

International security studies and technology

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Note sur le contenu : 1. Introduction: "the global firewall" approaches, assessments, and frontiers in security studies and technology / Tobias T. Gibson and Kurt W. Jefferson Part I. Approaches 2. Disrupting alliances: Technological adaptation in military doctrine and alliance politics / Darrell Driver 3. Development and application of diverse emerging technologies in the United States presents an evolving threat to U.S. National security from foreign adversaries / Kenneth Hines 4. India, Pakistan, and environmental security: A path to peace / Patrick Homan and Taras Burak 5. Educational wargaming: Integrating national security topics within university core curriculum / Brooke Taylor Part II. Assessments 6. Practicing at the speed of relevance: Emerging technologies and the changing nature of national security law / James E. Baker 7. Making the U.S. military climate ready for modern warfighting /

Tim Gallaudet 8. Drones and child labor trafficking: Using modern technology as a tool against exploitation / Kate Perry 9. Information control strategies of China and Russia / Allison Lawlor Russell 10. State-sponsored assassinations and how they challenge the CW norm / Kathleen M. Vogel and Glenn A. Cross Part III. Frontiers 11. Promise and peril: The next ten years of national security AI and its regulation / James E. Baker 12. Autonomous systems applications in weaponry and intelligence, surveillance, and reconnaissance: Ethics and conflict / Robert E. Burnett and Kurt W. Jefferson 13. Silver screen, superheroes, science fiction, and security / Tobias T. Gibson 14. The dawn of a new space age: Implications for 21st century international security / Patrick James and Francisco Del Canto Viterale 15. Presidential war powers and emerging technology: Old questions given new life / Blaine Ravert

Résumé ou extrait : "International Security Studies and Technology applies an interdisciplinary perspective to the study of emerging technologies and issues related to their development, governance, laws, ethics, understanding, and (mis)use, considering their impact on international security and established international norms. Bringing together a diverse collection of experts, Tobias T. Gibson and Kurt W. Jefferson analyse international security and technology through three conceptual frameworks: approaches, assessments, and frontiers. The book examines the real-life impacts of new technologies on national security, warfare, military doctrine, and geopolitical security alliances across various environmental and human security contexts. Exploring intelligence, information control strategies, cybersecurity, child labour trafficking and chemical and biological weapons, it builds a deeper understanding of the applied aspects of security and technology. The book concludes with a discussion of how science fiction and the silver screen, the future of space in international security, the ethics of autonomous weapons, and American presidential war powers are all affected by the boundaries of technological advancements in the context of international security. This book is vital for students and scholars of security, international relations, AI and technology, politics and public policy, and regulation and governance. Its practical applications are also beneficial to international security lawyers and policy advisors." (4e de couv.)

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