

Contributors

Ana Flávia Barros-Platiau is Associate Professor at the International Relations Institute of the University of Brasília, Brazil since 2002. She is a CAPES/DRI grant holder of the Project ‘A Estratégia Brasileira para a Gestão Sustentável dos Recursos Marinhos Vivos’ (‘Brazilian Strategy for the Sustainable Use of Marine Living Resources’) (2013) and a project leader of the project ‘A Estratégia Diplomática Brasileira para a Antártica’ (‘Brazilian Diplomatic Strategy for Antarctica’) (2019). Ana is also a member of the Ocean Task Force of the Earth System Governance.

Cassandra M. Brooks is an Assistant Professor in Environmental Studies at the University of Colorado Boulder. She completed her PhD at Stanford University studying international ocean policy, with a focus on marine protection in the Antarctic. During her previous graduate work at Moss Landing Marine Labs, she studied Antarctic toothfish in the Ross Sea, a population that supports the most remote fishery on Earth. Cassandra has worked in the lab, underwater, and at sea – including five research cruises to Antarctica – and has presented and published her work around the world. Cassandra is also trained as a Science Communicator through the University of California Santa Cruz and has published more than 150 articles and multimedia stories about marine science and the environment. She currently contributes to a variety of media outlets, including National Geographic’s Ocean Views blog while working as a science adviser for international conservation organizations.

Sandra Cassotta is Associate Professor in International, Environmental and Energy Law at Aalborg University, Denmark. She has several international fellowships and appointments, currently: lead author at the Intergovernmental Panel on Climate Change (IPCC) – United Nations on Polar Issues; Fellow at the Sustainability College Bruges (SCB), Belgium; Expert Consultant for the EU Commission and the EU Parliament (Brussels, Belgium); Adjunct Professor of Law at the International Centre of Ocean Governance (ICOG) at Western Sydney University (Australia); and Expert Research Fellow at the Institute for Security and Development Policy (ISDP), Stockholm, Sweden and at the ACEUS (Aalborg Centre for European Studies), Denmark. She is also appointed as member of

the Panel of Assessment for Governmental Grants at the Finnish Social Research Council (Academy of Finland) in Law and Economics for research projects on international environmental law, EU law and human rights.

Andrew J. Constable develops science to assist managing fisheries, conserving biodiversity, and for making decisions to adapt human systems to long-term dynamics and change in ecosystems. He joined the Australian Antarctic Division in 1997 and has been a programme leader at the Antarctic Climate and Ecosystems Cooperative Research Centre since 2005. He was active in the Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR) for 31 years, including as a member of the second Performance Review Panel in 2016. His current international positions include: lead author in Working Group II of the Intergovernmental Panel on Climate Change (decision-making tools, and Polar Regions); a Co-Chair of the Southern Ocean Observing System; Convenor of the Marine Ecosystem Assessment for the Southern Ocean. He was awarded a Pew Fellowship in Marine Conservation in 2008. His publications include over 240 scientific and policy papers to support this work.

Carina Costa de Oliveira is Professor of International and Environmental Law at Law Faculty, University of Brasília, Brazil. She is a visiting scholar at the C-EENRG, University of Cambridge and The University of Adelaide, Australia (2017). Carina obtained her PhD in law from Panthéon-Assas, France. She is the coordinator of the research group on Law, Natural Resources and Sustainability (GERN) at the University of Brasília. Her latest publications include: *Marine Environment and Law: Exploration and Exploitation on the Coastal Zone, on the Continental Shelf and on the Deep-Seabed*, Vols 1 and 2 (Curitiba, Juruá, 2015 and 2018); *La réparation des dommages environnementaux en droit international: contribution à l'étude de la complémentarité entre le droit international public et le droit international privé* (Saarbrücken, Éditions Universitaires Européennes, 2012). Her research areas are: public and private international law, environmental law, marine resources preservation and conservation.

Indi Hodgson-Johnston is a researcher in the area of Antarctic and oceans law and policy. She holds degrees in law, policy, and Antarctic studies, is a barrister and solicitor of the Supreme Court of Tasmania, and has a PhD from the Institute for Marine and Antarctic Studies at the University of Tasmania, and the Antarctic Climate and Ecosystems Co-operative Research Centre. Her research has examined the territorial status of the

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David Leary is an Associate Professor in the Faculty of Law at the University of Technology Sydney, Australia where he teaches public international law, law of the sea, international environmental law and private international law. He has published extensively in relation to international law and Antarctica and the Arctic as well as the status of marine biodiversity in areas beyond national jurisdiction (BBNJ) (especially issues relating to access and benefit sharing and marine genetic resource). Beyond Antarctica, the Arctic and BBNJ issues his research broadly relates to international law at the frontiers of science and technology. He has published widely on issues as diverse as nanotechnology, synthetic biology, offshore renewable energy and more recently the regulation of drones and unmanned vessels.

Gabriela G.B. Lima Moraes obtained her PhD (2014) in law at Aix-Marseille University, France and the University Center of Brasília. She is a Professor of Environmental Law at the Faculty of Law of the University of Brasilia (UnB) since 2014. She is a coordinator of the Undergraduate Students of the Faculty of Law of the UnB, a co-coordinator of the Study Group on Natural Resources and Sustainability Law (GERN), a coordinator of the Research Project 'Water Resources in the Face of Climate Change' and a co-investigator of the research project 'The Brazilian Strategy for the Sustainable Management of Marine Resources'.

Nengye Liu is a Senior Lecturer at Adelaide Law School, The University of Adelaide, Australia, where he teaches Chinese law and the law of the sea. Dr Liu's current research centres on China's role in global ocean governance, with particular focus on the Polar Regions. He is a chief investigator of Australian Research Council Discovery Grant 'Geopolitical Changes and the Antarctic Treaty System' (2019–21). He has published more than 30 refereed articles and book chapters in leading journals such as *Marine Policy*, *International Environmental Agreements: Politics, Law and Economics*, *Ocean Development and International Law*, *International Journal of Marine and Coastal Law*, *Journal of Maritime Law and Commerce*, *Heidelberg Journal of International Law*, *Asia Pacific Journal of Environmental Law*, *Review of European Comparative and International*

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Pierre Mazzega is a doctor in earth observation from space, an engineer in geophysics, HDR-accreditation to supervise research (Toulouse University, France), a senior scientist at CNRS in the 'Geosciences Environment Toulouse' research unit (GET UMR5563, France), and an affiliated researcher at the Strathclyde Centre for Environmental Law and Governance, Law School (University of Strathclyde, Scotland). He is developing research on the modelling of environmental law, policy and governance as complex systems. He has various experience, in different research contexts, in environmental modelling and in nonlinear data analysis and assimilation in models.

Anthony J. Press is an Adjunct Professor at the Antarctic Climate and Ecosystems Cooperative Research Centre, and the Institute for Marine and Antarctic Studies at the University of Tasmania, Australia. Tony was the CEO of the ACE CRC from 2009 to 2014, and formerly the Director of the Australian Antarctic Division from 1998 to 2008. He is currently Secretary of the Antarctic Science Foundation. Tony Press has had a long career in science, public administration and international policy. He chaired the Antarctic Treaty's Committee for Environmental Protection from 2002 to 2006. He was Australia's representative to the CEP and Alternative Representative to the Antarctic Treaty Consultative Meetings from 1999 to 2008, and Australia's Commissioner for the Convention on the Conservation of Antarctic Marine Living Resources from 1998 to 2008.

Qin Tianbao is a Changjiang (Cheung Kong) Scholar and LuoJia Professor of Law, the Director of the Research Institute of Environmental Law (RIEL) and the Associate Dean for Research at the School of Law, Wuhan University, China. He is author of several books and more than 100 articles. His recent publications include: *Research Handbook on Chinese Environmental Law* (Edward Elgar, ed), *Principles of International Biodiversity Law* (CUPL Press), *Legal Issues on Access to Genetic Resources and Benefit-sharing* (WHU Press), and *Arctic Law and Governance: The Role of China and Finland* (Hart Publishing, with Timo Koivurova, eds). He also serves as the Co-Editor-in-Chief of the *Chinese Journal of Environmental Law* (Brill).

Keith Reid is the Science Manager at the Secretariat of the Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR), appointed in February 2008. Prior to his appointment to CCAMLR, Dr Reid was a research scientist with the British Antarctic Survey from 1991

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Rachel Tiller holds a PhD in political science from the Norwegian University of Science and Technology (NTNU), with a focus on marine and coastal interdisciplinary research at all levels of analysis, from local stakeholder perceptions to international management regimes. She is the Fulbright Arctic Chair for Norway for 2018–19 at Texas A&M University at Galveston, and was also Fulbright scholar at the University of California Santa Barbara 2011–12. She works for the SINTEF Center for Clean Ocean Research. In addition, she is the Norwegian representative on the Management Committee of the COST Action: CA15217 – Ocean Governance for Sustainability and the Cluster Leader of the Earth System Governance (ESG) Oceans Taskforce cluster ‘Conflict and Diplomacy’, where she is also a Senior Research Fellow.

David L. VanderZwaag is Professor of Law and Canada Research Chair (Tier 1) in Ocean Law and Governance at the Marine & Environmental Law Institute, Schulich School of Law, Dalhousie University. He teaches international environmental law and serves as the Associate Director of the Marine & Environmental Law Institute. Professor VanderZwaag is a member of the International Council of Environmental Law as well as the IUCN World Commission on Environmental Law (WCEL). From 2004 to 2018, he co-chaired the WCEL's Specialist Group on Oceans, Coasts and Coral Reefs. Professor VanderZwaag has authored over 150 papers in the marine and environmental law field. His most recent co-edited book publications are: *Aquaculture Law and Policy: Global, Regional and National Perspectives* (Edward Elgar, 2016); *Routledge Handbook of National and Regional Ocean Policies* (Routledge, 2015); and *Polar Oceans Governance in an Era of Environmental Change* (Edward Elgar, 2014).

Nils Vanstappen is a PhD researcher in international law working on the legitimacy of Polar institutions at KU Leuven, Belgium. He is connected to the Leuven Centre for Global Governance Studies as an Associate Fellow. In this capacity, he is engaged in a research project on Global Public Goods, Global Commons and Democracy, as well as in teaching activities. He currently works at the Strategic Goods Control Unit of the Flanders Department of Foreign Affairs as a Legal Officer.