

# THE SECOND NUCLEAR AGE

Strategy, Danger, and the New Power Politics

"The questions Mr. Bracken raises about the sustainability of current American foreign policy thinking are particularly timely.... We are once again in a world where nuclear weapons count."



- The Wall Street Journal

# PAUL BRACKEN

# **Second Nuclear Age**

**Paul Bracken** 

#### **Second Nuclear Age:**

The Second Nuclear Age Colin S. Gray, 1999 The author takes issue with the complacent belief that a happy mixture of deterrence arms control and luck will enable humanity to cope adequately with weapons of mass destruction arguing that the risks are ever more serious The Second Nuclear Age Paul Bracken, 2012-11-13 Drawing on years of experience analyzing defense strategy the author advocates for renewed U S attention to nuclear weapons and discusses how their presence will transform the way crises develop and escalate **Deterrence in the Second Nuclear Age** Keith B. Payne, 2021-10-21 Keith Payne begins by asking Did we really learn how to deter predictably and reliably during the Cold War He answers cautiously in the negative pointing out that we know only that our policies toward the Soviet Union did not fail What we can be more certain of in Payne's view is that such policies will almost assuredly fail in the Second Nuclear Age a period in which direct nuclear threat between superpowers has been replaced by threats posed by regional roque powers newly armed with chemical biological or nuclear weapons The fundamental problem with deterrence theory is that is posits a rational hence predictable opponent History frequently demonstrates the opposite Payne argues that as the one remaining superpower the United States needs to be more flexible in its approach to regional powers Strategy in the Second Nuclear Age Toshi Yoshihara, James R. Holmes, 2012-12-01 A second nuclear age has begun in the post Cold War world Created by the expansion of nuclear arsenals and new proliferation in Asia it has changed the familiar nuclear geometry of the Cold War Increasing potency of nuclear arsenals in China India and Pakistan the nuclear breakout in North Korea and the potential for more states to cross the nuclear weapons threshold from Iran to Japan suggest that the second nuclear age of many competing nuclear powers has the potential to be even less stable than the first Strategy in the Second Nuclear Age assembles a group of distinguished scholars to grapple with the matter of how the United States its allies and its friends must size up the strategies doctrines and force structures currently taking shape if they are to design responses that reinforce deterrence amid vastly more complex strategic circumstances By focusing sharply on strategy that is on how states use doomsday weaponry for political gain the book distinguishes itself from familiar net assessments emphasizing quantifiable factors like hardware technical characteristics and manpower While the emphasis varies from chapter to chapter contributors pay special heed to the logistical technological and social dimensions of strategy alongside the specifics of force structure and operations They never lose sight of the human factor the pivotal factor in diplomacy strategy and war Asia in the Second Nuclear Age Gaurav Kampani, 2017-11-15 The Second Nuclear Age Paul Bracken, 2012-11-13 A leading international security strategist offers a compelling new way to think about the unthinkable The cold war ended more than two decades ago and with its end came a reduction in the threat of nuclear weapons a luxury that we can no longer indulge It s not just the threat of Iran getting the bomb or North Korea doing something rash the whole complexion of global power politics is changing because of the reemergence of nuclear weapons as a vital element of statecraft and power politics In

short we have entered the second nuclear age In this provocative and agenda setting book Paul Bracken of Yale University argues that we need to pay renewed attention to nuclear weapons and how their presence will transform the way crises develop and escalate He draws on his years of experience analyzing defense strategy to make the case that the United States needs to start thinking seriously about these issues once again especially as new countries acquire nuclear capabilities He walks us through war game scenarios that are all too realistic to show how nuclear weapons are changing the calculus of power politics and he offers an incisive tour of the Middle East South Asia and East Asia to underscore how the United States must not allow itself to be unprepared for managing such crises Frank in its tone and farsighted in its analysis The Second Nuclear Age is the essential guide to the new rules of international politics The Second Nuclear Age Colin S. Gray, Lynne Rienner Publishers, 1999 Strategic Asia 2013-14 Ashley J. Tellis, Abraham M. Denmark, Travis Tanner, 2013-09-25 The 2013 14 Strategic Asia volume examines the role of nuclear weapons in the grand strategies of key Asian states and assesses the impact of these capabilities both established and latent on regional and international stability In each chapter a leading expert explores the historical strategic and political factors that drive a country s calculations vis a vis nuclear weapons and draws implications for American interests Strategy in the Second Nuclear Age Toshi Yoshihara, James R. Holmes, 2012-10-22 A second nuclear age has begun in the post Cold War world Created by the expansion of nuclear arsenals and new proliferation in Asia it has changed the familiar nuclear geometry of the Cold War Increasing potency of nuclear arsenals in China India and Pakistan the nuclear breakout in North Korea and the potential for more states to cross the nuclear weapons threshold from Iran to Japan suggest that the second nuclear age of many competing nuclear powers has the potential to be even less stable than the first Strategy in the Second Nuclear Age assembles a group of distinguished scholars to grapple with the matter of how the United States its allies and its friends must size up the strategies doctrines and force structures currently taking shape if they are to design responses that reinforce deterrence amid vastly more complex strategic circumstances By focusing sharply on strategy that is on how states use doomsday weaponry for political gain the book distinguishes itself from familiar net assessments emphasizing quantifiable factors like hardware technical characteristics and manpower While the emphasis varies from chapter to chapter contributors pay special heed to the logistical technological and social dimensions of strategy alongside the specifics of force structure and operations They never lose sight of the human factor the pivotal factor in diplomacy strategy and war Strategic Stability in the Second Nuclear Age Gregory D. Koblentz, 2022 Strategic Stability in the Second Nuclear Age Gregory D. Koblentz, 2014-11-01 The world has entered a second nuclear age shaped by rising nuclear states and military technologies Gregory Koblentz argues that the United States should work with the other nuclear armed states to manage threats to nuclear stability in the near term and establish processes for multilateral arms control efforts over the longer term The Global Third Nuclear Age Andrew Futter, Ludovica Castelli, Cameron Hunter, Olamide Samuel, Francesca Silvestri, Benjamin

Zala, 2025-01-17 This book provides an in depth examination of the technological geopolitical and normative pressures driving the world into a new more complex and potentially more dangerous Third Nuclear Age By adopting an innovative framework for analysis the book challenges the constrained focus of much of the existing literature by explaining that the pathways to nuclear security for different actors across the globe will vary considerably in this new context It argues that the Third Nuclear Age will be defined by friction and conflict between Nuclear Traditionalists Technological Transformers Hedgers and Balancers and Activists and Protestors as different interests and visions of the nuclear future clash The book draws on dozens of interviews and non English language sources to provide a global approach and looks at the security politics driving the political debate in 20 different countries across the globe This book will be of much interest to students of nuclear politics security studies and International Relations The Open Access version of this book available at www taylorfrancis com has been made available under a Creative Commons Attribution Non Commercial No Derivatives CC BY NC ND 4 0 license Fire In the East Paul Bracken, 2010-12-14 On May 11 1998 India began testing nuclear weapons The world will never be the same The Indian test of five atomic bombs and the Pakistani tests that answered a few weeks later marked the end of the arms control system that has kept the world from nuclear war for half a century As Paul Bracken professor of management and political science at Yale University explains in this landmark study they signal the reemergence of something the world hasn t seen since the sixteenth century modern technologically adept military powers on the mainland of Asia In Fire in the East Professor Bracken reveals several alarming trends and secrets such as how close Isreal actually came to a germ warfare attack during the Gulf War why globalization will spur the development of weapons of mass destruction how American interests are endangered by Asian nationalism and how to navigate what he names the second nuclear age Fire in the East is a provocative account of how the Western monopoly on modern arms is coming to an end and how it will forever transform America's role on the stage of international politics Special Issue .2003 Indian **Foreign Policy in a Unipolar World** Harsh V. Pant, 2020-11-29 India s foreign policy out of the structural confines of the Cold War strategic framework has become more expansive in defining its priorities over the last few years With the rise of its economic and military capabilities and strategic interests India has shaped a diplomacy that is much more aggressive in the pursuit of those interests Tracing the trajectory of India's foreign policy in the 21st century this book examines the factors that have shaped the Indian response towards this emerging international security environment Including a new Afterword this updated volume looks at the major influences that have shaped India's foreign policy in recent years in the context of its engagements with strategically important regions across the globe and its relations with major global powers The volume will prove invaluable to those studying politics and international relations diplomatic and political history defence and military studies and South Asian studies South Asia's Nuclear Security Bhumitra Chakma, 2014-12-17 South Asia is often viewed as a potential nuclear flashpoint and a probable source of nuclear terrorism But how valid are such perceptions

This book seeks to address this question and assesses the region s nuclear security from two principal standpoints First it evaluates the robustness of the Indo Pakistani mutual deterrence by analysing the strength and weaknesses of the competing arguments regarding the issue It also analyses the causes and consequences of nuclear arms race between India and Pakistan the nature of deterrence structure in the region and the challenges of confidence building and arms control between the two countries in order to assess the robustness of South Asia s nuclear deterrence Second it assesses the safety and security of the nuclear assets and nuclear infrastructure of India and Pakistan The author holds that the debate on South Asia s nuclear security is largely misplaced because the optimists tend to overemphasise the stabilising effects of nuclear weapons and the pessimists are too alarmists It is argued that while the risks of nuclear weapons are significant it is unlikely that India and Pakistan will give up their nuclear arsenals in the foreseeable future Therefore what needs to happen is that while nuclear elimination should be the long term goal in the interim years the two countries need to pursue minimum deterrence policies to reduce the likelihood of deterrence failure and the possibility of obtaining fissile materials by non state actors

**The US Arsenal in the Second Nuclear Age** Brian Brooks, 2008 *Nuclear Deterrence in the Second Nuclear Age* Nuclear Weapons in the Information Age Stephen J. Cimbala, 2012-02-02 In today s John Ashok Varadarajan, 2000 information age the coexistence of nuclear weapons with advanced conventional weapons and information based concepts of warfare is a military contradiction Nuclear deterrence was initially predicated on geopolitical military and technical assumptions These were based on Cold War politics rational deterrence theory the concept of mutual vulnerability and the fact that information and technology diffusion were limited Today however far from being obsolete nuclear and other weapons of mass destruction have not only survived but have become weapons for states that face security threats including perceived threats of nuclear blackmail or expectation of conflicts This study focuses on this unplanned coexistence of two distinct arts of war including the possibility that states like the U S may be held hostage to nuclear blackmail by outlier regimes or terrorists such as North Korea It shows that restricting nuclear proliferation should still be on the agenda of policymakers and calls for a revitalized global nonproliferation regime This unique survey by a leading expert will appeal to anyone interested in arms control nuclear proliferation and defense policy **Power and Responsibility** Bruce D. Jones, Carlos Pascual, Stephen John Stedman, 2009-09-30 The aim of the Managing Global Insecurity project is to launch a reform effort of the global security system in 2009 That task is both ambitious and urgent The time to act is now from the Foreword by Javier Solana The twenty first century will be defined by security threats unconstrained by borders from economic instability climate change and nuclear proliferation to conflict poverty terrorism and disease The greatest test of global leadership will be building partnerships and institutions for cooperation that can meet the challenge Power and Responsibility describes how American leadership can rebuild international order to promote global security and prosperity for today s transnational world Power Responsibility establishes a new foundation for international security responsible

sovereignty or the notion that sovereignty entails obligations and duties toward other states as well as one s own citizens Governments must cooperate across borders to safeguard common resources and tackle common threats Power Responsibility argues that in order to advance its own interests the United States must learn to govern in an interdependent world exercise leadership through cooperation and create new institutions with today s traditional and emerging powers The result of a collaborative project on Managing Global Insecurity the book also reflects the MGI project s global dialogue extensive consultations in the United States and in regions around the world as well as discussions with the MGI project s Advisory Group composed of prominent U S and international figures The 2008 financial crisis has brought our global interconnectedness close to home But economic insecurity is just one concern Power and Responsibility provides a road map for building effective policies and legitimate global institutions to tackle today s suite of transnational challenges Kemal Dervis administrator UN Develo

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