

Routledge handbook of war, law and technology

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Note sur le contenu : Introduction : technological innovation, non-obvious warfare and challenges to international law / Rachel Kerr Obvious and non-obvious : the changing character of warfare / James Gow and Ernst Dijxhoorn Weapons review and new technology / Bill Boothby A defence technologist's view of IHL / Tony Gillespie Can the law regulate the humanitarian effects of new technologies ? / Brian Rappert Computer network attacks under the jus ad bellum and the jus in bello : "armed" effects and consequences / James Gow and Elaine Korzak Computer network attacks under the jus ad bellum and the jus in bello : distinction, proportionality and attribution / Elaine Korzak and James Gow Proportionality in cyber-targeting / Marco Roscini Digital intelligence and armed conflict after snowden / Sir David Omand

Cyber security and the human factor / James Gow Autonomy of humans and robots / Thrishanta Nannayakkara Autonomous agents and command responsibility / Jack McDonald Legal-policy challenges of armed drones and autonomous weapon systems / Matthew Waxman and Kenneth Anderson The "robots don't rape" controversy / Maziar Homaynoujenad Humanity and lethal robots : an engineering perspective / Tony Gillespie Bio-technological innovation, non-obvious warfare and challenges to international law / Christopher Lowe Synthetic biology and the biological weapons convention / Filippa Lentzos and Cecile Hellestveit A threat assessment of biological weapons : past, present and future / Matteo Bencic Habian Challenges in regulation : the synthetic biology dilemma : dual use and the limits of academic freedom / Guglielmo Verdirame and Matteo Bencic Habian Space warfare and the challenge to international law / Bleddyn Bowen Space and private companies: consequences for global security / Pawel Frankowski Biometrics and human security / James Gow and Georg Gassauer Future war crimes and the military (1) : cyber warfare / James Gow and Ernst Dijkhoorn Future war crimes and the military (2) : autonomy and synthetic biology / James Gow and Ernst Dijkhoorn Future war crimes and prosecution : gathering digital evidence / Maziar Homaynoujenad The russian concept of information warfare / Oscar Jonsson Unconventional warfare and technological innovation in Islam : ethics and legality / Ariane Tabatabai France and cyber-war / Anne-Marie Le Gloannec and Fleur Richard-Tixier The US, the UK, Russia and China : regulating cyber attacks under international law : developments at the united nations / Elaine Korzak The US, the UK, Russia and China : regulating cyber attacks under international law : the potential for dedicated norms / Elaine Korzak

Résumé ou extrait : La 4e de couv. indique : "This volume provides an authoritative, cutting-edge resource on the characteristics of both technological and social change in warfare in the twenty-first century, and the challenges such change presents to international law. The character of contemporary warfare has recently undergone significant transformation in several important respects: the nature of the actors, the changing technological capabilities available to them, and the sites and spaces in which war is fought. These changes have augmented the phenomenon of non-obvious warfare, making understanding warfare one of the key challenges. Such developments have been accompanied by significant flux and uncertainty in the international legal sphere. This handbook brings together a unique blend of expertise, combining scholars and practitioners in science and technology, international law, strategy and policy, in order properly to understand and identify the chief characteristics and features of a range of innovative developments, means and processes in the context of obvious and non-obvious warfare. The handbook has six thematic sections: Law, War and Technology; Cyber Warfare; Autonomy, Robotics and Drones; Synthetic Biology; New Frontiers; International Perspectives. This interdisciplinary blend and the novel, rich and insightful contribution that it makes across various fields will make this volume a crucial research tool and guide for practitioners, scholars and students of war studies, security studies, technology and design, ethics, international relations and international law."

Sujet - Nom commun : Guerre (droit international)

Guerre -- Innovations technologiques