

Handbook of Research on Civil Society and National Security in the Era of Cyber Warfare

Part of the Advances in Digital Crime, Forensics, and Cyber Terrorism (ADCFCT) Book Series

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Description:

As the confluence of networks that is the modern Internet grows to encompass everything from nuclear reactors to home appliances, the affordances offered to the average citizen grow as well—but so, too, do the resources made available to those with malicious intent. Through the rise of Big Data and the Internet of Things, terrorist organizations today have been freed from geographic and logistical confines and now have more power than ever before to strike the average citizen directly at home. This, coupled with the inherently asymmetrical nature of cyberwarfare—which grants great advantage to the attacker—has created an unprecedented national security risk that both governments and their citizens are woefully ill-prepared to face.

The **Handbook of Research on Civil Society and National Security in the Era of Cyber Warfare** addresses the problem of cyber terrorism head-on, first through a review of current literature, and then through a series of progressive proposals.

Touching on such subjects as cyber-profiling, hacktivism, and digital counterterrorism, this collection offers the tools to begin formulating a ground-up resiliency to cybersecurity threats that starts at the civilian level.

Readers:

This cutting edge research is aimed at researchers, professionals, and policymakers.

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Topics Covered:

- Cyber-Criminal Profiling
- Cyberwarfare
- Digital Forensics as a First Response
- Digital Terrorism and Counterterrorism
- Hacktivism
- Information Security in the Public and Private Sectors
- Mobile Terror Threats

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