

## Contributors

### [Introduction]

**Tomonori Yoshizaki** is Director of Security Studies Department, the National Institute for Defense Studies (NIDS), Ministry of Defense, Japan. He is an expert in strategic studies, conflict resolution, and alliance management issues. After obtaining his BA and MA from Keio University, he joined NIDS in 1987. He was a visiting fellow at the Department of War Studies, King's College London, and at Hudson Institute in Washington, DC. He is currently a visiting lecturer at the Graduate School of Tokyo University for Foreign Studies and Self-Defence Forces Staff Colleges. His recent publications include: *NATO after the Cold War*, Minerva Shobo, 2012 (co-edited); *Security Sector Reform in Peacebuilding*, Kokusai Shoin, 2012 (co-edited); *Comparative Study of National Security Councils*, Sairyusha, 2009 (co-authored); *Civil Military Coordination in Nation Building*, Kokusai Shoin, 2008 (co-authored). He is one of the translators of *Strategy in the Contemporary World*, eds. by Baylis, Wirtz, and Gray; and *The Making of Strategy*, eds. by Murray, Bernstein, and Knox.

### [Chapter 1]

**Professor Ikujiro Nonaka** is a Professor Emeritus of the Graduate School of International Corporate Strategy, Hitotsubashi University. He received his M.B.A. and Ph.D. (Business Administration) from the University of California, Berkeley. Professor Nonaka has been a Professor (1982-95) and Director (1995-98) at the Institute of Business Research, Hitotsubashi University. He has also been a Professor at the Japan Advanced Institute of Science and Technology (JAIST) and became the Dean of the School of Knowledge Science at JAIST in 1997.

Professor Nonaka's main research interest is to build a new theory of organizational knowledge creation. He has been conducting comparative research on knowledge creating processes in companies around the world. He has published many books and contributed many articles to management

journals and newspapers both in Japanese and in English. Selected publications include *The Knowledge-Creating Company*, (Oxford University Press 1995, with H. Takeuchi); *Enabling Knowledge Creation: How to Unlock the Mystery of Tacit Knowledge and Release the Power of Innovation*, (Oxford University Press, 2000 with co-authors), each received a best book of the year award in business and management (Association of American Publishers, Inc.) in 1996 and 2000, respectively.

In Spring 2002, Professor Nonaka received double honors: (1) he was conferred with a Purple Ribbon Medal by the Japanese government, and (2) he was elected a member of the Fellows Group of the Academy of Management in the U.S. (he is the first Asian scholar among the members). In summer 2007, Professor Nonaka received the Booz Allen Hamilton Eminent Scholar in International Management Award at the annual meeting of the Academy of Management. In May 2008, he was chosen as one of the most influential business thinkers by the Wall Street Journal. In autumn 2010, he was conferred with the Zuihōshō, or The Order of the Sacred Treasure, Gold Rays with Neck Ribbon, for his outstanding achievements and long-service and contributions in education.

## [Chapter 2]

**Professor Michael Clarke** is currently the Director General of the Royal United Services Institute. Until July 2007, he was Deputy Vice-Principal and Director of Research Development at King's College London, where he is now also Visiting Professor of Defence Studies. From 1990 to 2001, he was the founding Director of the Centre for Defence Studies at King's. He was appointed Professor of Defence Studies in 1995.

Professor Michael Clarke was the founding Director of the International Policy Institute at King's College London from 2001-2005 and Head of the School of Social Science and Public Policy at King's College London in 2004-05. He has been a Guest Fellow at The Brookings Institution, Washington, DC, and a Fellow in Foreign Policy Studies at the Royal Institute of International Affairs in London. He has been a Specialist Adviser to the House of Commons Defence Committee since 1997, having served previously with the House of Commons Foreign Affairs Committee from

1995-6. In 2009, he was appointed to the Prime Minister's National Security Forum and in 2010 to the Chief of Defence Staff's new Strategic Advisory Group. His recent publications include: *The Afghan Papers: Committing Britain to War in Helmand 2005-06*, London, RUSI/Routledge 2011; "United Kingdom: Strategic Posture Review", *World Politics Review*, November 2011; "Does War Have a Future?" in Lindley-French and Boyer eds., *The Oxford Handbook of War*, Oxford, OUP, 2012.

### [Chapter 3]

**Professor Williamson Murray** took early retirement from Ohio State University in 1995 as Professor Emeritus of History. He graduated from Yale University in 1963 with honors in history. He then served for five years as an officer in the United States Air Force. He returned to Yale University where he received his Ph.D. in military-diplomatic history, working under Hans Gatzke and Donald Kagan. He moved on to Ohio State University in fall 1977 as a military and diplomatic historian. Professor Murray has taught at a number of academic and military institutions, including War Colleges. He served as a consultant with the Institute of Defense Analyses, where he worked on the Iraqi Perspectives Project.

He has written a wide selection of articles and books. He is the author of *The Air War in the Persian Gulf* (Nautical and Aviation Press, 1995); and *Air War, 1914-1945* (Weidenfeld and Nicholson, 1999). Professors Murray and Allan Millett have published an operational history of World War II, *A War To Be Won, Fighting the Second World War* (Harvard University Press, 2000), which has received rave reviews from a number of newspapers and journals. Professor Murray was a major contributor to *The Cambridge History of War*, ed. by Geoffrey Parker (Cambridge University Press) and also authored with Major General Robert Scales, Jr. *The Iraq War: A Military History* (Harvard University Press, 2003). He has also edited a number of books with many researchers. By the end of 2011, he had published three books including *Military Adaptation in War, With Fear of Change* (Cambridge University Press).

[Chapter 4]

**Professor Yasuhide Yamanouchi** is Visiting Researcher, Interfaculty Initiative in Information Studies, the University of Tokyo; Acting Director, the New Institute for Social Knowledge and Collaboration: Kumon Center, Tama University.

Professor Yamanouchi graduated from the University of Tokyo, and then completed the Ph.D. program in International Relations. He gained his current position after serving as a Research Fellow at the Institute for International Policy Studies (IIPS) and Professor at the Center for Global Communications (GLOCOM), International University of Japan.

His major publications include: “Policy making in post-developmentalism and social knowledge management,” Ikujiro Nonaka et al., eds., *Toward the Theory of a Knowledge-Based Country*, Toyo Keizai, 2003 (in Japanese); “Three Globalizing Phases of the World System and Modernity,” George Modelski, Tessaleno Devezas, and William R. Thompson, eds., *Globalization as an Evolutionary Process: Modeling Global Change*, Routledge, 2008 (co-authored by Shumpei Kumon); *The High Internet Wall: New Border Disputes and Cultural Conflicts*, Supervised by the Institute for International Socio-Economic Studies, NTT Publishing, 2009 (in Japanese), etc.

[Chapter 5]

**Professor Paul Cornish** is Professor of International Security at the University of Bath. He was educated at the University of St Andrews, the London School of Economics, the Royal Military Academy Sandhurst and the University of Cambridge. He was Carrington Professor of International Security and Head of the International Security Programme at Chatham House from 2005 to 2011, having previously been Director of the Centre for Defence Studies at King’s College London from 2002 to 2005. He has lectured in security and strategic studies at the University of Cambridge and at the Joint Services Command & Staff College, and has served in the Foreign and Commonwealth Office (as an arms control analyst) and the British Army.

His recent publications include *Strategic Communications and National*

*Strategy* (London: Chatham House, September 2011, with Julian Lindley-French and Claire Yorke); “Smart muddling through: rethinking UK national strategy beyond Afghanistan”, *International Affairs* (88/2, March 2012, with Andrew Dorman); ‘The Changing Relationship between Society and Armed Forces’ with Julian Lindley-French and Yves Boyer (eds.), *The Oxford Handbook on War* (Oxford University Press: March 2012); and *Chinese Cyber Espionage: Confrontation or Co-operation?* (Bath: Cityforum, April 2012). Professor Cornish is a member of the UK Chief of the Defence Staff’s Strategic Advisory Panel and is a frequent commentator on national and international media.

[Chapter 6]

**Dr. Edward N. Luttwak** is Senior Associate, Center for Strategic and International Studies (CSIS), Washington, DC. He has been educated in Palermo and Milan, Italy, and in Wallingford, UK; British Army Cert., University of London, LSE, BSc, 1964; in Israel from 1967, M.o.D., PhD Johns Hopkins University, 1975. In the same year, he started as a consultant to the Immediate Office of the US Secretary of Defense. Dr. Luttwak has served/serves as consultant to, or contractor for the Department of Defense (OSD Office of Net Assessment; Immediate Office of the Secretary; Under Secretary of Defense for Policy); the US National Security Council, White House chief of staff, US Army TRADOC, US Navy ARP, US Air Force, CIA, NATO MoDs and armed forces, El Salvador and Peru (for CI). He has been an invited lecturer at higher military schools of US Forces including War Colleges, as well as foreign higher military schools. His books, including *Strategy: the logic of war and peace*, have been published in 20 languages, apart from English, including Arabic, Chinese, Japanese, Korean, Russian and Turkish.

[Chapter 7]

**Admiral (Retired), Takashi Saito** is an Adviser, Ministry of Defense, Japan and Hitachi, Ltd. Admiral (Ret.) Saito is former Chief of Staff, Joint Staff. He graduated from the National Defense Academy in 1970 and MSDF

Officer Candidate School to join the MSDF in 1971. He also graduated from the MSDF Staff College (Command and Staff Course) and U.S. Naval War College (Command Course). Admiral (Ret.) Saito held the following posts in his service career: Commanding Officer, JDS HAMASHIO (SS) and JDS SETOSHIO (SS); Commander, Escort Division 22, Director of Operations and Plans Department, MSO from 1997; Commandant, Maizuru District from 2001; Commandant, Yokosuka District from 2002. In 2005, he was promoted to Admiral to be assigned to the Chief of Staff, Japan Maritime Self-Defense Force, and received the appointment of Chief of Staff, Joint Staff in 2006. After retirement in 2009, Admiral Saito became an Adviser, Ministry of Defense and Hitachi, Ltd. He was also a member of the committee of the Ministry of Defense and Cabinet Secretariat, appointed to give advice based on his professional experience.

#### [Chapter 8]

**Professor Sangjin Lee** is a professor of Defense Management at the Korea National Defense University, Seoul, Korea. He received a B.A. in Business Administration from the Seoul National University, Korea, a MBA from the University of San Francisco, and a Ph.D. in Business Administration from the University of Wisconsin-Madison, USA. After joining the KNDU faculty in 1993, he has written research articles on the military application of quantitative techniques, logistics, defense industry policy and defense reform initiatives. He was a member of the Defense Program Advancement Board at the Korea Defense Acquisition Program Administration (DAPA) from 2006 to 2008, and a member of the Presidential Consulting Committee for Defense Reform from 2009 to 2010. He has recently consulted with the Korea Ministry of National Defense on Korea's defense management and acquisition reform efforts.

#### [Chapter 9]

**Dr. Andrew Davies** is the Director of Research at the Australian Strategic Policy Institute (ASPI). He has been with the institute since 2006. He has written extensively on Australian Defense Force capability and force

structuring issues, including platform options for air and maritime combat, industry issues, and decision-making in the Department of Defence. He has an ongoing interest in the future submarine and joint strike fighter projects, and his work on both has made an important contribution to the public understanding of those projects here and abroad. Before joining ASPI, Dr. Davies was a post-doctoral fellow in physics at Melbourne University and the ANU and spent 12 years in the Department of Defence in the areas of capability analysis and intelligence.

[Chapter 10]

**Dr. Måns Robert Alarik Dalsjö** is Deputy Director of Studies at the Division for Defence Analysis at the Swedish Defence Research Agency (FOI), Stockholm. He has served in FOI (formerly FOA) since 1990. He graduated from Georgetown University (MSc. (Hons)) in 1988 and then he was educated at King's College London, University of London where he received his Ph.D. in 2006. He also received Reserve Officers Training, Royal Swedish Naval Academy in 1980. Presently, he is seconded as Senior Advisor to the Secretariat for Strategy and Security Policy at the MoD, with the main task of implementing defense reform. He was Captain, Royal Swedish Amphibious Corps Reserve, now with J-3; Joint Operations HQ, and formerly held various positions in combat units.

His recent publications include a critical survey of arguments for and against Swedish membership of NATO; a short monograph and journal-articles on the implications for Swedish policy and force structure of the internationalisation of national security; ditto on the defensibility of the Baltic states (published in four countries so far); and a journal-article on Swedish national interests and naval strategy. A separate list of publications is available on demand. He is a member of the Royal Swedish Academy of War Sciences, the International Institute for Strategic Studies, the Swedish Commission on Military History, and the Swedish Foreign Policy Society; and corresponding member of the Royal Swedish Naval Society.

## [Chapter 11]

**Vice Admiral (Retired) Arun Kumar Singh** retired in 2007, after 40 years' service in the Indian Navy. During his service career he was a nuclear submariner who commanded various warships, submarines, submarine bases and submarine squadrons. He held the following posts: Rear Admiral; Flag Officer Submarines, Assistant Chief of Naval Staff (Submarines), and Flag Officer Commanding Eastern Fleet. In this capacity he was in exercises with various navies including the navies of Japan, South Korea and China. As Vice Admiral, he held the following posts: Director General of the Indian Coast Guard, Commander-in-Chief of the Joint Andaman & Nicobar Command, and Flag Officer Commanding-in-Chief, Eastern Naval Command (this was his final appointment before retirement). When he was Director General of the Indian Coast Guard, he signed the Hotline Agreement in 2005 with the Maritime Security Agency of Pakistan, and also was in exercises with the coast guards of Japan, South Korea and the Maldives. He also commanded the Indian Coast Guard rescue and relief operations in India, Sri Lanka and Maldives, after the tsunami disaster on December 26, 2004. After retirement, Vice Admiral Arun Kumar Singh became a life member of various think tanks. He is also a prolific writer and speaker on maritime and nuclear issues and international affairs, and is an internationally respected strategic analyst. He has addressed various military institutions, universities, think tanks and symposiums in India and abroad.

## [Chapter 12]

**Mr. Sugio Takahashi** is Senior Fellow of the National Institute for Defense Studies and is currently Deputy Director of the Office of Strategic Planning of the Ministry of Defense in Tokyo, Japan. In that capacity, he contributed to the drafting process of the National Defense Program Guidelines released by the Government of Japan in December 2010. He received his MA and BA from Waseda University and MA from George Washington University. Mr. Takahashi has published extensively in the areas of nuclear strategy, the Japan-U.S. alliance, and East Asian regional security including "Counter A2/AD in Japan-U.S. Defense Cooperation: Toward an Allied Air-Sea Battle,"



Futuregram 12-3, (Project 2049, 2012), “Transformation of Japan’s Defense Industry? Assessing the Impact of the Revolution in Military Affairs,” *Security Challenges*, Vol. 4, No. 4 (Summer 2008); “Toward Japan-ROK Security Cooperation beyond Northeast Asia,” *The Korean Journal of Defense Analysis*, Vol. XIX, No. 3 (Fall 2007); “Dealing with the Ballistic Missile Threat: Whether Japan Should Have a Strike Capability under its Exclusively Defense-Oriented Policy,” *NIDS Security Reports*, No. 7 (December 2006), pp.79-94.