



**THE CENTRE FOR THE STUDY OF GLOBAL JAPAN PRESENTS**

# **Prospects for Japan's G20 Osaka Summit:** *A Symposium*

**WEDNESDAY, MAY 8, 2019 | 9:00 AM - 5:45 PM**

**THE VIVIAN AND DAVID CAMPBELL CONFERENCE FACILITY**

**1 DEVONSHIRE PLACE**

**MUNK SCHOOL OF GLOBAL AFFAIRS & PUBLIC POLICY**

**UNIVERSITY OF TORONTO**

# JAPAN IS HOSTING THE 2019 G20 SUMMIT IN OSAKA ON JUNE 28 - 29, 2019.

In anticipation of that meeting, the Centre for the Study of Global Japan, G20 Research Group of the University of Toronto, and Consulate-General of Japan in Toronto are presenting a one-day symposium on May 8, 2019, to survey the agenda for the summit and provide an assessment of its prospects.

## Itinerary

**8:30 AM |  
REGISTRATION**

Light breakfast available.

**9:00 - 9:15 AM |  
WELCOME**

**CONSUL-GENERAL  
TAKAKO ITO**

Consulate-General of Japan  
in Toronto

**OVERVIEW**

**JOHN KIRTON**

Co-Founder and Director,  
G7 Research Group;

Co-Founder and Director,  
G20 Research Group and  
Interim Director, International  
Relations Program, University  
of Toronto

**LOUIS PAULY**

Interim Director, Centre for  
the Study of Global Japan,  
Munk School of Global Affairs  
& Public Policy;

J. Stefan Dupré Distinguished  
Professor of Political Economy,  
Department of Political Science,  
University of Toronto

**9:15 - 10:30 AM |  
G20 SUMMIT PERFORMANCE,  
2008 - 2019**

*Chair:*

**JOHN KIRTON**

*Evolution of the G20*

**LEN EDWARDS**

G20 Sherpa for Canada  
(2008 - 10)

*Japan, the United States,  
and the G20 Economy*

**ROBERT FAUVER**

U.S. G7 Sherpa (1993 - 94)  
President, Fauver Associates,  
LLC

*Do G20 Commitments Count?  
The 2019 Compliance Report*

**ALESSANDRA CICCÌ**

AND **JI YOON HAN**

Co-Chairs, Summit Studies,  
G20 Research Group  
(2019 Osaka Summit),  
University of Toronto

**10:30 - 11:00 AM |  
BREAK**

**11:00 AM - 12:15 PM |  
PREPARATION AND PROSPECTS  
FOR THE OSAKA SUMMIT**

*Chair:*

**LOUIS PAULY**

*The Agenda for Osaka*

**SHOTARO OSHIMA**

G7 Sherpa (2002);  
Chairman, Institute for  
International Economic  
Studies (IIES)

Adjunct Professor, National  
Graduate Institute for Policy  
Studies (GRIPS)

*Osaka G20 Conception  
and Hopes*

**JONATHAN FRIED**

Current G20 Sherpa for  
Canada;

Canada's Ambassador and  
Permanent Representative,  
World Trade Organization

*Japan and Global Economic  
Challenges in a Rapidly  
Changing World*

**MOTOSHIGE ITOH**

Professor Emeritus, University  
of Tokyo, Japan;

Professor, International Social  
Sciences, Gakushuin University,  
Japan

**12:15 - 1:15 PM |  
LUNCH**

On-site for all.

**1:15 - 2:30 PM |  
INTERNATIONAL ECONOMIC  
POLICY: CHALLENGES IN  
TRADE AND FINANCE**

*Chair:*

**TIFF MACKLEM**

Dean, Rotman School  
of Management, University  
of Toronto

*Challenges in the Trading  
System*

**MATTHEW GOODMAN**

Senior Vice President; Simon  
Chair in Political Economy  
and Senior Adviser for  
Asian Economics, Center  
for Strategic & International  
Studies, Washington, DC

*The World Economic  
Outlook & G20 Options*

**PATRICK CIRILLO**

Principal Assistant to the  
Secretary, International  
Monetary Fund

*Multilateral Cooperation  
for Financial Stability:  
A Historical Perspective  
and Prospect*

**SARA KONOE**

Professor, Faculty of  
Economics, Kansai University,  
Japan

In addition to leaders of G20 countries, other leaders and the heads of many international organizations have been invited to the summit. It will be the largest summit Japan has ever hosted. According to Prime Minister Abe, "At the Osaka Summit, Japan is determined to lead global economic growth by promoting free trade and innovation, achieving both economic growth and reduction of disparities, and contributing to the development agenda and other global issues. Furthermore, we will discuss how to address the digital economy from an institutional perspective and issues that arise from an aging society. We will introduce Japan's efforts, including the productivity revolution amid a 'Society 5.0' era, towards achieving a society where all individuals are actively engaged."

The day-long UofT symposium will feature a range of distinguished officials and scholars from Japan, Canada, Europe, and the United States. All are welcome to attend.

**2:30 - 3:45 PM | SOCIETY 5.0: SUSTAINABLE DEVELOPMENT AND THE PROMISE OF INCLUSION**

*Chair:*  
**DAVID WELCH**  
 University Research Chair and Professor of Political Science, Balsillie School of International Affairs, University of Waterloo; Senior Fellow, Centre for International Governance Innovation, University of Waterloo

.....  
*New Frontiers for Economic Governance and the Promotion of Diversity*

**PAOLA SUBACCHI**  
 Professor, International Economics, Queen Mary University London;

Visiting Professor, University of Bologna, Italy

.....  
*Science in Global Health and Wellness*

**MAL EVANS**  
 Chief Scientific Officer, KGK Science, London, ON

.....  
*Sustainable Oceans and the Management of Plastic Waste*

**ATSUSHI SUNAMI**  
 President, Ocean Policy Research Institute of the Sasakawa Peace Foundation; Executive Advisor to the President and Adjunct Professor, National Graduate Institute for Policy Studies, Tokyo, Japan

.....  
*Performance and Possibilities for G20 Gender Governance*

**JULIA KULIK**  
 Director of Research, G20 Research Group, University of Toronto

**3:45 - 4:15 PM | BREAK**

**4:15 - 5:30 PM | SOCIETY 5.0: TECHNOLOGY, INNOVATION, AND FUTURE PROSPERITY**

*Chair:*  
**ALAN ALEXANDROFF**  
 Director, Global Summitry Project; Senior Editor, *Global Summitry: Politics, Economics and Law in International Governance*, Munk School of Global Affairs & Public Policy, University of Toronto

.....  
*Governance of AI in Society 5.0: Japan's Domestic Challenge and International Strategy*

**HIDEAKI SHIROYAMA**  
 Professor, Public Administration, Graduate School of Public Policy and Graduate School for Law and Politics, University of Tokyo, Japan

.....  
*The G20's Governance of Climate Change*

**ELLA KOKOTSIS**  
 Director of Accountability, G20 Research Group, University of Toronto

.....  
*Innovation in a Global Digital Environment*

**CARIN HOLROYD**  
 Associate Professor, Department of Political Studies, University of Saskatchewan; President, Japan Studies Association of Canada

**5:30 - 5:45 PM | CONCLUDING REFLECTIONS**

**THE HONOURABLE WILLIAM C. GRAHAM**  
 Chancellor of Trinity College, University of Toronto

**5:45 - 6:30 PM | RECEPTION**

Lounge, Vivian and David Campbell Conference Facility.

## Speaker Biographies



**Alan S. Alexandroff** is the Director of the Global Summitry Project at the Munk School of Global Affairs & Public Policy at the University of Toronto as well as Senior Editor of Oxford's *Global Summitry: Politics, Economics and Law in International Governance*. Dr. Alexandroff focuses his research work on contemporary global governance architecture and the influence and role of the rising states, particularly China. Following the editing of, *Can the World be Governed? Possibilities for Effective Multilateralism* (Wilfrid Laurier University Press, 2008), a second volume on global governance was created, co-edited with Andrew F. Cooper, *Rising States; Rising Institutions: Challenges for Global Governance* (Brookings Institution Press, 2010). Today as Senior Editor of the *Global Summitry Journal* with Donald Brean, Dr. Alexandroff is about to launch this peer-reviewed ejournal on all aspects of global summitry. Dr. Alexandroff has long manned the blog post Rising BRICSAM.

Dr. Alexandroff received his BA, cum laude with distinction in all subjects from Cornell University, an MA and PhD in Government from Cornell University, an MA in International History from the London School of Political Science and Economics and an LLB from the McGill University Law School.



**Alessandra Cicci** is the Co-Chair of summit studies for the G20 Research Group and a Senior Researcher for the G7 Research Group based at the Munk School of Global Affairs & Public Policy in Trinity College at the University of Toronto. She holds an Honours Bachelor of Arts in Political Science, Italian and European Union Studies and will be pursuing a Master of Public Policy and a Master of Global Affairs at Sciences Po in Paris and the Munk School. Her research interests include migration, human security, and global governance as a whole. Alessandra has attended G7 and G20 summits in Taormina, Hamburg, Charlevoix and Buenos Aires.



**Patrick Cirillo**, a national of Italy and Canada, is currently Principal Assistant to the Secretary of the International Monetary Fund. Previously, he served as Deputy Chief of Operations in the IMF secretariat and Deputy Chief of Public Affairs in the IMF's Communications Department. From 1997-2008, he was also the Secretary to the Intergovernmental Group of Twenty-Four

on International Monetary Affairs and Development (G24), which brings together the major emerging market and developing countries. Prior to joining the Fund, Patrick worked in financial markets in Europe and in academia in Canada and Europe. Patrick attended universities in Switzerland, Canada, France, and Austria.



**Leonard (Len) Edwards** is a Distinguished Fellow at the Centre for International Governance Innovation (CIGI). He was Prime Minister Harper's G8 and G20 Sherpa from 2008 to 2010, leading preparations for both the Muskoka G8 and Toronto G20 Summits. He was Deputy Minister of Foreign Affairs (2007-10), Agriculture and Agri-Food Canada (2004-07) and International Trade (2001-04). He has been Canada's ambassador to Japan and Korea, and Assistant Deputy Minister for Trade and Economic Policy and for the Asia-Pacific. As Canada's Senior APEC Official he oversaw all preparations for the 1997 APEC Summit in Vancouver. As head of logistics, he organized Canada's hosting of the 1988 and 1995 G7 Summits and the 1987 Commonwealth Heads of Government Meeting.

Among his activities since retiring in 2010, Mr. Edwards has been a distinguished fellow of the Asia Pacific Foundation of Canada, a board member in the not-for-profit sector, and an advisor to a major Canadian law firm. He is a recipient of Canada's Meritorious Service Medal and Japan's Order of the Rising Sun, Gold and Silver Star.



**Mal Evans** is Chief Scientific Officer at GK Science. Dr. Evans first pioneered research in chronobiology and her landmark work was the first of its kind in North America. Her studies evolved to the clinical investigation of health and wellness paradigms and the effects of nutraceuticals. Her expertise encompasses various indications including but not limited to digestive and cardiovascular health, cognition, and women's and men's health.

Dr. Evans spearheaded a new model for the measurement of nutrients to replace the one-disease-one-drug evaluation of medicines. She challenges current guidelines to optimize the scientific acumen of the nutrition industry and regulation of the nutraceuticals. Dr. Evans has authored more than 60 peer-reviewed publications, has presented her concepts to the U.S. FDA and

has developed over 125 protocols and clinical study reports for claims substantiation of health and wellness products with regulatory agencies around the globe.



**Robert Fauver** is president of Fauver Associates, LLC, an international economic consulting firm that specializes in Asia. He spent 32 years as a career public servant in the United States working in the Treasury, State Department, White House and National Intelligence Council. He served as Under Secretary for Economic Affairs at State and co-chaired the negotiations on the U.S.-Japan Structural Impediments Initiative. He was President Clinton's Sherpa for the G7 summits of 1993 and 1994 and Special Assistant to the President for National Security and Economic Affairs. He designed the economic sanctions against India and Pakistan following their testing of nuclear weapons, negotiated the creation of the Asia Pacific Economic Cooperation forum and led the yen-dollar negotiations that led to the beginning of liberalization and internationalization of Tokyo financial markets.



**Jonathan Fried** is a distinguished graduate of the University of Toronto (twice) and Columbia University. He began his career as an official in the Government of Canada in 1980. From 2000 to 2003, he served as Senior Assistant Deputy Minister and Canadian Representative to G7, Department of Finance. He was Associate Deputy Minister, Foreign Affairs in 2003, when he was appointed to a three year term as Senior Foreign Policy Advisor to the Prime Minister and Head of the Canada-United States Secretariat, Privy Council Office. In 2006, he took on the role of Executive Director for the Canada, Irish and Caribbean constituency, International Monetary Fund. From 2008 to 2012, he served as Canada's Ambassador to Japan. In 2012, he was appointed Ambassador and Permanent Representative of Canada to the World Trade Organization. He is currently serving as the Prime Minister's Sherpa for the G20 Osaka summit.



**Matthew P. Goodman** is senior vice president, senior adviser for Asian economics, and holds the Simon Chair in Political Economy at the Center for Strategic & International Studies (CSIS). The Simon Chair explores current issues in international economic policy, with a focus on the Asia-

Pacific region. Before joining csis in early 2012, Goodman served as director for international economics on the National Security Council staff, helping the president prepare for G20 and G8 summits. He was also White House coordinator for Asia-Pacific Economic Cooperation (APEC) and the East Asia Summit. Prior to the White House, Goodman was senior adviser to the under secretary for economic, energy, and agricultural affairs at the U.S. Department of State. Goodman holds an MA in international relations from the Johns Hopkins School of Advanced International Studies (SAIS) and a BS in economics from the London School of Economics and Political Science (LSE).



**The Honourable William**

**C. Graham** was first elected as Member of Parliament for Toronto-Centre-Rosedale in 1993. Graham served as Minister of Foreign Affairs from January 2002 until July 2004 and Minister of National Defence from July 2004 until January 2006. In February 2006, he was appointed leader of the Official Opposition and interim leader of the Liberal Party of Canada, positions he served until December 2006. From 1995 to 2002, Mr. Graham served as chairman of the Standing Committee of the House of Commons on Foreign Affairs and International Trade.

Active in international parliamentary associations, Mr. Graham was elected founding president of the Inter-Parliamentary Forum of the Americas. He has served as vice president and treasurer of the Parliamentary Association of the Organization for Security and Co-operation in Europe, and as treasurer of Liberal International. In 2014, he was appointed Member of the Order of Canada. Prior to his election to parliament, Mr. Graham practiced law at Fasken & Calvin, specializing in civil litigation and international business transactions, and served on the board of directors of various public and private Canadian corporations. Subsequently, he taught international trade law, public international law, and the law of the European Community at the University of Toronto, Faculty of Law.



**Ji Yoon Han** is Co-chair of summit studies for the G20 Research Group for the 2019 Summit in Osaka. She graduated with an Honours Bachelor of

Arts in Political Science and Bioethics from the University of Toronto and is a Data Analyst

in the renewable energy sector. Ji Yoon has previously served as compliance analyst, lead analyst and compliance director for both the G20 and G7 Research Groups. Her research interests are in green financing and international financial institution reform. Ji Yoon has attended G7 and G20 summits in Hamburg, Charlevoix and Buenos Aires. She will be starting a Master of Public Policy at the Hertie School of Governance in Berlin in September.



**Carin Holroyd** is President of the Japan Studies Association of Canada and an associate professor in the Department of Political Studies at the University of Saskatchewan. Dr. Holroyd has published extensively on aspects of Japan's international trade, commercial relations with Canada, and national innovation policies in Japan. Her books include *Government, International Trade and Laissez Faire Capitalism: Canada, Australia and New Zealand's Relations with Japan* (McGill-Queen's) and co-authored with Ken Coates, *Japan and the Internet Revolution* (Palgrave-Macmillan), *Innovation Nation: Japanese Science and Technology in the 21st Century* (Palgrave Macmillan), *Digital Media in East Asia: National Innovation and the Transformation of a Region*. (Cambria Press) and *The Global Digital Economy* (Cambria). Her most recent book, *Green Japan, Environmental Technologies and Economic Growth*, was published by the University of Toronto Press in 2018.



**Consul-General Takako Ito** is Consul-General of Japan in Toronto. Ms. Takako Ito joined the Ministry of Foreign Affairs of Japan (MOFA) in 1985. Her overseas postings include Embassies in Canada (1988-1991), Malaysia (2001-2003), Indonesia (2010-2011), the Mission of Japan to the United Nations in NY (1997-2001) and the Mission of Japan to ASEAN as Deputy Chief of Mission (2011-2014). At home, she served as Principal Deputy Director for Asia Europe Partnership Division (2003-2005), Negotiator for Economic Partnership Agreement (2005-2007), Principal Deputy Director for Human Rights and Humanitarian Affairs Division concurrently Transnational Crimes Division (2007-2009), Director of Development Assistance Policy Planning Division (2009-2010), Assistant Press Secretary and Director of International Press Division (2014-2016), and Assistant Chief of Protocol of MOFA as well as Master of Ceremonies at the Imperial Household Agency (2016-2017). She has

received the Order of Civil Merit (Encomienda) from the Kingdom of Spain and the Order of the Crown (Officer) from the Kingdom of Belgium.



**Motoshige Itoh** is professor of international social sciences at Gakushuin University. He was professor of economics at the Graduate School of Economics, the University of Tokyo, April 1996 through March 2016 and was the dean of the Graduate School of Economics, the University of Tokyo, October 2007 through September 2009. He has been in various positions advising the prime minister as well as Japanese government organizations. From 2013 to January 2019, he served as a member of the Council on Economic and Fiscal Policy. He received a BA of Economics from the University of Tokyo in 1974 and a PhD of Economics from the University of Rochester in 1979.

During the early period of his academic career he published various papers in international leading journals such as *Journal of Political Economy*, *Quarterly Journal of Economics*, *Review of Economic Studies*, and *Journal of Economic Theory*. Later he became more involved in policy issues in Japan and published more than 40 books on various aspects of policy issues. He regularly writes for several newspapers and magazines.



**John Kirton** is Director of the G7 Research Group, Co-Director of the G20 Research Group, Co-Director of the Global Health Diplomacy Program, Interim

Director of the International Relations program, and a Research Associate of the Munk School of Global Affairs & Public Policy. He is also Co-Director of the BRICS Research Group based at Trinity College, where he is a Fellow. A professor of political science, he teaches international relations, global governance and Canadian foreign policy, and his research interests include global health governance, international finance and trade, trade-environment issues, and foreign policy decision making. He graduated from the University of Toronto with a BA in political science, from the Norman Paterson School of International Affairs at Carleton University with an MA in international affairs, and from the Paul H. Nitze School of Advanced International Studies at Johns Hopkins University with a PhD in international relations.



**Ella Kokotsis** is the Director of Accountability of the G20 Research Groups at the Munk School of Global Affairs. An expert on summit accountability, she has consulted with various governmental and NGOs, including the Canadian government's National Round Table on the Environment and the Economy, the Council on Foreign Relations on their African development agenda, the Russian government on global health issues, the Canadian government during their 2010 and 2018 summits, and with Chinese officials on arctic climate change. Her PhD scholarly research methodology for assessing summit compliance continues as the basis for the annual accountability reports produced by the G7, G20 and BRICS Research Groups. Ella has attended most G7 summits since 1994, has written broadly on various aspects of summitry and global governance, has directed the research and publication of numerous analytical documents, and has spoken extensively at summit-related conferences and workshops globally. Author of *Keeping International Commitments: Compliance, Credibility and the G7 Summits*, and co-author of *The Global Governance of Climate Change*, Ella holds a PhD in international politics from the University of Toronto.



**Sara Konoe** is a professor at Kansai University's Faculty of Economics in Japan. She received her PhD from the Paul H. Nitze School of Advanced International Studies of Johns Hopkins University in May 2009. She also holds a BA and an MA in law from the University of Tokyo. Beyond her studies in Tokyo and Washington, D.C., she has conducted research in Frankfurt (2007-08, DAAD Research Grant), Bologna (2008-09, George L. Abernethy Fellowship), Hamburg (2009, Postdoctoral Fellowship at Max Planck Institute), and Fiesole (2009-10, Max Weber Fellowship at the European University Institute). She also recently conducted research at the WZB Berlin Social Science Center and the Max Planck Institute for the Study of Societies (Cologne). She published her first monograph, *The Politics of Financial Markets and Regulation: The United States, Japan, and Germany* in 2014 with Palgrave Macmillan, and plans to publish another book *The Politics of Integration: Unbalanced Development of the European Financial and Monetary System* with Iwanami Shoten. Her research focuses on international political economy, the comparative politics

of financial regulation, and European integration.



**Julia Kulik** is the Director of Research of the G20 Research Group based at the Munk School of Global Affairs & Public Policy in Trinity College at the University of Toronto. She leads the Research Group's work on gender equality. Her recent publications include "Achieving Gender Equality through G7 and G20 Governance". She has delivered several papers including "Enhancing Health Security and Gender Equity through Compliance with CARICOM and UN Summit Commitments on Non-Communicable Diseases" and "G20 Social and Gender Policy Accountability". She participated in the inaugural Women20 Summit in Istanbul, Turkey, where she provided recommendations on how to improve accountability mechanisms for G20 gender equality commitments. She completed an Honours Bachelor of Arts in 2009 and a Master of Public Policy in 2012 at the University of Toronto.



**Tiff Macklem** became Dean of the Rotman School in 2014. From 2010-2014, he served as senior deputy governor of the Bank of Canada, sharing responsibility with the governor and four deputy governors for monetary policy and for the Bank's role in promoting financial stability. He was also the Bank's chief operating officer and a member of its board of directors, overseeing strategic planning and coordinating the Bank's operations. Macklem has also played a leading role in efforts to ensure stable financial systems worldwide.

Prior to his appointment at the Bank, he served as associate deputy minister of the federal Department of Finance and Canada's finance deputy at the G7 and G20, the IMF, and the Financial Stability Board. He also served as chair of the Standing Committee on Standards Implementation of the Financial Stability Board. In that role, he worked to establish an international system of peer review to promote and assess the implementation of new financial standards across the 24 most financially important countries in the world.

Dean Macklem is a well-known expert in monetary and financial systems and has contributed articles to academic journals, as well as provided chapters and commentaries on monetary and financial sector policy and international economics in books and

conference proceedings. Since arriving at Rotman, he has also been appointed the chair of the board of the Global Risk Institute, chair of Ontario's Panel on Economic Growth and Prosperity, a director of Scotiabank, and a member of the Asian Business Leaders Advisory Board.



**Shotaro Oshima** is Chairman at the Institute for International Economic Studies (IIES). He was a member of the Appellate Body of the WTO (2008-2012) after retiring from the Japanese Foreign Service. During his 40 years as a diplomat, he served as Ambassador to the Republic of Korea (2005-2007), Ambassador and Permanent Representative of Japan to International Organizations in Geneva (2002-05), as well as Ambassador to the Kingdom of Saudi Arabia (2000-2001). He was Deputy Minister for Foreign Affairs and Personal Representative, "Sherpa," for PM Junichiro Koizumi (2001-2). He also taught after 2008 at the National Graduate Institute for Policy Studies (GRIPS) and the Graduate School of Public Policy (GRASPP) at the University of Tokyo.



**Louis Pauly** is the J. Stefan Dupré Distinguished Professor of Political Economy in the Department of Political Science at the University of Toronto. He is cross-appointed to the Munk School of Global Affairs & Public Policy, where he also serves as Interim Director of the Centre for the Study of Global Japan. A graduate of Cornell University, the London School of Economics, New York University, and Fordham University, he was named a Fellow of the Royal Society of Canada in 2011. With Emanuel Adler, he edited the journal *International Organization* from 2007 to 2012. In 2015, he received the Distinguished Scholar Award in International Political Economy from the International Studies Association. His major publications include *Power in a Complex Global System*; *Hong Kong's International Financial Centre*; *Global Ordering: Institutions and Autonomy in a Changing World*; *Global Liberalism and Political Order*; *Complex Sovereignty*; *Governing the World's Money*; *Democracy beyond the State?*; *The Myth of the Global Corporation*; *Who Elected the Bankers? Surveillance and Control in the World Economy*; and *Opening Financial Markets: Banking Politics on the Pacific Rim*.



**Hideaki Shiroyama** is a professor of public administration at the Graduate School of Public Policy and the Graduate School for Law and Politics at the University of Tokyo. He studies global governance/ international administration, science/ technology and public policy and policy process. He was the Dean of the Graduate School of Public Policy from 2014 to 2016 and the Director of Policy Alternatives Research Institute from 2010 to 2014. He is the Director of Science, Technology, Innovation and Governance Program and the Coordinator of the Graduate Program for Social Design and Management. He serves as a member of various government advisory councils on higher education, nuclear safety, consumer safety, space policy and AI/IT. His major publications include "Technology Governance" in *Sustainability Science: A Multidisciplinary Approach*, United Nations University Press, 2011, "Governance for sustainability: knowledge integration and multi-actor dimensions in risk management", *Sustainability Science*, vol.7 (2012), *International Administration* (Yuhikaku 2013) and *Science, Technology and Politics* (Minerva Publisher 2018).



**Paola Subacchi** is an economist, writer and commentator on the functioning and governance of the international and monetary system. She is a professor in international economics at Queen Mary University London, a visiting professor at the University of Bologna, non-executive director of a number of investment trusts, and the founding director of Essential Economics (e-economics.com). Her latest book, *The People's Money: How China is building a global currency*, was published by Columbia University Press. An Italian national, Paola studied at Università Bocconi in Milan and at the University of Oxford. In 2016 she received the honour Cavaliere dell'Ordine della Stella d'Italia.



**Atsushi Sunami** is the President of the Ocean Policy Research Institute of the Sasakawa Peace Foundation (OPRI-SPF) as well as an Executive Advisor to the President and adjunct professor of science and technology policy at the National Graduate Institute for Policy Studies (GRIPS) in Tokyo. He is currently a member of the Advisory Board for the Promotion of Science and Technology Diplomacy in the Ministry of Foreign Affairs, Japan, and the Council for Science and Technology in the Ministry

of Education, Culture, Sports, Science and Technology, Japan. He was previously a researcher in the Department of Policy Research at Nomura Research Institute, Ltd. (1989-1991), a fellow at the Research Institute of Economy, Trade and Industry, Japan (2001-2003), and a visiting researcher at the Science Policy Research Unit, University of Sussex, UK, and Tsinghua University, China. He was also a Special Advisor to the Cabinet Office responsible for Science and Technology and Innovation (2015-2018). He holds a BSFS from Georgetown University and an MIA and PhD in Political Science from Columbia University.



**David A. Welch** is University Research Chair and a professor of Political Science at the Balsillie School of International Affairs, University of Waterloo, and Senior Fellow at the Centre for International Governance Innovation. His 2005 book *Painful Choices: A Theory of Foreign Policy Change* (Princeton University Press) is the inaugural winner of the International Studies Association ISSS Book Award for the best book published in 2005 or 2006, and his 1993 book *Justice and the Genesis of War* (Cambridge University Press) is the winner of the 1994 Edgar S. Furniss Award for an Outstanding Contribution to National Security Studies. Welch is also co-author of *Understanding Global Conflict and Cooperation* 10th ed. (Pearson Longman, 2016); *Virtual JFK: Vietnam If Kennedy had Lived* (Rowman & Littlefield, 2009); *The Cuban Missile Crisis: A Concise History* (Oxford University Press, 2nd ed. 2011); *On the Brink: Americans and Soviets Reexamine the Cuban Missile Crisis* (2nd ed., Noontday 1990); and *Cuba on the Brink: Castro, The Missile Crisis, and the Soviet Collapse* (2nd ed., Rowman & Littlefield, 2002). Welch is also co-editor of *Japan as a 'Normal Country'? A Nation in Search of Its Place in the World* (University of Toronto Press, 2011) and *Intelligence and the Cuban Missile Crisis* (Frank Cass, 1998). His articles have appeared in *Asian Perspective*, *Canadian Foreign Policy Journal*, *Ethics and International Affairs*, *Foreign Affairs*, *The Georgetown Journal of International Affairs*, *Group Decision and Negotiation*, *Intelligence and National Security*, *International Journal*, *International Negotiation*, *Security*, *International Studies Quarterly*, *The Journal of Conflict Resolution*, *The Mershon International Studies Review*, *The Review of International Studies*, and *Security Studies*. He is currently co-editor of the journal *International Theory*.

cover illustration by Donderdag;  
incorporating photos by Adrien Ledoux,  
Chuttersnap, David Brooke Martin,  
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**Centre for the Study of Global Japan**

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