

Contributors

Erik Franckx is full-time research professor and President of the Department of International and European Law, Faculty of Law and Criminology, Vrije Universiteit Brussel (VUB). Since 2017 he has served as President of the Belgian Society of International Law. He holds teaching assignments at Vesalius College (VUB); Université Libre de Bruxelles; Brussels School of International Studies (University of Kent); Institute of European Studies (VUB); Université Paris-Sorbonne Abu Dhabi, United Arab Emirates; and the University of Akureyri, Iceland. He is appointed by Belgium as an expert in maritime boundary delimitation to the International Hydrographic Organization (2005–); member of the Permanent Court of Arbitration (2006–); member of the national Commission for the Reform of Private and Public Maritime Law (2012–); and arbitrator under the United Nations Convention on the Law of the Sea (2014–). He has taught about 20 short courses since 1992 in diverse countries and was an invited speaker at about 70 international conferences during the period 2006–15. He served as a consultant to governments, international, supranational and non-governmental organisations. He served as the only foreign legal counsel on behalf of the Netherlands in the Arctic Sunrise Arbitration against the Russian Federation (2013–). He has published widely, with a special interest in the law of the sea. As a former student of Professor Louis B Sohn at the University of Georgia, Athens, USA, where Professor Franckx obtained an LLM, he was privileged to be invited to update the second edition of the two major publications on the law of the sea, namely Louis B Sohn, John E Noyes, Erik Franckx and Kristen Gustafson Juras, *Cases and Materials on the Law of the Sea* (2014) and Kristen Gustafson Juras, John E Noyes and Erik Franckx, *Law of the Sea in a Nutshell* (2010).

Stuart Kaye is Director and Professor of Law within the Australian National Centre for Ocean Resources and Security. He was formerly the Dean of Law at the University of Western Australia, having been appointed Winthrop Professor of Law in July 2010. He held a Chair in Law at the University of Melbourne from 2006 to 2010 and was Dean and Professor of Law at the University of Wollongong between 2002 and 2006. He holds degrees in arts and law from the University of Sydney, winning the Law Graduates' Association Medal, and a doctorate in law from Dalhousie

University. He is admitted as a Barrister of the Supreme Courts of New South Wales, Tasmania and Queensland. Professor Kaye has an extensive research interest in the law of the sea and international law. He has written a number of books, including *Australia's Maritime Boundaries* (2001), *The Torres Strait* (1997), *International Fisheries Management* (2001), *Freedom of Navigation in the Indo-Pacific Region* (2008) and almost 90 other books, articles and chapters. He was appointed to the International Hydrographic Organization's Panel of Experts on Maritime Boundary Delimitation in 1995 and in 2000 was appointed to the List of Arbitrators under the Environmental Protocol to the Antarctic Treaty. He was chair of the Australian International Humanitarian Law Committee from 2003 to 2009, for which he was awarded the Australian Red Cross Society Distinguished Service Medal. He was elected a Fellow of the Royal Geographical Society in 2007 and a Fellow of the Australian Academy of Law in 2011. He holds the rank of Commander in the Royal Australian Navy Reserve, serving as a legal officer, principally providing advice in operations and international law for the Australian Defence Force and Border Protection Command.

Luu Quang Hung received his Bachelor of Science with high distinction in applied mathematics and mechanics from Vietnam National University, Hanoi (Vietnam, 2000–04), and PhD in physical oceanography from Kyoto University (Japan, 2008–12). He has been a lecturer in mathematics and mechanics at the Vietnam National University, Hanoi (2004–08), a doctoral fellow in coastal engineering at the University of Queensland (Australia, 2005) and a project researcher at Kyoto University (2011–12). He joined the National University of Singapore (Singapore, 2012–17) as a research fellow in physical oceanography and climate change at the Tropical Marine Science Institute. He is now with Swinburne University of Technology (Australia, 2017–) to pursue researches on computing and big data. His works have been published in *Ocean Science*, *Remote Sensing Letters*, *Theoretical and Applied Climatology*, and other journals. He is a journal reviewer for *Ocean Science*, *Ocean Science Journal* and the *Chinese Journal of Oceanology and Limnology*, as well as a grant reviewer for the Netherlands Organisation for Scientific Research (NWO).

Youna Lyons is a Senior Research Fellow at the Centre for International Law. She is a bilingual former French litigator with more than 12 years of international practice in Asia and Europe. Passionate about the ocean, Ms Lyons later studied marine sciences and holds a Master's in Marine Affairs from the University of Washington. She is currently also pursuing a PhD with the Australian National Centre for Ocean Resources and Security at the University of Wollongong, titled 'Defining and mapping valuable and sensitive marine environments in the South China Sea'.

Her dual expertise in law and marine sciences uniquely positions her to integrate these fields for marine-policy-making purposes and has led her to spearhead and coordinate several multidisciplinary research projects at the Centre for International Law, including the prospects for reuse of obsolete offshore installations as artificial reefs in Southeast Asia, sensitivity mapping for Singapore in the context of oil spill preparedness and response, and the mapping of shallow features in the South China Sea. Besides her Master's in Marine Affairs, Ms Lyons holds an LLM and two Bachelor degrees from La Sorbonne in international public and private law and in procedural law respectively.

Myron H Nordquist is a Senior Fellow at the Center for National Security Law and Associate Director and Editor of the Center for Oceans Law and Policy. His professional career includes government service, private law practice and academia. He attended Oregon State University on an NROTC scholarship, and upon graduation, was commissioned in the United States Marine Corps. His infantry battalion made the initial landing at Chu Lai, Vietnam, in early 1965. Dr Nordquist earned his first law degree at California Western University, and he was awarded a Ford Foundation scholarship for postgraduate law studies at Cambridge University. In 1970, he accepted an attorney-advisor position in the Office of Legal Adviser, US Department of State. Shortly thereafter, he was named Office Director and Legislative Counsel of the NSC Interagency Task Force on the Law of the Sea on the staff of the Deputy Secretary of State, an office led by then Ambassador John Norton Moore. In 1978, he entered into private practice in Washington, DC, while engaging in adjunct law teaching at George Washington and American University Law Schools. Dr Nordquist was named Deputy General Counsel of the Department of the Air Force in 1990, where he served in 1993 as Acting General Counsel prior to joining the law faculty at the US Air Force Academy. He was a tenured Professor of Law at the Academy and during the academic year 1995–96 was the Charles H Stockton Professor of International Law at the Naval War College. In 1999, Dr Nordquist served as General Counsel to his home state US Senator Conrad Burns and began his formal affiliation with the University of Virginia School of Law, where he had earned an SJD. Over his career he has authored or edited more than 60 books and numerous articles or other scholarly works, including the eight-volume *United Nations Convention on the Law of the Sea, 1982: A Commentary*.

Nilüfer Oral is a member of the Law Faculty at Istanbul Bilgi University. She was elected to the United Nations International Law Commission for 2017–21. She is also Distinguished Senior Scholar at the Law of the

Sea Institute at the University of California Berkeley Law School, and a Scholar-In-Residence at University of Virginia Law School in 2005, and has lectured on several occasions at the Rhodes Academy for the Law of the Sea. Dr Oral was elected to the IUCN Council for Western Europe (2012–16) and is the IUCN Oceans Focal Point. She serves as Chair of the IUCN Academy on Environmental Law and co-chair of the Specialist Group on Oceans, Coasts and Coral Reefs for the IUCN World Commission on Environmental Law. Dr Oral serves as legal advisor to the Turkish Foreign Ministry on law of the sea and climate change and has participated in the Turkish delegation to the International Maritime Organization and as a negotiator at the climate change negotiations. She has been nominated by the Ministry as a candidate to the United Nations International Law Commission (2017–22). She has also been involved as a legal expert in a number of projects with the Turkish Science Council on marine environmental issues, EU and UNDP. Dr Oral is a member of the Board of Directors, Jon Van Dyke Institute, Richardson School of Law, University of Hawai'i, American Society of International Law, and the European Society of International Law. She is Editor of the *International Straits of the World Series* (Brill Publishers) and of numerous other international publications.

J Ashley Roach, Captain, JAGC, US Navy (retired) was an attorney adviser in the Office of the Legal Adviser, US Department of State, from 1988 until he retired at the end of January 2009, responsible for law of the sea matters. He has taught, advised and published extensively on national maritime claims and other law of the sea issues. He has negotiated, and participated in the negotiation of, numerous international agreements involving law of the sea issues. Since retiring, he has concentrated on research on piracy, Arctic, BBNJ and island-dispute issues. The third edition of his book (with Dr Robert W Smith), *Excessive Maritime Claims*, was published by Nijhoff in August 2012. He chairs the International Law Association Committee on Baselines under the International Law of the Sea dealing with straight baselines (2013–18). He is a Visiting Senior Principal Research Fellow at Centre for International Law, National University of Singapore. He received his LLM (highest honours in public international law and comparative law) from the George Washington University School of Law in 1971 and his JD from the University of Pennsylvania Law School in 1963.

Clive R Symmons has taught international law, with a specialisation in law of the sea, in both the UK and Ireland. He is currently a Visiting Research Fellow in Trinity College, University of Dublin; and was formerly an Adjunct Professor in the Marine and Ocean Law Centre, University

College, Galway. He has written widely on international legal issues, and his many publications and presentations at conferences reflect his law of the sea research. His books include *The Maritime Zones of Islands in International Law* (1979), *Ireland and the Law of the Sea* (1993/2000), *Historic Waters in the Law of the Sea: A Modern Re-Appraisal* (2008) and *Selected Contemporary Issues in the Law of the Sea* (ed, 2011). He has been a member of several maritime law study groups and has acted as an expert witness for the US Federal Government in two rounds of the US Supreme Court litigation between the US Federal Government and the State of Alaska, more recently concerning the latter's claim to historic waters in the Alexander Archipelago (2000). In the last three years he has presented papers on various aspects of the South China Sea dispute in China (three times), Vietnam, the Philippines, Singapore and most recently Australia, several of which are now contained in chapters of published books.

Pavel Tkalich is a Principal Research Fellow at the National University of Singapore. He also serves as Head of Physical Oceanography Research Laboratory, Tropical Marine Science Institute, NUS. Pavel's current scientific interests include ocean dynamic phenomena, such as ocean circulation, astronomic tides, wind-waves, tsunami, storm surges, and internal solitons. Among notable applications of his expertise is Singapore's first Climate Change Study leading to amendments of the national construction code for projected sea level rise and extremes. Dr Tkalich has been a Scientific Reviewer of the Fifth Assessment Report of the Intergovernmental Panel on Climate Change.