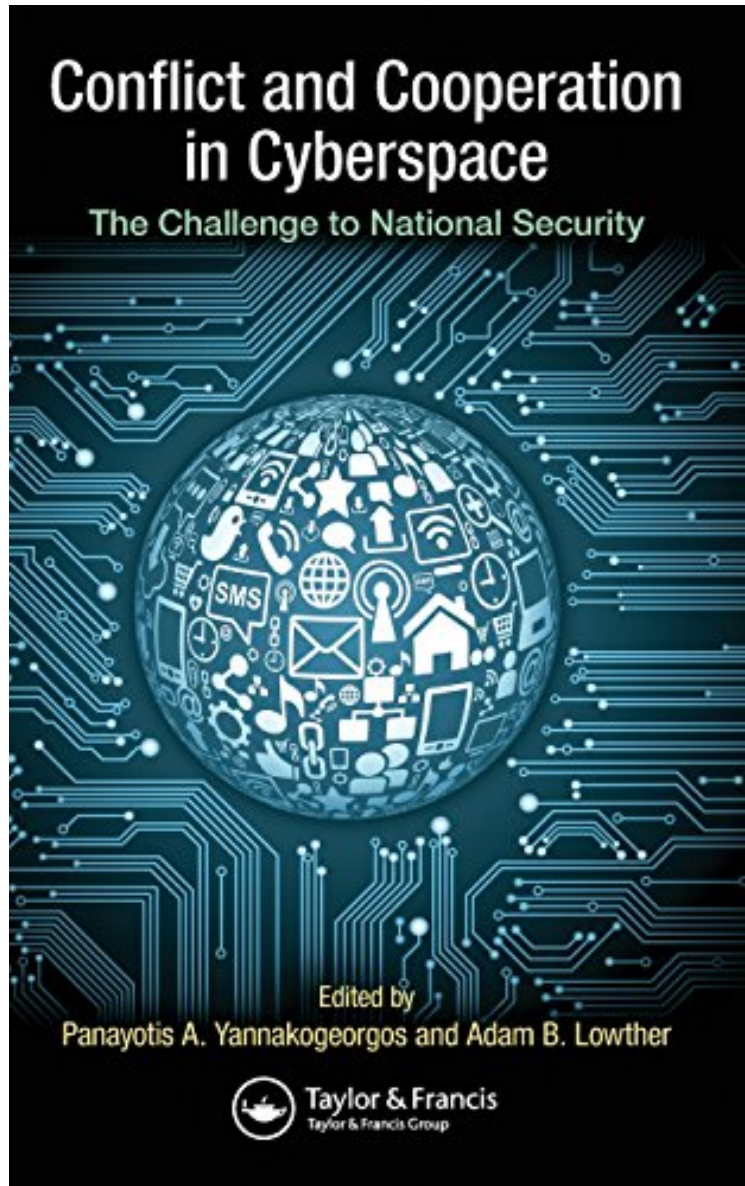


(Download pdf ebook) Conflict and Cooperation in Cyberspace: The Challenge to National Security

# Conflict and Cooperation in Cyberspace: The Challenge to National Security

*From Panayotis A Yannakogeorgos*  
*DOC | \*audiobook | ebooks | Download PDF | ePub*



[Download](#)

[Read Online](#)

#2634224 in Books Panayotis A Yannakogeorgos 2013-07-22Original language:EnglishPDF # 1 9.21 x .81 x 6.14l, 1.45 #File Name: 146659201X360 pagesConflict and Cooperation in Cyberspace | File size: 24.Mb

**From Panayotis A Yannakogeorgos : Conflict and Cooperation in Cyberspace: The Challenge to National Security** before purchasing it in order to gage whether or not it would be worth my time, and all praised Conflict and Cooperation in Cyberspace: The Challenge to National Security:

2 of 2 people found the following review helpful. Conflict and Cooperation in Cyberspace: The Challenge to National Security by Panayotis A Yannakogeorgos  
By Hiawatha B Crow  
Conflict and Cooperation in Cyberspace: The Challenge to National Security by Panayotis A Yannakogeorgos  
Met my expectations as to what I needed and expected to receive in record time. Thank you!  
2 of 2 people found the following review helpful. A wide spectrum overview of the field!  
By Alessandro  
Comprehensive state of the art, covering not just the technological issues but going deep into the theoretical and scientific problems underlying cyber security and cyber warfare.  
2 of 2 people found the following review helpful. One of the best new books on cyber...  
By Benjamin P. Alvord  
With so many books emerging on this important topic, this one stands out for its strategic recommendations. Informative as well as a proverbial "page turner."

Conflict and Cooperation in Cyberspace: The Challenge to National Security brings together some of the world's most distinguished military leaders, scholars, cyber operators, and policymakers in a discussion of current and future challenges that cyberspace poses to the United States and the world. Maintaining a focus on policy-relevant solutions, it offers a well-reasoned study of how to prepare for war, while attempting to keep the peace in the cyberspace domain. The discussion begins with thoughtful contributions concerning the attributes and importance of cyberspace to the American way of life and global prosperity. Examining the truths and myths behind recent headline-grabbing malicious cyber activity, the book spells out the challenges involved with establishing a robust system of monitoring, controls, and sanctions to ensure cooperation amongst all stakeholders. The desire is to create a domain that functions as a trusted and resilient environment that fosters cooperation, collaboration, and commerce. Additionally, the book: Delves into the intricacies and considerations cyber strategists must contemplate before engaging in cyber war Offers a framework for determining the best ways to engage other nations in promoting global norms of behavior Illustrates technologies that can enable cyber arms control agreements Dispels myths surrounding Stuxnet and industrial control systems  
General Michael V. Hayden, former director of the National Security Agency and the Central Intelligence Agency, begins by explaining why the policymakers, particularly those working on cyber issues, must come to understand the policy implications of a dynamic domain. Expert contributors from the Air Force Research Institute, MIT, the Rand Corporation, Naval Postgraduate School, NSA, USAF, USMC, and others examine the challenges involved with ensuring improved cyber security. Outlining the larger ethical, legal, and policy challenges facing government, the private sector, civil society, and individual users, the book offers plausible solutions on how to create an environment where there is confidence in the ability to assure national security, conduct military operations, and ensure a vibrant and stable global economy.

Facilitated by the exceptional handiwork of the editors, this book significantly advances the effort to achieve common ground in the debates regarding cyberspace. National security and cyber-related professionals will find it equally useful in their work.  
Lt. Gen Bob Elder, USAF (Retired)  
In this wide-ranging anthology that encompasses expert viewpoints from military, civilian, and private sector contributors, the editors seek to provide a broad framework of issues to be considered. Rather than provide definitive answers (all of the contributors readily admit that none exist), the contributors state that in order to attain the right answers, we must first ask the right questions. Over the course of the book, the authors put forth a common set of concerns to frame the issue at hand. ... The authors undertake a study of how to apply cyber law to cyber war, warning that allowing the Intelligence Community and the military to assist in the defense of privately owned networks may lead to legal and political consequences. They also grapple with the environmental aspects of cyber: a cyber-attack against an industrial control system (energy, nuclear, chemical, or waste management), would lead to massive environmental damage, staggering economic losses, and cause (potentially) rampant public health hazards. This well-written tome brings together a cast of eminent thinkers, military strategists, academics, cyber specialist, and policy experts to examine cyber challenges for U.S. and international diplomats and decision makers. While it keeps its emphasis on policy-relevant solutions, it maintains the need for a common core of concepts to better define, codify, and approach this new concept that will be with us for years to come. Its main utility is in the questions raised, vice answers provided. The book would be of most use for those attempting to better understand cyberspace and possible policy avenues for the future.  
Mark Roberts, Security Consultant, writing in the Journal of Strategic Security, Volume 7, Number 1, Article 8  
About the Author  
Panayotis "Pano" A. Yannakogeorgos is a research professor of Cyber Policy and Global Affairs at the Air Force Research Institute. His expertise includes the intersection of cyberspace, national security, and military operations; cyber international relations; cyber arms control; violent non-state actors; and Eastern Mediterranean studies. He has recently authored articles and chapters including "Internet Governance and National Security" (Strategic Studies Quarterly), "Challenges in Monitoring Cyber Arms Control (Journal of Information Warfare and Terrorism)", "Pitfalls of the Private-Public Partnership Model" in Crime and Terrorism Risk: Studies in Criminology and Criminal Justice (Routledge, New York), and "Cyberspace: The New Frontier and the Same Old Multilateralism" in Global Norms: American Sponsorship and the Emerging Pattern of World Politics (Palgrave Macmillan, New York). He has also published in The Atlantic, The National Interest, and The Diplomat. Prior to his current position, Yannakogeorgos taught graduate-level courses on globalization, security, and intelligence at Rutgers University's Division of Global

Affairs (Newark, New Jersey), where he also served as senior program coordinator, and led the Center for the Study of Emergent Threats in the 21st Century. He has participated in the work of global cybersecurity bodies including the High Level Experts Group of the Global Cybersecurity Agenda of the International Telecommunications Union. In 2006 he served as an advisor within the United Nations Security Council on issues related to nuclear nonproliferation, the Middle East (including Iran), Al-Qaida, and Internet misuse. He holds a PhD and MS in global affairs from Rutgers University, and an ALB in philosophy from Harvard University (Cambridge, Massachusetts). Adam Lowther (BA, Arizona State University; MA, Arizona State University; PhD, University of Alabama) is a research professor at the Air Force Research Institute (AFRI), Maxwell Air Force Base (Montgomery, Alabama). His principal research interests include deterrence, nuclear weapons policy, airpower diplomacy, and terrorism. Lowther is the editor of *Deterrence: Rising Powers, Rogue Regimes, and Terrorism in the Twenty-First Century* (Palgrave Macmillan, New York), co-editor of *Terrorism's Unanswered Questions* (Praeger Security International, Westport, Connecticut), and the author of *Americans and Asymmetric Conflict: Lebanon, Somalia, and Afghanistan*. He has published in the *New York Times*, *Boston Globe*, *Joint Forces Quarterly*, *Strategic Studies Quarterly*, and elsewhere. Prior to joining AFRI, Lowther was an assistant professor of Political Science at Arkansas Tech University and Columbus State University. Early in his career Lowther served in the US Navy aboard the USS *Ramage* (DDG-61). He also spent time at CINCUSNAVEUR-London and with NMCB-17.