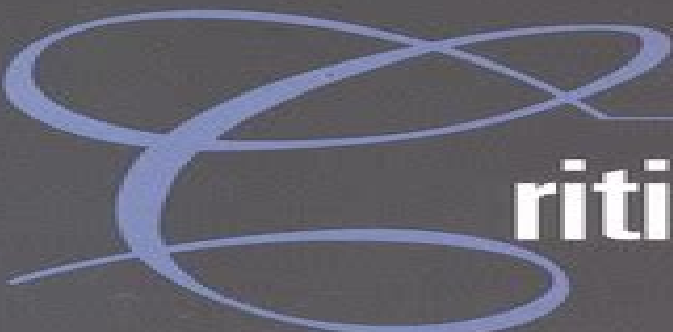




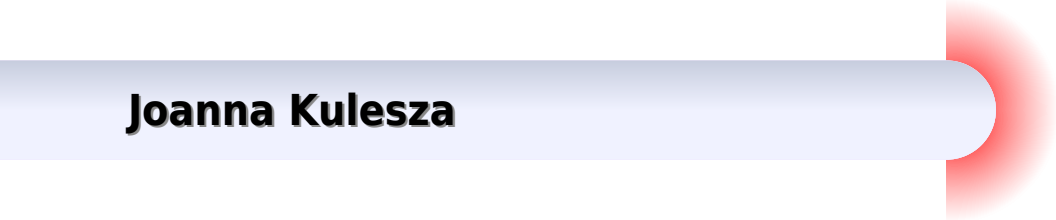
ritical Information Infrastructure Protection and the Law

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Critical Information Infrastructure Protection And The Law An Overview Of Key Issues

Joanna Kulesza



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Critical Information Infrastructure Protection and the Law National Academy of Engineering, National Research Council, Division on Engineering and Physical Sciences, Computer Science and Telecommunications Board, Committee on Critical Information Infrastructure Protection and the Law, 2003-05-21 All critical infrastructures are increasingly dependent on the information infrastructure for information management communications and control functions Protection of the critical information infrastructure CIIP therefore is of prime concern To help with this step the National Academy of Engineering asked the NRC to assess the various legal issues associated with CIIP These issues include incentives and disincentives for information sharing between the public and private sectors and the role of FOIA and antitrust laws as a barrier or facilitator to progress The report also provides a preliminary analysis of the role of criminal law liability law and the establishment of best practices in encouraging various stakeholders to secure their computer systems and networks

Critical Information Infrastructure Protection and the Law Committee on Critical Information Infrastructure Protection and the Law, Computer Science and Telecommunications Board, Division on Engineering and Physical Sciences, National Research Council, 2003-05-05 All critical infrastructures are increasingly dependent on the information infrastructure for information management communications and control functions Protection of the critical information infrastructure CIIP therefore is of prime concern To help with this step the National Academy of Engineering asked the NRC to assess the various legal issues associated with CIIP These issues include incentives and disincentives for information sharing between the public and private sectors and the role of FOIA and antitrust laws as a barrier or facilitator to progress The report also provides a preliminary analysis of the role of criminal law liability law and the establishment of best practices in encouraging various stakeholders to secure their computer systems and networks Critical Information Infrastructure Protection and the Law National Academy of Engineering, National Research Council, Division on Engineering and Physical Sciences, Computer Science and Telecommunications Board, Committee on Critical Information Infrastructure Protection and the Law, 2003-04-21 All critical infrastructures are increasingly dependent on the information infrastructure for information management communications and control functions Protection of the critical information infrastructure CIIP therefore is of prime concern To help with this step the National Academy of Engineering asked the NRC to assess the various legal issues associated with CIIP These issues include incentives and disincentives for information sharing between the public and private sectors and the role of FOIA and antitrust laws as a barrier or facilitator to progress The report also provides a preliminary analysis of the role of criminal law liability law and the establishment of best practices in encouraging various stakeholders to secure their computer systems and networks **Critical Information Infrastructures Security** Grigore Havarneanu, Roberto Setola, Hypatia Nassopoulos, Stephen Wolthusen, 2017-11-21 This book constitutes the post conference proceedings of the 11th International Conference on Critical Information Infrastructures Security CRITIS 2016 held in Paris

France in October 2016 The 22 full papers and 8 short papers presented were carefully reviewed and selected from 58 submissions They present the most recent innovations trends results experiences and concerns in selected perspectives of critical information infrastructure protection covering the range from small scale cyber physical systems security via information infrastructures and their interaction with national and international infrastructures *Security in Cyberspace* Giampiero Giacomello, 2014-07-31 Today the Internet has become a source of information that no country or company can forgo It is not only used to communicate or entertain but most importantly to operate utilities and public services such as banking or air traffic As the reliance on computer networks across societies and economies keeps growing so do security risks in cyberspace referred to as cybersecurity Cybersecurity means protecting information and control systems from those who seek to compromise them It also involves actors both malicious or protective policies and their societal consequences This collection of essays provides a better understanding of the risks perceptions and myths that surround cybersecurity by looking at it from three different levels of analysis the sovereign state the infrastructure and stakeholders of the Internet and the individual The essays explore such issues as information ownership censorship cyberwars cyberterrorism privacy and rebellion bringing together expert knowledge from computer science and the social sciences with case studies It reviews existing policies and practices and discusses the threats and benefits of living in an increasingly networked world This authoritative analysis of one of the most controversial and compelling security debates of the twenty first century will appeal to scholars and practitioners interested in security international relations and policymaking *International Internet Law* Joanna Kulesza, 2012-03-15 This book discusses the international legal issues underlying Internet Governance and proposes an international solution to its problems The book encompasses a wide spectrum of current debate surrounding the governance of the internet and focuses on the areas and issues which urgently require attention from the international community in order to sustain the proper functioning of the global network that forms the foundation of our information fuelled society Among the topics discussed are international copyright protection state responsibility for cyber attacks cyberterrorism and international on line privacy protection Taking a comparative approach by examining how different jurisdictions such as the United States the European Union China and Singapore have attempted various solutions to the problem of Internet Governance the author offers a practical solution to the problem and is a proponent of International Internet Law Kulesza suggests that just as in the case of International Environmental Law an Internet Framework Convention could shape the starting point for international cooperation and lead to a clear contractual division of state jurisdictional competences International Internet Law is of particular interest to legal scholars engaged with the current challenges in international law and international relations as well as students of law international relations and political science The issues discussed in the book are also relevant to journalists and other media professionals facing the challenges of analyzing current international developments in cyberspace *Power and Security in the Information Age* Myriam Dunn

Cavelty, Victor Mauer, 2016-03-23 The marriage of computers and telecommunications the global integration of these technologies and their availability at low cost is bringing about a fundamental transformation in the way humans communicate and interact But however much consensus there may be on the growing importance of information technology today agreement is far more elusive when it comes to pinning down the impact of this development on security issues Written by scholars in international relations this volume focuses on the role of the state in defending against cyber threats and in securing the information age The manuscript is captivating with the significance and actuality of the issues discussed and the logical knowledgeable and engaged presentation of the issues The essays intrigue and provoke with a number of fresh hypotheses observations and suggestions and they contribute to mapping the diverse layers actors approaches and policies of the cyber security realm

Cyberspace Security and Defense: Research Issues Janusz S. Kowalik, Janusz Gorski, Anatoly Sachenko, 2005-05-19 Cyberspace security is a critical subject of our times On one hand the development of Internet mobile communications distributed computing computer software and databases storing essential enterprise information has helped to conduct business and personal communication between individual people On the other hand it has created many opportunities for abuse fraud and expensive damage This book is a selection of the best papers presented at the NATO Advanced Research Workshop dealing with the Subject of Cyberspace Security and Defense The level of the individual contributions in the volume is advanced and suitable for senior and graduate students researchers and technologists who wish to get some feeling of the state of the art in several sub disciplines of Cyberspace security Several papers provide a broad brush description of national security issues and brief summaries of technology states These papers can be read and appreciated by technically enlightened managers and executives who want to understand security issues and approaches to technical solutions An important question of our times is not Should we do something for enhancing our digital assets security the question is How to do it

Encyclopedia of Cybercrime Samuel C. McQuade III, 2008-11-30 There are today no more compelling sets of crime and security threats facing nations communities organizations groups families and individuals than those encompassed by cybercrime For over fifty years crime enabled by computing and telecommunications technologies have increasingly threatened societies as they have become reliant on information systems for sustaining modernized living Cybercrime is not a new phenomenon rather an evolving one with respect to adoption of information technology IT for abusive and criminal purposes Further by virtue of the myriad ways in which IT is abused it represents a technological shift in the nature of crime rather than a new form of criminal behavior In other words the nature of crime and its impacts on society are changing to the extent computers and other forms of IT are used for illicit purposes Understanding the subject then is imperative to combatting it and to addressing it at various levels This work is the first comprehensive encyclopedia to address cybercrime Topical articles address all key areas of concern and specifically those having to with terminology definitions and social constructs of crime national infrastructure security vulnerabilities and capabilities types of

attacks to computers and information systems computer abusers and cybercriminals criminological sociological psychological and technological theoretical underpinnings of cybercrime social and economic impacts of crime enabled with information technology IT inclusive of harms experienced by victims of cybercrimes and computer abuse emerging and controversial issues such as online pornography the computer hacking subculture and potential negative effects of electronic gaming and so called computer addiction bodies and specific examples of U S federal laws and regulations that help to prevent cybercrimes examples and perspectives of law enforcement regulatory and professional member associations concerned about cybercrime and its impacts and computer forensics as well as general investigation prosecution of high tech crimes and attendant challenges within the United States and internationally

Routledge Handbook of Private Security

Studies Rita Abrahamsen, Anna Leander, 2015-10-08 This new Handbook offers a comprehensive overview of current research on private security and military companies comprising essays by leading scholars from around the world The increasing privatization of security across the globe has been the subject of much debate and controversy inciting fears of private warfare and even the collapse of the state This volume provides the first comprehensive overview of the range of issues raised by contemporary security privatization offering both a survey of the numerous roles performed by private actors and an analysis of their implications and effects Ranging from the mundane to the spectacular from secretive intelligence gathering and neighbourhood surveillance to piracy control and warfare this Handbook shows how private actors are involved in both domestic and international security provision and governance It places this involvement in historical perspective and demonstrates how the impact of security privatization goes well beyond the security field to influence diverse social economic and political relationships and institutions Finally this volume analyses the evolving regulation of the global private security sector Seeking to overcome the disciplinary boundaries that have plagued the study of private security the Handbook promotes an interdisciplinary approach and contains contributions from a range of disciplines including international relations politics criminology law sociology geography and anthropology This book will be of much interest to students of private security companies global governance military studies security studies and IR in general

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