

Contributors

Gary Waters spent 33 years in the Royal Australian Air Force, including as a Directing Staff member at the RAAF Staff College; manager of the RAAF's Air Power Studies Centre; and Director Capability Planning in the Australian Defence Headquarters. He has served in London as Head of the Australian Defence Staff; Head of the Theatre Headquarters Project; and Director General Operation *Safe Base* (essentially leading a security operation after the 11 September 2001 terrorist attacks in the United States). Following his retirement (as an Air Commodore) in 2002, Gary Waters became the inaugural Assistant Secretary Knowledge Planning in Defence and, later, Assistant Secretary Information Strategy and Futures within the Chief Information Officer Group, before joining Jacobs Australia as Head of Strategic Initiatives in September 2005. He is currently responsible for its strategic planning and management and reports to the Managing Director. Gary Waters has written 11 books on doctrine, strategy and historical aspects associated with the use of military force, including *Transforming the Australian Defence Force for Information Superiority* (with Desmond Ball) and *Firepower to Win* (with Alan Titheridge and Ross Babbage). Gary Waters is a graduate of a number of institutions: the United Kingdom's Royal Air Force Staff College; the University of New South Wales (MA (Hons) in history); and the Australian Institute of Company Directors. He is a Fellow of the Royal Melbourne Institute of Technology (graduating in accounting and economics) and an Associate of the Australian Society of CPAs. He has recently been awarded his PhD from The Australian National University, where the title of his thesis was 'Networking the ADF for Operations in the Information Age'. A former Fellow of the Australian Institute of Company Directors and Vice President of the United Services Institute, he currently serves as a Board member and Treasurer of the Kokoda Foundation in Canberra.

Desmond Ball is Special Professor at The Australian National University's Strategic and Defence Studies Centre, having been Head of the Centre from 1984 to 1991. Professor Ball is the author or editor of more than 40 books or monographs on technical intelligence subjects, nuclear strategy, Australian defence, and security in the Asia-Pacific region. His publications include *The Boys in Black: The Thahan Phran (Rangers)*, *Thailand's Para-military Border Guards*; *Burma's Military Secrets: Signals Intelligence (SIGINT) from the Second World War to Civil War and Cyber Warfare*; *Signals Intelligence in the Post-Cold War Era: Developments in the Asia-Pacific Region*; *Presumptive Engagement: Australia's Asia-Pacific Security Policy in the 1990s* (with Pauline Kerr); *Breaking the Codes: Australia's KGB Network, 1944–50* (with David Horner); and *Death in Balibo, Lies in Canberra* (with Hamish McDonald). He has also written articles on issues such as the strategic culture in the Asia-Pacific region and defence acquisition programs in the region. Professor Ball was elected a Fellow of the

Academy of Social Sciences of Australia in 1986. He served on the Council of the International Institute for Strategic Studies from 1994 until 2000, and was Co-chair of the Steering Committee of the Council for Security Cooperation in the Asia-Pacific from 2000 until 2002.

Ian Dudgeon is the principal of a Canberra-based consultancy whose services include writing of policy and providing policy advice on and reviews of national security issues. He has served previously in both the Foreign Affairs and Trade and Defence portfolios, and held senior appointments in the Australian Intelligence Community (AIC). This service has included some 12 years on overseas postings in Europe, Asia and the Americas. He is the author of major policy studies for government on Australia's national information infrastructure, AIC support to military operations, and information operations, and of articles published in *Security Challenges*, journal of the Kokoda Foundation, and *Defender*, journal of the Australian Defence Association. He has also lectured at The Australian National University, the Australian Defence Force Academy, University of New South Wales and at other conferences and seminars on national security issues. Ian Dudgeon is presently President of the ACT branch of the Australian Institute of International Affairs, holds a Bachelor of Economics degree from Monash University, is a Graduate of the Australian Institute of Company Directors and has attended a residential Advanced Management Program at Harvard University's Graduate School of Business Administration.