

About the authors

James H. Bergeron is Political Advisor to the Commander, NATO Allied Maritime Command in Northwood UK and previously the POLAD to Naval Striking and Support Forces NATO. Operational POLAD tours include Joint Task Force Lebanon 2006, the Russia-Georgia Conflict 2008 and to NATO's CJTF Operation Unified Protector. He is regularly consulted on NATO political affairs and was one of the drafters of the Alliance Maritime Strategy. A former law professor and a retired Commander in the US Navy Reserve, he taught EU and international law for 15 years and published in the areas of international law, antitrust and security studies. He holds a BA from Regents College, MA (Political Science) and Juris Doctor from Syracuse and LLM from the London School of Economics. He is Honorary Professor of Law, Government and Criminology at the University of Plymouth and a member of the Council on Foreign Relations.

Keith E. Blount is the Commander of NATO's Allied Maritime Command. He is NATO's principal maritime adviser and has operational Command of NATO's Standing Naval Forces. He joined the Royal Navy in 1984 as a helicopter pilot, received his wings in 1986, and was a front line aviator at the age of 20. Through a varied flying career, he qualified as an instructor and flew in the Royal Navy Helicopter Display Team. Blount has blended his aviation experience with a broad span of time at sea and in Command. He has sailed in NATO Task Groups during Operation Sharpguard and Operation Active Endeavour and worked together with NATO during periods with the Combined Maritime Forces and EUNAVFOR. He has commanded three warships, including the helicopter carrier HMS OCEAN and was the Iraqi Maritime Task Group Commander during Operation TELIC. More recently, he was the United Kingdom's Maritime Component Commander, based in Bahrain, spanning Operations in Syria and Iraq. His staff appointments have included three periods in the Ministry of Defence and his last London assignment was as Military Assistant to the Vice Chief of the Defence Staff. He holds a Master of Arts degree in Defence Studies, was appointed Officer of the Order of the British Empire in 2012, Companion of the Order of the Bath in 2018 and is a Fellow of the Royal Aeronautical Society. Following almost four years as the Head of the Fleet Air Arm and the officer accountable for the Queen Elizabeth Class aircraft carriers, he was appointed as the Commander of NATO's Maritime Command in May 2019.

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Sebastian Bruns heads the Center for Maritime Strategy & Security (CMSS) at the ISPK. He is a specialist in naval strategy and the German and United States navies. Sebastian holds a PhD in Political Science (U of Kiel). His critically acclaimed study “US Naval Strategy and National Security. The Evolution of American Maritime Power” (Routledge: London, 2017) follows American sea power from the late Cold War to today. He is the editor of the Routledge Handbook of Naval Strategy and Security, together with Joachim Krause (Routledge: London, 2016). His latest book is “Conceptualizing Naval & Maritime Strategy”, edited with Sarandis Papadopoulos, which brings together maritime strategy experts from the U.S., Europe, and Asia (Nomos: Baden-Baden 2020). Dr. Bruns is the Director of the Kiel Seapower Series, Conference Chairman of the Kiel International Seapower Symposia, and a major player in various maritime strategy events such as the Kiel Conferences 2015 & 2016 and the Baltic Sea Strategy Forum series. He has contributed to national and international media, edited volumes, professional magazines, journals, and online publications. As the only non-American citizen, he was selected to contribute to a U.S. Navy research series on naval history and strategy (2016). Sebastian also taught at the University of Kiel. Before coming to Kiel, Sebastian served Rep. Todd Young (R-IN) as legislative aide in the 112th U.S. Congress (2010-2011) in Washington, D.C., handling the Congressman’s defense and military policy. Sebastian holds an M.A. in North American Studies from the University of Bonn (2007), spent time abroad studying at the University of Copenhagen, and is an avid fan of soccer, the sea, “The Simpsons”, and the epic music of Dire Straits.

James E. Fanell concluded a near 30-year career as a naval intelligence officer (retiring as Captain) specializing in Indo-Pacific security affairs, with an emphasis on China's navy and operations. His most recent assignment was the Director of Intelligence and Information Operations for the U.S. Pacific Fleet. He served in an unprecedented series of afloat and ashore assignments focused on China, as the Assistant Chief of Staff for Intelligence for the U.S. Seventh Fleet aboard the USS Blue Ridge as well as the USS Kitty Hawk aircraft carrier strike group both forward deployed to Japan. Ashore he was the U.S. Navy's China Senior Intelligence Officer at the Office of Naval Intelligence. In addition to these assignments in the Navy, he was a National Security Affairs Fellow at the Hoover Institution at Stanford University and is currently a Government Fellow with the Geneva Centre for Security Policy in Switzerland. He is an accomplished international public speaker most notably at AFCEA West / U.S. Naval Institute China Panels in 2013 and 2014, the U.S.-China Economic and Security Re-

view Commission in 2017, as well as before the U.S. House of Representatives Permanent Select Committee on Intelligence in 2018. He has an extensive list of published works regarding China.

James Goldrick had service around the world in the Royal Australian Navy and on exchange with the British Royal Navy. An anti-submarine specialist, he commanded HMA Ships Cessnock and Sydney (twice), the Australian Surface Task Group and the multinational maritime interception force in the Persian Gulf in 2002 and Australia's inter-agency Border Protection Command in 2006-2008. Other commands included the Australian Defence Force Academy (ADFA) (twice – 2003-2006 and 2011-2012), and the Australian Defence College (2008-2011). He is an Adjunct Professor at the University of NSW Canberra (ADFA), Adjunct in the Strategic and Defence Studies Centre at the Australian National University, and a Professorial Fellow of the Australian National Centre for Ocean Resources and Security at the University of Wollongong. He has published in many academic and professional journals and contributed chapters to more than 40 books. His books include: *The King's Ships Were at Sea: The War in the North Sea, August 1914 – February 1915*. A much revised and extended edition *Before Jutland: The Naval War in Northern European Waters, August 1914-February 1915* won the Anderson Medal of the Navy Records Society for 2015. It was followed by *After Jutland: The Naval War in Northern European Waters: June 1916-November 1918*. Other books include *No Easy Answers: The Development of the Navies of India, Pakistan, Bangladesh and Sri Lanka* and, with Jack McCaffrie, *Navies of South-East Asia: A Comparative Study*.

Niklas Granholm is Deputy Director of studies at the Swedish Defence Research Agency, FOI, department for security policy and strategy. With secondments to the Swedish Foreign- and Defence Ministries, fields of analysis relate to naval and maritime strategy, geostrategic change in the Arctic, Nordic, transatlantic and European security and defence policy, nuclear strategic development and peace support/crisis management operations. He is a fellow and Board member of the Royal Swedish Society for Naval Sciences (KÖMS), a fellow of the Royal Swedish Academy of War Sciences (KkrVA) and an Associate Fellow of the Royal United Services Institute (RUSI) in London. He is a reserve officer in the Swedish Amphibious Corps with the rank of Lieutenant Colonel.

About the authors

Tom Guy has enjoyed a varied career as a warfare, staff and commanding officer at sea and ashore, across the NATO AOR, and the Middle and Far East. Since 2017, he is the Deputy Director of the NATO Combined Joint Operations from the Sea Centre of Excellence, located in Norfolk, VA. Tom's early appointments included a wide variety of ships, from patrol craft to mine-hunters, frigates, destroyers and aircraft carriers, ranging from fishery protection to counter-piracy and UN embargo operations as well as training and operating with a broad range of NATO allies. An anti-submarine warfare officer by background, he commanded the minehunter HMS Shoreham and the frigate HMS Northumberland. Ashore he worked in the strategy area of the MOD and directed the Naval Division of the Joint Staff College. He served as Chief of Staff to the UK's Commander Amphibious Task Group, as the Captain (Surface Ships) of the Devonport Flotilla, and in force generation in Navy Command Headquarters. Operational Staff appointments have included tours ashore and afloat in the Balkans and the Gulf, including service in the Headquarters of the Multi National Force Iraq (Baghdad) in 2005. In 2016-17 he was the Deputy UK Maritime Component Commander in Bahrain, working alongside the US Fifth Fleet Headquarters.

Frank G. Hoffmann serves as a Distinguished Research Fellow at Institute for National Strategic Studies at the U.S. National Defense University in Washington, DC where he has served since 2011. He is a retired U.S. Marine infantry officer. He has served over 42 years in the U.S. defense establishment. In addition to his research portfolio in strategy and military innovation, he regularly teaches at NDU and the wider US joint education system. He also serves on the Board of Advisors at the Foreign Policy Research Institute, and as a Senior Associate Fellow at the Royal United Services Institute. Dr. Hoffman graduated from the University of Pennsylvania in 1978, and holds Master's degrees from George Mason University and the U.S. Naval War College. He earned his Ph.D. in War Studies from King's College, London.

Sidharth Kaushal is the Research Fellow for Sea Power in the Military Sciences Team at the Royal United Services Institute. He has authored recent studies on the future of carrier enabled power projection, competitive advantage in persistent competition, the future of amphibious forces and the future trajectory of the PLAN. Sidharth holds a doctorate in International Relations from the London School of Economics, where his research examined the ways in which strategic culture shapes the contours of a state's grand strategy.

Frédéric Lasserre holds a Master of Commerce (ESC Lyon, 1990), an MBA (York U., Toronto, 1991), a DEA in Geopolitics (U. Paris VIII, 1992) and a Ph.D. in Geography (U. Saint-Étienne, France, 1996). He worked as a consultant with the European Observatory of Geopolitics (OEG, Lyon, France) on the political and economic transformations of Central and Eastern Europe after the fall of the Berlin Wall, then as a foreign language instructor in Japan, then as Advisor in International Affairs on Asian Desks at the Quebec Ministry of Trade and Industry; and then with Investissement Québec, the Crown corporation responsible for the promotion of foreign investment in Quebec. He is now professor at the Geography Department at Laval University since 2001. He chairs the Quebec Council for Geopolitical Studies (CQEG) and acted as ArcticNet's Project Director between 2010 and 2015.

Kaspar Pajos is a Voluntary National Contribution from Estonia serving in the Defence Policy and Planning Division of NATO's International Staff. Prior to working at NATO, he worked in the Estonian Ministry of Defence.

Sarantis Papadopoulos received his B.A. from the University of Toronto, an M.A. in military and naval history from the University of Alabama and earned a Ph.D. from the George Washington University (GWU). At GWU his dissertation was entitled “Feeding the Sharks: The Logistics of Submarine Warfare, 1935-1945.” He has been a Lecturer in History at GWU and the University of Maryland, College Park, worked at the US Navy History and Heritage Command, and is currently the Secretariat Historian for the Department of the Navy. His publications include articles, book reviews, reference works, and service as principal co-author of the book *Pentagon 9/11*, published under the auspices of the Historian, Office of the Secretary of Defense. In August 2016 the Society for Military History Council appointed him Vice President. He is also President of the U.S. Commission on Military History and an organizer of its Military Classics Seminar. A recipient of the Department of the Navy Superior and Distinguished Civilian Service Awards, Papadopoulos is also Region III Coordinator for the Society for Military History.

Chris Parry commanded naval, amphibious and air formations and units in the Royal Navy and held five senior Ministry of Defence and Joint policy appointments. He served in the helicopter flight in the destroyer ANTRIM in the Falklands, where he detected and disabled the Argentinian submarine Santa Fe with depth charges. After retiring from the active line of du-

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ty, Parry has worked in the private sector and as a writer, broadcaster, and speaker. He is the author of the book: *Super Highway: Sea Power in the 21st Century* (Elliott & Thompson Limited). He now runs a strategic forecasting and geopolitical risk company, as well as working as a consultant, author and academic.

Pauline Pic is a PhD Candidate at Laval University, in Quebec. She is the 2020 fellow of the social and human working group of the International Arctic Science committee. She holds a master's in Geography from Paris-Sorbonne University. Her research is supervised by Pr. Frédéric Lasserre (Laval University) and Pr. Stéphane Roussel (ENAP) and questions the definition of security in the Arctic region. She especially focuses on the spatial dynamics of security.

Deborah Sanders is a Reader in Defence and Security Studies in the Defence Studies Department of King's College London at the Joint Services Command and Staff College where she specialises in maritime issues and military transformation in the Black Sea. She is a founding member of the UK Consortium on Small Navies and the Corbett Centre at the UK Defence Academy and was awarded her doctorate in 1997 from Aberystwyth University. Dr Sanders has taught at the Joint Services Command and Staff College specialising in Professional Military Education for more than twenty years as well as the Royal College of Defence Studies in London. She has published extensively on the Black Sea and her most recent publications include *Europe, Small Navies and Maritime Security* (Routledge, 2019) and *Cooperation between small navies in the Black Sea: Potential for alternative naval operations*.

John Sherwood, is a historian with the U.S. Navy's Naval History and Heritage Command, and the author of six book on naval and air power history, including *War in the Shallows: U.S. Navy Coastal and Riverine Warfare in Vietnam, 1965-1968*, winner of the John Lyman book award. In 2019, he studied the naval and coast guard response to the European migration as a resident Fulbright scholar at the Institute for Security Policy Studies (ISPK) at Kiel University and the Hellenic National Defense College in Athens. His current book project focuses on humanitarian operations involving the sea services.

Dirk Siebels is a Senior Analyst at Risk Intelligence, a Denmark-based security intelligence company where he is responsible for analysis on countries in sub-Saharan Africa. He holds a PhD from the University of Greenwich

in London. His research concentrates on maritime security issues in sub-Saharan Africa, including the role of ports and maritime trade, IUU fishing, offshore energy production and the evolution of private maritime security providers. Dirk has written extensively on these subjects and contributed to a number of research projects. He is also academic advisor for the NATO-accredited Maritime Security Centre of Excellence (MARSEC COE) in Istanbul, part of the expert network for CEMLAWS Africa, a Ghana-based think-tank, and has published a book that includes many aspects of his research.

Bruce B. Stubbs is Director Navy Strategy and Strategic Concepts (OPNAV N722) at the U.S. Department of Defense. Navy Strategy and Strategic Concepts supports the Chief of Naval Operations by developing actionable strategic guidance to inform the Navy's annual budget builds; articulating Navy strategies and value to internal and external audiences; and producing Navy and maritime strategies to align with emerging security trends and national guidance. Previously, Mr. Stubbs was Director of the Strategy Division (OPNAV N50). Prior to this, he was responsible for the coordination and implementation of Maritime Domain Awareness programmes, policies and related issues across the Defense Department, and served as Deputy Under Secretary of the Navy (Acting). Prior to joining the Department of the Navy, he was Maritime Security Advisor to the Special Envoy for Middle East Regional Security. He began his career as an officer in the US Coast Guard. Following his Coast Guard service, he worked in industry as a national security consultant, participating in the development of current maritime and homeland security strategies. He has received numerous awards, including the Coast Guard Distinguished Service Medal, the Legion of Merit, and the Department of the Navy's Distinguished Civilian Service Award and Superior Civilian Service Award. He holds a BS from the US Coast Guard Academy, an MBA from the University of Washington and an MA with distinction from the Naval War College.

Jeremy Stöhs is Deputy Director of the Austrian Center for Intelligence, Propaganda & Security (ACIPSS) as well as a non-resident fellow at ISPK's Center for Maritime Strategy & Security. He holds a master's degree in history and English (University of Graz) and a Ph.D. in political sciences (Kiel University). His publications include *The Decline of European Naval Forces: Challenges to Sea Power in an Age of Fiscal Austerity and Political Uncertainty* (Naval Institute Press, 2018) and *How High! The Future of European Naval Power and the High-End Challenge* (Djoef Publishing & Centre for Military Studies, 2021). Prior to his studies, he worked in law

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enforcement and currently heads Sicher Leben in Graz, an institution focused on public security and safety.

Sarah Tarry is the Director of Defence Policy and Capabilities in the Defence Policy and Planning Division of NATO's International Staff. Prior to working at NATO, she worked in the Canadian Ministry of Defence and Canada's Privy Council Office. She also was an officer in Canada's Naval Reserve from 1999 until 2008.

Alix Valenti is a defence and security expert with over 15 years of international work experience. As a defence and security journalist focusing on naval procurement and strategy around the world, she has published articles in a wide variety of defence media, including IHS Jane's, Shephard Media and Armada International; she was also editor in chief of Naval Forces for two years. Dr Valenti also regularly works on projects for the European Commission in the area of justice and home affairs. She holds a PhD in Development Planning from UCL, where she studied the impact of international organisations on the institutional and urban reconstruction of countries after conflict.