This book examines, through the interdisciplinary lenses of international relations and law, the limitations of cybersecurity governance frameworks and proposes solutions to address new cybersecurity challenges. It approaches different angles of cybersecurity regulation, showing the importance of dichotomies such as state vs market, public vs private, and international vs domestic. It critically analyses two dominant internet regulation models, labelled as market-oriented and state-oriented. It pays particular attention to the role of private actors in cybergovernance and contrasts the different motivations and modus operandi of various actors and states, including in the domains of public–private partnerships, international data transfers, regulation of international trade, and foreign direct investments. The book also examines key United Nations and regional efforts to regulate cybersecurity and explains the limits of domestic and international law in tackling cyberattacks. Finally, it demonstrates how geopolitical considerations and different approaches to human rights shape cybersecurity governance.

Tomoko Ishikawa is Professor at Nagoya University in Japan. Her research focuses on legal issues that concern international investment and trade, as well as corporate environmental and human rights responsibility. Her professional experiences include serving as Associate Judge at Tokyo District Court and holding the position of Deputy Director at Japan’s Ministry of Foreign Affairs.

Yarik Kryvoi is Senior Fellow at the British Institute of International and Comparative Law. He conducts research, leads projects, advises on law reform projects around the world, and acts as an expert on international law, arbitration, and corruption. Before moving to academia, he practised international law with leading law firms in the United States and the United Kingdom.
PUBLIC AND PRIVATE GOVERNANCE OF CYBERSECURITY

Challenges and Potential

Edited by

TOMOKO ISHIKAWA
Nagoya University

YARIK KRYVOI
British Institute of International and Comparative Law
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CONTRIBUTORS

TOMOKO ISHIKAWA is Professor at Nagoya University in Japan. She has served as ICSID (International Centre for Settlement of Investment Disputes) Conciliator, appointed by the Chairman of the Administrative Council (2017–September 2023), a member of the Legal Advisory Committee of the Energy Charter Treaty, an arbitrator at Shenzhen Court of International Arbitration, and a mediator at the Kyoto International Mediation Centre. Her professional experiences include serving as Associate Judge at Tokyo District Court and holding the position of Deputy Director at the International Legal Affairs Bureau of the Ministry of Foreign Affairs of Japan, where she worked on bilateral/trilateral investment treaties, Free Trade Agreements, and WTO dispute settlements. She holds an LLM from the University of Cambridge (Trinity Hall) and a PhD in Public International Law from University College London. Her research focuses on legal issues that concern international investment and trade, as well as corporate environmental and human rights responsibility. Her most recent publication is Corporate Environmental Responsibility in Investor–State Dispute Settlement: The Unexhausted Potential of Current Mechanisms (2022).

YARIK KRYVOI is Senior Researcher in International Economic Law at the British Institute of International and Comparative Law and Co-founder of the Arbitration Lab. He advises governments and acts as an expert on matters of the rule of law, regulatory policy, international and comparative law, and dispute resolution. He is also listed as an arbitrator by leading arbitral institutions. Before moving to academia, he practised international investment law with leading law firms in Washington DC and London and worked as an extern at the US Court of Appeals. His most recent publications include ‘Private or Public Adjudication? Procedure, Substance and Legitimacy’ (2021), ‘Non-Retroactivity as a General Principle of Law’ (2021), and International Centre for Settlement of Investment Disputes (4th edition, Kluwer, 2020). He holds
degrees from UCL, Harvard, Utrecht, Nottingham, Moscow, and St Petersburg.

Kiichi Fujiwara is Professor Emeritus at the University of Tokyo and Specially Appointed Professor at Chiba University, majoring in international politics, comparative politics, and Southeast Asian studies. A graduate of the University of Tokyo, Professor Fujiwara studied as a Fulbright student at Yale University before he returned to Japan at the Institute of Social Science (ISS). He joined the faculty at Chiba University, returned to ISS as Associate Professor for seven years, and then taught International Politics at the Graduate Schools for Law and Politics until 2022. He has also taught at the Graduate School of Public Policy since its inauguration and has served as the Director of the Institute for Future Initiatives, where he still works as guest professor. He has held positions at the University of the Philippines, Johns Hopkins University, and the University of Bristol, and was selected as a fellow of the Woodrow Wilson International Center in Washington DC from 1995 to 1996. He was the president of the Japanese Comparative Politics Association from 2008 to 2010. Professor Fujiwara has published extensively on international affairs. His works include Remembering the War (2001, Korean translation 2003); A Democratic Empire (2002, Korean translation 2002); Is There Really a Just War? (2003); Peace for Realists (winner of the Ishibashi Tanzan award, 2005, substantially revised in 2010); Constructing Peace (edited with Ryo Oshiba and Tetsuya Yamada, 2006); International Politics (2007); War Unleashed (2007); Conditions of War (2013); A Destabilizing World (2020); as well as a chapter in The Age of Hiroshima, edited by G. John Ikenberry and Michael Gordin (2020). Professor Fujiwara is a regular commentator on international affairs and Japanese foreign policy for major Japanese, British, and North American news media outlets (NHK, TBS, BBC, and CNN), and writes a monthly column for the Asahi. He is also a film buff and writes a weekly column on current cinema for the Mainichi. His writings on film are published in America in Film (2006) and That’s a Movie! (2012).

Paul Nadeau is an adjunct assistant professor at Temple University’s Japan campus and an adjunct fellow with the Scholl Chair in International Business at the Center for Strategic and International Studies (CSIS). He was previously a private secretary with the Japanese Diet and a member of the foreign affairs and trade staff of Senator
LIST OF CONTRIBUTORS

Olympia Snowe. He holds a BA from George Washington University, an MA in Law and Diplomacy from the Fletcher School at Tufts University, and a PhD from the University of Tokyo’s Graduate School of Public Policy. His research focuses on the intersection of domestic and international politics and global governance.

Wakako Ito is the Director of Research at the Japan Forum on International Relations (JFIR) and the Senior Program Coordinator at the Research Center for Advanced Science and Technology, University of Tokyo. She is also Special Research Fellow at the Institute for Future Engineering (IFENG). She served as Research Fellow at Shinjuku Institute for Policy Studies and an adjunct lecturer at Hosei University, Kanagawa University, and Keiai University. She holds an MA and a PhD in Political Science from Hosei University. Her research focuses on China’s space policy, science and technology policy, and dual-use technology policy.

Summer Walker is the Head of Multilateral Affairs – New York for the Global Initiative Against Transnational Organized Crime (GI-TOC). Ms Walker leads GI-TOC’s engagement with multilateral institutions and government missions in New York. She co-leads GI-TOC’s delegation and is a chief analyst of the negotiations to elaborate a treaty on the criminal use of information and communications technologies. As an author, she has published numerous policy briefs and reports, contributed to edited volumes, and written for Foreign Policy Magazine. Her professional experience includes policy and strategic work with international non-governmental organisations, development agencies, and research institutes. She worked at the United Nations University, directing a drug policy project ahead of a high-level UN convening in 2016, and contributing to the human trafficking in conflict agenda at the Security Council. Ms Walker holds an MSc in Human Rights from the London School of Economics and a BA in Peace and Conflict Studies from Colgate University.

Ian Tennant is the Head of the Vienna Multilateral Representation & Resilience Fund, Global Initiative Against Transnational Organized Crime. Ian manages the GI-TOC Resilience Fund, a multi-donor initiative which supports civil society individuals and organisations working to counter the damaging effects of organised crime around the world. He is
based in Vienna, where he leads GI-TOC engagement with the UN Office on Drugs and Crime (UNODC) and the wider diplomatic and civil society community in Vienna. Ian is currently the Vice Chair of the NGO Alliance on Crime Prevention and Criminal Justice. Before joining GI-TOC, Ian spent five years at the UK’s Permanent Mission to the UN in Vienna, where he led UK engagement with the UNODC and represented the UK in several prominent UN negotiations on organised crime and related issues. Ian has previous experience working in British politics, political consultancy, and corporate communications. He has an MA in British Politics, and a BA in French and Hispanic Studies.

JENS HILLEBRAND POHL writes and lectures at the intersection of law and geoeconomics. He is Research Fellow at the Institute for Globalization and International Regulation (IGIR) at Maastricht University, The Netherlands. He is also an adjunct assistant professor at the United Nations University, an advisory editor of the Yearbook of Socio-Economic Constitutions, published by Springer Nature, and a former article editor of the Harvard International Law Journal. He has held stipendiary visiting appointments at the Max Planck Institute for Procedural Law, Luxembourg, and the World Trade Institute, Berne. Jens formerly practised as an associate at a law firm in New York and as an in-house counsel at an EU institution. He has completed his first PhD in Law at Maastricht University and is pursuing a second PhD in Political Science at Tampere University, Finland. He holds an LLM from Harvard Law School.

ELIZABETH WHITSITT is Associate Professor at the University of Calgary, Faculty of Law, teaching and researching in international economic law and dispute resolution. Professor Whitsitt received her LLM in International Legal Studies from New York University and her PhD from the University of Calgary. Professor Whitsitt has published and presented extensively in the areas of international trade and investment law, including her PhD research, which focused on the intersection of trade and investment arbitration. She is a former scholar-in-residence at Wilmer Hale LLP and the recipient of a Canada Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship, Killam Memorial Scholarship, and the Marc Lalonde Prize for Excellence in International and Commercial Arbitration, as well as the co-recipient of an SSHRC Insight Grant. Professor Whitsitt is chairperson of the
LIST OF CONTRIBUTORS

Canadian Council on International Law 2022 Annual Conference and Fellow of the Chartered Institute of Arbitrators. She is appointed to Canada’s roster for the Canada–United States–Mexico Agreement (CUSMA) Chapter 10 Binational Panels and is a Canadian Member of USMCA’s Joint Public Advisory Committee to the Commission for Environmental Cooperation.

ALEKSANDER KALISZ is Research Associate at the Centre of Construction Law & Dispute Resolution at the Dickson Poon School of Law, King’s College London. His academic interests are in construction disputes, arbitration, and international economic law. He is involved in an empirical study of construction adjudication in the United Kingdom, parallel to his work on several other projects in the field of dispute resolution. Aleksander is a co-founder and Steering Committee member of the Young Investment Treaty Forum at the British Institute of International and Comparative Law – an association for junior practitioners and academics in investor–state dispute resolution. He is also pursuing an MPhil/PhD in international arbitration at King’s College London as a Nash Scholar.
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<td>Ad Hoc Committee</td>
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LIST OF ABBREVIATIONS

CSIS  Center for Strategic and International Studies
CUSMA  Canada–United States–Mexico Agreement
DDoS  distributed denial of service
DEPA  Digital Economy Partnership Agreement
ECPAT  End Child Prostitution and Trafficking
EGM  open-ended intergovernmental expert group meeting on cybercrime
eIDAS Regulation  Regulation (EU) 910/2014 on electronic identification and trust services for electronic transactions in the internal market
FBI  Federal Bureau of Investigation
FDI  foreign direct investment
GAFA  Google, Amazon, Facebook, and Apple
GATS  General Agreement on Trade in Services
GATT  General Agreement on Tariffs and Trade
GDPR  General Data Protection Regulations
GGE  Group of Governmental Experts
H3C  Huawei Technologies-3Com
ICA  Investment Canada Act
ICJ  International Court of Justice
ICS  Industrial Control Systems
ICSID  International Centre for Settlement of Investment Disputes
ICT  information and communications technology
IEEE  Institute of Electrical and Electronics Engineers
IETF  Internet Engineering Task Force
IIA  international investment agreement
ILC  International Law Commission
IOSCO  International Organization of Securities Commissions
IoT  Internet of Things
IP  intellectual property
ISO  International Organization for Standardization
ISOC  Internet Society
IT  information technology
ITU  International Telecommunication Union
LAN  local area network
LTE  long-term evolution (4G network)
NAFTA  North American Free Trade Agreement
NATO  North Atlantic Treaty Organization
NCP  national cybersecurity policy
NGO  non-governmental organisation
NIS Directive  Directive on security of network and information systems
NIST  National Institute of Standards and Technology
NSIA  UK National Security and Investment Act 2021
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<tr>
<th>Abbreviation</th>
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<tr>
<td>OECD</td>
<td>Organisation for Economic Co-operation and Development</td>
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<td>PPP</td>
<td>public–private partnerships</td>
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<td>PSD2</td>
<td>Payment Services Directive 2</td>
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<td>RCEP</td>
<td>Regional Comprehensive Economic Partnership Agreement</td>
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<td>RTA</td>
<td>regional trade agreement</td>
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<td>SAFTA</td>
<td>Free Trade Agreement between Singapore and Australia</td>
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<td>SCADA</td>
<td>Supervisory Control and Data Acquisition</td>
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<td>SCO</td>
<td>Shanghai Cooperation Organization</td>
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<td>SCO agreement</td>
<td>Agreement on Cooperation in Ensuring International Information Security between the Member States of the Shanghai Cooperation Organization</td>
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<td>SME</td>
<td>small and medium-sized enterprises</td>
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<td>TBT Agreement</td>
<td>Agreement on Technical Barriers to Trade</td>
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<td>TPP</td>
<td>Trans-Pacific Partnership</td>
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<td>TRIPS Agreement</td>
<td>Agreement on Trade-Related Aspects of Intellectual Property</td>
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<td>UNCAC</td>
<td>United Nations Convention on Corruption</td>
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<td>UNCITRAL</td>
<td>United Nations Commission on International Trade Law</td>
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<td>UNCTAD</td>
<td>United Nations Conference on Trade and Development</td>
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<td>UNIDIR</td>
<td>United Nations Institute for Disarmament Research</td>
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<td>UNODC</td>
<td>United Nations Office on Drugs and Crime</td>
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<td>UNTDOC</td>
<td>United Nations Convention against Transnational Organized Crime</td>
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<td>USMCA</td>
<td>United States–Mexico–Canada Agreement</td>
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<td>WGIG</td>
<td>Working Group on Internet Governance</td>
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