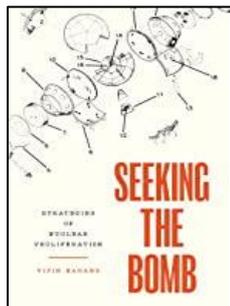
v pevné vazbě, 242 stran
vyd. Springer Nature Switzerland AG,
VII/2021
ISBN 9783030675752

katalog.cena 3.260 Kč vč.DPH
v této nabídce **2.445 Kč** vč.DPH

This book investigates the UK's nuclear weapon policy, focusing in particular on how consecutive governments have managed to maintain the Trident weapon system. The question of why states maintain nuclear weapons typically receives short shrift: its security, of course. The international is a perilous place, and nuclear weapons represent the ultimate self-help device.

This book seeks to unsettle this complacency by re-conceptualizing nuclear weapon-armed states as nuclear regimes of truth and refocusing on the processes through which governments produce and maintain country-specific discourses that enable their continued possession of nuclear weapons. Illustrating the value of studying nuclear regimes of truth, the book conducts a discourse analysis of the UK's nuclear weapons policy between 1980 and 2010. In so doing, it documents the sheer imagination and discursive labour required to sustain the positive value of nuclear weapons within British politics, as well as providing grounds for optimism regarding the value of the recent treaty banning nuclear weapons.

Seeking Bomb: Strategies of Nuclear Proliferation



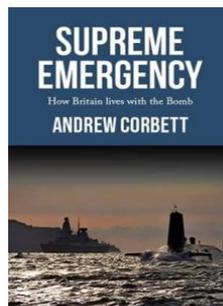
v měkké vazbě, 400 stran
vyd. Princeton University Press, I/2022
ISBN 9780691172620

katalog.cena 820 Kč vč.DPH
v této nabídce **615 Kč** vč.DPH

The first systematic look at the different strategies that states employ in their pursuit of nuclear weapons. Much of the work on nuclear proliferation has focused on why states pursue nuclear weapons. The question of how states pursue nuclear weapons has received little attention. Seeking the Bomb is the first book to analyze this topic by examining which strategies of nuclear proliferation are available to aspirants, why aspirants select one strategy over another, and how this matters to international politics.

Looking at a wide range of nations, from India and Japan to the Soviet Union and North Korea to Iraq and Iran, Vipin Narang develops an original typology of proliferation strategies—hedging, sprinting, sheltered pursuit, and hiding. Each strategy of proliferation provides different opportunities for the development of nuclear weapons, while at the same time presenting distinct vulnerabilities that can be exploited to prevent states from doing so. Narang delves into the crucial implications these strategies have for nuclear proliferation and international security.

Supreme Emergency: How Britain Lives with Bomb

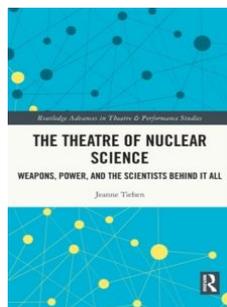


v pevné vazbě, 272 stran
vyd. Manchester University Press,
II/2022
ISBN 9781526147363

katalog.cena 2.600 Kč vč.DPH
v této nabídce **1.950 Kč** vč.DPH

In Supreme emergency, an ex-Trident submarine captain considers the evolution of UK nuclear deterrence policy and the implications of a previously unacknowledged aversion to military strategies that threaten civilian casualties. Drawing on extensive archival research, the book provides a unique synthesis of the factors affecting British nuclear policy decision-making and draws parallels between government debates about reprisals for First World War zeppelin raids on London, the strategic bombing raids of the Second World War and the evolution of the UK nuclear deterrent. It concludes that among all the technical factors, an aversion to being seen to condone civilian casualties has inhibited government engagement with the public on deterrence strategy since 1915.

Theatre of Nuclear Science



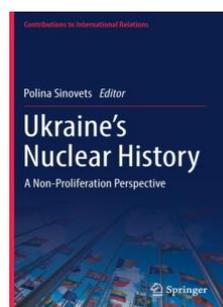
v pevné vazbě, 166 stran
vyd. Routledge, XI/2021
ISBN 9780367458508

katalog.cena 3.900 Kč vč.DPH
v této nabídce **2.925 Kč** vč.DPH

1. The book includes extensive context about the historical and newsworthy events that surround nuclear weapons and nuclear power plants in correlation to the plays analyzed. 2.

The critically acclaimed HBO series Chernobyl is explored in chapter three and evaluated for the feeling of doom it creates for an audience watching. 3. The book makes comparisons of the pandemic to nuclear science history, acknowledging that culturally we do not always listen to scientific advice, and assessing how powerful governments often dismiss scientific dissent.

Ukraine's Nuclear History: Non-Proliferation Perspective



v pevné vazbě, 264 stran
vyd. Springer Nature Switzerland AG,
II/2022
ISBN 9783030906603

katalog.cena 3.000 Kč vč.DPH
v této nabídce **2.250 Kč** vč.DPH

This book presents a comprehensive overview of Ukraine's nuclear history, beginning from its experiences within the Russian Empire in the early 20th century, through the Soviet period, to the emergence of Ukraine as an independent state that inherited the world's third-largest nuclear arsenal. The book discusses the development of the nuclear infrastructure on Ukrainian soil and offers a rich and nuanced background of how Ukraine became an important and integrated part of the Soviet nuclear infrastructure. It further analyzes Ukraine's nuclear disarmament based on extensive primary source material and places the Ukrainian nuclear reversal process in a larger international political context where Russia, the United States, and other players' actions are interpreted in the light of the impact on the current nuclear non-proliferation regime.

Finally, the book presents the nuclear-related development after the nuclear disarmament. It describes the integration of Ukraine into the international community and the role of nuclear power in the energy mix of the nation today. Concluding, Ukraine's adaptation to the new security situation after the Russian annexation of Crimea is described and discussed.