



# Information Warfare and Homeland Security

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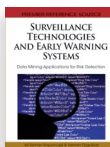
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### Cyber Security, Cyber Crime and Cyber Forensics: Applications and Perspectives

Raghu Santanam (Arizona State University, USA), et al.  
ISBN: 978-1-60960-123-2; © 2011; 352 pp.

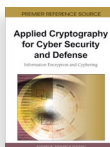
Provides broad coverage of technical and socio-economic perspectives for utilizing information and communication technologies and developing practical solutions in cyber security, cyber crime, and cyber forensics.



### Surveillance Technologies and Early Warning Systems: Data Mining Applications for Risk Detection

Ali Serhan Koyuncugil (Capital Markets Board of Turkey, Turkey), et al.  
ISBN: 978-1-61692-865-0; © 2011; 384 pp.

A multidisciplinary excursion comprised of data mining, early warning systems, information technologies, and risk management, and explores the intersection of these components in problematic domains.



### Applied Cryptography for Cyber Security and Defense: Information Encryption and Cyphering

Hamid R. Nemati (University of North Carolina-Greensboro, USA), et al.  
ISBN: 978-1-61520-783-1; © 2011; 348 pp.

Applies the principles of cryptographic systems to real-world scenarios, explaining how cryptography can protect businesses' information and ensure privacy for their networks and databases.



### Corporate Hacking and Technology-Driven Crime: Social Dynamics and Implications

Thomas J. Holt (Michigan State University, USA), et al.  
ISBN: 978-1-61692-805-6; © 2011; 366 pp.

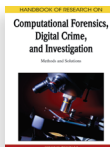
Addresses various aspects of hacking and technology-driven crime, including the ability to understand computer-based threats, identify and examine attack dynamics, and find solutions.



### Advanced ICTs for Disaster Management and Threat Detection: Collaborative and Distributed Frameworks

Eleana Asimakopoulou (Loughborough University, UK), et al.  
ISBN: 978-1-61520-987-3; © 2010; 415 pp.

Provides guidance to disaster management, while also identifying and developing effective and efficient approaches, mechanisms, and systems using emerging technologies to support an effective operation.



### Handbook of Research on Computational Forensics, Digital Crime, and Investigation: Methods and Solutions

Chang-Tsun Li (University of Warwick, UK)  
ISBN: 978-1-60566-836-9; © 2010; 548 pp.

Addresses a broad range of electronic devices and software for crime prevention and investigation. The research covers a wide spectrum of topics useful to a broad cross-sectional and multidisciplinary readership.



### Homeland Security Preparedness and Information Systems: Strategies for Managing Public Policy

Christopher G. Reddick (University of Texas, San Antonio, USA)  
ISBN: 978-1-60566-834-5; © 2010; 274 pp.

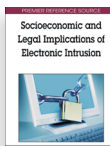
Delves into the issues and challenges that public managers face in the adoption and implementation of information systems for homeland security.



### Cyber Security and Global Information Assurance: Threat Analysis and Response Solutions

Kenneth J. Knapp (U.S. Air Force Academy, USA)  
ISBN: 978-1-60566-326-5; © 2009; 458 pp.

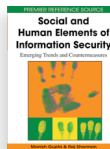
Takes a holistic approach to cyber security and information assurance by treating both the technical and managerial sides of the field.



### Socioeconomic and Legal Implications of Electronic Intrusion

Dionysios Politis (Aristotle University of Thessaloniki, Greece), et al.  
ISBN: 978-1-60566-204-6; © 2009; 338 pp.

A leading international reference source within the field, this book provides expert knowledge into global theft and spam perspectives, identity theft and fraud, and electronic crime issues.



### Social and Human Elements of Information Security: Emerging Trends and Countermeasures

Manish Gupta (State University of New York, USA), et al.  
ISBN: 978-1-60566-036-3; © 2009; 412 pp.

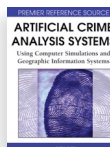
Provides high-quality research into the social and human aspects of information security.



### Handbook of Research on Information Security and Assurance

Jatinder N. D. Gupta (University of Alabama, USA), et al.  
ISBN: 978-1-59904-855-0; © 2009; 586 pp.

Offers comprehensive definitions and explanations on topics such as firewalls, information warfare, encryption standards, and social and ethical concerns in enterprise security.



### Artificial Crime Analysis Systems: Using Computer Simulations and Geographic Information Systems

Lin Liu (University of Cincinnati, USA), et al.  
ISBN: 978-1-59904-591-7; © 2008; 508 pp.

Discusses leading research on the use of computer simulation of crime patterns to reveal hidden processes of urban crimes.



### Cyber Warfare and Cyber Terrorism

Lech J. Janczewski (University of Auckland, NZ), et al.  
ISBN: 978-1-59140-991-5; © 2007; 564 pp.

Presents detailed discussion on primary target facilities, deliverables, external penetration, starting points for preparations against attacks, and planning security systems. It gives a solid introduction to cyber warfare and cyber terrorism in the 21<sup>st</sup> century.



### Cyber Terrorism: Political and Economic Implications

Andrew M. Colarik (Consultant)  
ISBN: 978-1-59904-021-9; © 2006; 172 pp.

Dedicated to illustrating the use of the global information infrastructure by terrorists for the communication and coordination of distributed terrorist cells, the gathering of target intelligence, and the use of cyber criminal activities as a force multiplier for both physical attacks and infrastructure destabilization.



### Applications of Information Systems to Homeland Security and Defense

Hussein A. Abbass (University of New South Wales, Australia), et al.  
ISBN: 978-1-59140-640-2; © 2006; 257 pp.

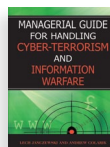
Provides an overview of complex systems' techniques, and presents both guidelines and specific instances of how they can be applied to security and defense applications.



### Digital Crime and Forensic Science in Cyberspace

Panagiotis Kanellis (Athens University of Economics and Business, Greece), et al.  
ISBN: 978-1-59140-872-7; © 2006; 357 pp.

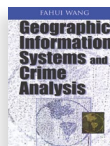
This publication is unique in putting together a number of contributions from leading experts in digital forensics and associated fields, making information on this new and complex subject available in one source of reference that addresses its multifaceted nature.



### Managerial Guide for Handling Cyber-Terrorism and Information Warfare

Lech J. Janczewski (The University of Auckland, NZ), et al.  
ISBN: 978-1-59140-583-2; © 2005; 245 pp.

Explains the roots of terrorism and how terrorism has planted the seeds of cyber-terrorism.



### Geographic Information Systems and Crime Analysis

Fahui Wang (Northern Illinois University, USA)  
ISBN: 978-1-59140-453-8; © 2005; 345 pp.

A diverse array of GIS applications in crime analysis, from general issues such as GIS as a communication process and inter-jurisdictional data sharing to specific applications in tracking serial killers and predicting juvenile violence.