

The future of arms control

Cooperative arms limitations and reductions in times of global change

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SHORT BIOGRAPHIES OF CONTRIBUTORS

Engaging North Korea and promoting disarmament and non-proliferation in Northeast Asia

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Former U.N. Under-Secretary-General for Disarmament Affairs (2003-06), Ambassador of Japan to the IAEA and other international organizations in Vienna (1999-2001), Saudi Arabia (01-03) and Switzerland (06-08), Director-General for Arms Control and Science Affairs, Foreign Ministry of Japan (1997-99). Member, Advisory Board, International Commission on Nuclear Nonproliferation and Disarmament (ICNND) (2008-10), U.N. Secretary-General's Advisory Board on Disarmament Matters (2008-12). Current Membership: Advisory Board, Geneva Centre for Security Policy (GCSP); United Nations University Council; Board, World Institute for Nuclear Security (WINS); Asia-Pacific Leadership Network for Nuclear Non-proliferation and Disarmament (APLN); International Institute for Security Studies (IISS). Visiting Professor, Akita International University. Also teaches at International Christian University, Tokyo.

Weapons of Mass Destruction in the Middle East

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Dr. Mohamed Kadry Said Abdelaal is Maj. Gen. (ret.), Military and Technology Advisor and Head of the Security Studies Unit of Al-Ahram Center for Political and Strategic Studies (ACPSS), Cairo. He is board member of the Pugwash Conferences on Science and World Affairs; member of the Egyptian Council for Foreign Affairs since August 2000; member of the American Planetary Society since 1990. He has a B.Sc. in military science and mechanical engineering from the Military Technical College (MTC), Cairo, Egypt (1970); and Ph.D in mechanical engineering from the "Ecole Nationale Supérieure de l'Aéronautique et de l'Espace (ENSAE)", Toulouse (1981). He joined Al-Ahram Center in July 1998. Mohamed Kadry Said Abdelaal is a member of the Euro-Mediterranean Security and Cooperation (EuroMeSCo) working group on the Euro-Med Security Charter and contributor to its final reports on "Building Blocks for the Euro-Med Charter on Peace and Stability" January 2000 and "Barcelona Plus: Towards a Euro-Mediterranean Community of Democratic States" April 2005. From 2008 to 2010 he lectured on international security at the American University in Cairo. His current research interests are Middle East and Mediterranean security; WMD proliferation; security sector reform, military strategy and armament technology.

The evolution of arms control: A longer-term perspective

Alyson JK Bailes, Adjunct Professor at the University of Iceland and a Visiting Professor at the College of Europe in Bruges, specializing in security studies.

Alyson JK Bailes was a British diplomat for most of her career, working mainly on European and politico-military issues and ending as Ambassador at Helsinki. From 2002-7 she was Director of the Stockholm International Peace Research Institute, SIPRI. Arms control and disarmament are among

her long-term interests, together with regional security cooperation, public/private cooperation and Nordic affairs. She now writes largely on Arctic and 'small state' themes and is a member of an independent commission in the UK discussing the future of Trident.

Rt Hon Lord Browne of Ladyton (Des Browne), Convenor of the Top Level Group of Parliamentarians for Multi-Lateral Nuclear Disarmament and Non-proliferation; Convenor of the European Leadership Network.

Des Browne was admitted as a solicitor in 1976 and called to the Scottish Bar in 1993. In 1997, he was elected MP for Kilmarnock and Loudoun and represented that constituency until 2010. As a back-bencher, he served on the Northern Ireland Affairs and Public Administration Select Committees. In 1998, he became the PPS to Donald Dewar, Secretary of State for Scotland. In 2000, he became PPS to Adam Ingram, Minister of State for Northern Ireland. Subsequently, he served on the first Joint Committee on Human Rights. In 2001, he was appointed Parliamentary Under-Secretary of State for Northern Ireland; in 2003 promoted to Minister of State for Work at the Department for Work & Pensions and in 2004 Minister for Immigration & Citizenship in the Home Office. Re-elected in 2005, he joined the Cabinet as Chief Secretary to the Treasury and appointed to the Privy Council. In 2006, he was appointed Secretary of State for Defence and from 2007-2008 he combined this role with the role of Secretary of State for Scotland. In October 2008, he returned to the back-benches and was appointed PM Gordon Brown's Special Envoy to Sri Lanka. He also served on the first Joint Committee on the National Security Strategy. In July 2010 he was introduced to the House of Lords.

Ben Coetzee, Senior Researcher, Institute for Security Studies, Pretoria.

Ben Coetzee joined the ISS in 2003 after serving in the South African Police Service for thirteen years. Ben is the Programme Manager of the Arms Management Programme and a Senior Researcher at the Pretoria Office of the Institute for Security Studies. His work focuses on Arms Control in Africa in all its aspects. His major research interests are qualitative management of small arms and light weapons and the effect of better arms control on human security. Ben holds a Magister Technologiae (M Tech) in Policing from the University of South Africa.

Dennis M. Gormley, senior research fellow at the Matthew B. Ridgway Center for International Security Studies and a member of the faculty of the Graduate School of Public and International Affairs at the University of Pittsburgh.

Dennis M. Gormley served as a senior vice president for 20 years with Pacific-Sierra Research, where he headed the firm's east coast operations and served on its board of directors. He was twice affiliated with the International Institute for Strategic Studies in London and has also been a senior fellow at the Monterey Institute's James Martin Center for Nonproliferation Studies during his career. Gormley has chaired or served on numerous U.S. Department of Defense, and intelligence community advisory panels and testified several times before Senate and House congressional committees. Gormley currently serves as a commissioner on a three-year non-governmental Commission on Challenges to Deep Cuts in Nuclear Weapons, a German, U.S., and Russian study project to analyze the next steps in nuclear disarmament. He also currently serves as a member of The Stimson Center Commission on U.S. Drone Policy, which is examining the implications of present drone use for U.S. foreign and security policy. Gormley received a BA and MA in history from the University of Connecticut and then served as an officer in the U.S. Army from 1966 to 1969. Before joining Pacific-Sierra Research in 1979, he served in the U.S. Intelligence Community for 10 years, including seven years as head of foreign intelligence at the U.S. Army's Harry Diamond Laboratories in Washington, D.C. He is the author of over 100 publications, including four books—most recently, *Missile Contagion: Cruise Missile Proliferation and the Threat to International Security* (Praeger, 2008).

Mark Hibbs, senior associate in Carnegie's Nuclear Policy Program, based in Berlin.

Before joining Carnegie, for over twenty years Mark Hibbs was an editor and correspondent for nuclear energy publications including *Nucleonics Week* and *Nuclear Fuel*, published by the Platts division of the McGraw-Hill Companies.

Hibbs started at McGraw-Hill as the European editor, then became editor for the Asia-Pacific, and finally, in addition to his Asia-Pacific responsibilities, senior correspondent. From the late 1980s until the mid-1990s, he covered nuclear developments in the Soviet bloc, including research on the USSR's nuclear-fuel-cycle facilities and its nuclear-materials inventories. Since the mid-1990s, his work has focused emerging nuclear programs in Asia, including China and India. Throughout the last two decades, many of the over 3,000 articles he wrote investigated nuclear-proliferation-related developments in Argentina, Brazil, China, India, Iran, Iraq, Israel, Japan, Libya, North and South Korea, Pakistan, South Africa, Syria, and Taiwan. Since 2003, he has made many detailed findings about clandestine procurement in Europe related to gas centrifuge uranium-enrichment programs in Iran, Libya, North Korea, and Pakistan.

Pervez Amirali Hoodbhoy, teaches physics and mathematics at Forman Christian College-University in Lahore, Pakistan; member of the UN Secretary General's Advisory Board on Disarmament.

Pervez Amirali Hoodbhoy received his BS, MS, and Ph.D degrees, all from the Massachusetts Institute of Technology. He is a recipient of the Baker Award for Electronics and the Abdus Salam Prize for Mathematics. He was visiting professor at MIT, Carnegie Mellon University, and the University of Maryland. In 2003 he was awarded UNESCO's Kalinga Prize for the popularization of science. Also in 2003, Dr. Hoodbhoy was invited to the Pugwash Council. He is a sponsor of The Bulletin of the Atomic Scientists, and a member of the Permanent Monitoring Panel on Terrorism of the World Federation of Scientists. In 2010, Dr. Hoodbhoy received the Joseph A. Burton Award from the American Physical Society and the Jean Meyer Award from Tufts University. In 2011, he was included in the list of 100 most influential global thinkers by Foreign Policy magazine. As the head of Mashal Books in Lahore, he leads a major translation effort to produce books in Urdu that promote modern thought, human rights, and emancipation of women.

Marc Kösling, Bonn Center for Conversion

Marc Kösling (Dipl.-Soz.-Wiss.) works in the area of Small Arms and Light Weapons (SALW) control at Bonn International Center for Conversion (BICC). He studied at the University of Duisburg-Essen with Political Science as major and a minor in Psychology. Marc Kösling co-authored the extensive BICC study on Man-Portable-Air-Defense-Systems (MANPADS) and their threat to civilian aviation and was the project manager of the conference "Smart Technology in SALW Control: Civilian Protection, the UN-POA, and Transfer Control" (SmartCon). Other research interests include PSSM, international regimes, and regional cooperation.

Bernd W. Kubbig, project director at the Peace Research Institute Frankfurt (PRIF) and Adj. Professor (Privatdozent) at Goethe University, Frankfurt.

Bernd W. Kubbig he has been coordinating the international expert groups 'Multilateral Study Group on the Establishment of a Missile Free Zone in the Middle East' and the 'Academic Peace Orchestra Middle East' since 2006. He is the publisher of the Routledge study "Arms Control and Missile Proliferation in the Middle East" and co-editor of the Series of Policy Briefs for the Middle East Conference on a WMD/DVs Free Zone. He specializes in U.S. Foreign and Security Policy, especially on the Middle East, missile defense, and space.

Emily Landau, Senior Research Associate and Director of the Arms Control and Regional Security program at the Institute for National Security Studies (INSS), Tel Aviv University.

Emily Landau has published and lectured extensively on nuclear proliferation, regional security, and arms control efforts in the Middle East; efforts to confront the proliferation challenges posed by Iran and North Korea; Israel's nuclear image and policy; and developments in US and global arms control

thinking regarding weapons of mass destruction in the post-Cold War world. Among her many publications is *Arms Control in the Middle East: Cooperative Security Dialogue and Regional Constraints* (Sussex Academic Press, 2006) and *Decade of Diplomacy: Negotiations with Iran and North Korea and the Future of Nuclear Non-Proliferation* (INSS, 2012).

Dr. Landau teaches nuclear strategy, negotiations and arms control in the Executive MA program in Diplomacy and Security at Tel Aviv University, in the International School at the University of Haifa, and in the Lauder School of Government, IDC Herzliya.

She is a frequent commentator to Israeli and leading international media on her topics of expertise. She is also an active participant in Track II initiatives on regional security in the Middle East. She has served on the steering committee of EuroMeSCo, and serves on the board of advisory editors of *Fathom*. Dr. Landau holds a Ph.D. from the Hebrew University of Jerusalem.

Götz Neuneck, Deputy Direktor Institute for Peace Research and Security Policy IFSH at the University of Hamburg and Head of the Interdisciplinary Research Group Arms Control and Disarmament (IFAR).

Dr. Götz Neuneck trained as a physicist at the University Düsseldorf, he was from 1984 to 1987 fellow at the Working Group Afheldt in the Max-Planck-Society, a successor of the Max-Planck-Institute of C.F. von Weizsäcker in Starnberg near Munich. In 1995 he received his PhD. in mathematics at the University of Hamburg and is since 2007 he is a Professor at the Faculty of Mathematics, Informatics and Natural Sciences at the University of Hamburg, directing the Masterprogram "Peace and Security Studies" (MPS). Since 2001 he is speaker of the Working Group "Physics and Disarmament" of the German Physical Society and member of the Council of the "Pugwash Conferences on Science and World Affairs as well as Representative of the Union of German Academies of Sciences with the Amaldi Conferences. Current working areas are: Nuclear Arms Control and Disarmament, Ballistic Missile defense, Space/Cyber Security, Nonproliferation of Military Technology. He was 2005 and 2010 a member of the German delegation for the NPT Review Conference.

Steven Pifer, director of the Brookings Arms Control Initiative and a senior fellow with the Center for 21st Century Security and Intelligence and the Center on the United States and Europe in the Foreign Policy program at Brookings.

Steven Pifer is a retired Foreign Service officer, his more than 25 years with the Department of State focused on U.S. relations with the former Soviet Union and Europe, as well as on arms control and security issues and included assignments as deputy assistant secretary, ambassador to Ukraine, and special assistant to the president and senior director on the National Security Council for Russia, Ukraine and Eurasia.

Steven Pifer also served at the U.S. embassies in Warsaw, Moscow, and London, as well as with the U.S. delegation to the Intermediate-Range Nuclear Forces negotiations in Geneva. He is a member of the Council on Foreign Relations.

John Pokoo is the Coordinator of the Regional Small Arms and Light Weapons Training Programme at the Kofi Annan International Peacekeeping Training Centre (KAIPTC) in Accra, Ghana. At KAIPTC, he has coordinated the design of four inter-related training courses in small Arms foundation, stockpile management, marking and training and border security management. In addition, he teaches, facilitates and offers training support for other KAIPTC programs. Prior to joining KAIPTC, Mr. Pokoo worked with the Canadian High Commission and was a news reporter for the Daily

Graphic, Ghana's largest circulation newspaper. He holds an MA in Contemporary War and Peace Studies from the University of Sussex, Brighton, United Kingdom, a BA (Hons) in Political Science, University of Ghana, and a Diploma in Journalism. In addition, Mr. Pokoo has a Professional Certificate in Management (Distance learning) from the Open University, United Kingdom. He has consulted for the Ghana National Road Safety Commission, Basic Needs-a mental health NGO, and the West Africa Network for Peace building. He has written and published numerous research articles and reports and facilitated a number of conferences and workshops.

Nikolai N. Sokov, Senior Fellow at the Vienna Center for Disarmament and Non-Proliferation (VCDNP).

Nikolai Sokov's main research areas are: nuclear and strategic arms control, arms control agreements, Command, Control, Communications & Intelligence (C3I), emerging reorientation of Russia's foreign policy, Russia's perception of NATO, Russian and US Systems.

Beginning in 1981, Nikolai Sokov worked at the Institute of US and Canadian Studies and the Institute of World Economy and International Relations in Moscow. From 1987-92 he worked at the Ministry for Foreign Affairs of the Soviet Union and later Russia, and participated in START I and START II negotiations as well as in a number of summit and ministerial meetings. Nikolai Sokov has a Ph.D. from the University of Michigan (1996) and (the Soviet equivalent of a Ph.D.) Candidate of Historical Sciences degree from the Institute of World Economy and International Relations (1986). He graduated from Moscow State University in 1981.