

## NOTES ON THE CONTRIBUTORS

### ***Book Editors***

#### **Alberto Costi**

Alberto Costi is a Professor of Law at Te Herenga Waka—Victoria University of Wellington. He has published extensively in international law. Recent publications include the general editorship of the first ever textbook on international law from a New Zealand angle (*Public International Law: A New Zealand Perspective* (LexisNexis, 2020)). Alberto is a Co-Director of the New Zealand Centre of International Economic Law, the President of the New Zealand Association for Comparative Law and the Secretary-General of the International Law Association New Zealand Branch, and sits on various editorial committees and scientific associations in New Zealand and overseas, including the *Asia Pacific Journal of International Humanitarian Law* and the *Comparative Law Journal of the Pacific*. Alberto currently works on a monograph (funded by the New Zealand Law Foundation) examining whether the rise in sea level and related climate change events may impose obligations on neighbouring states to assist Pacific Island nations in retaining rights and duties under international law, or in ensuring the protection of their populations.

#### **James Renwick**

Professor James Renwick is Head of the School of Geography, Environment and Earth Sciences at Te Herenga Waka—Victoria University of Wellington. He is a climate researcher with a background in atmospheric science and statistics. His main areas of interest are atmospheric teleconnections between the tropics and the higher latitudes of the Southern Hemisphere, the mid-latitude westerly circulation, and the effects of climate change on New Zealand and Antarctica. James has served as an author of the Assessment Reports of the Intergovernmental Panel on Climate Change (IPCC) for the past twenty years and is currently a co-chair of the World Climate Research Programme Project on Climate and Cryosphere. He is involved in a lot of public speaking and media interactions and was awarded the 2018 Prime Minister's Prize for Science Communication. James was also a member of the "Melting Ice and Rising Seas" team awarded the 2019 Prime Minister's Science Prize.

### ***Contributors***

#### **Patila Amosa**

Dr Patila Amosa is the Dean, Faculty of Science at the National University of Samoa. She holds an MSc (Environmental Science) and PhD (Chemistry) from the University of Otago, New Zealand. Her research interests include physico-chemical and microbial assessment of water resources, climate change impacts, ocean acidification and science education. She facilitates faculty research development and is a key member in international collaborative projects such as Edulink, PACENet plus, Samoa Knowledge Society Initiative: Open Access Research and the UNITWIN Project for water quality research. Patila is a member of the University Council and represents the University in national environment committees. She teaches postgraduate courses in Climate Change and Disaster

Management and is highly experienced in the development of curriculum and examinations nationally and regionally.

**Paul Blaschke**

Dr Paul Blaschke is an independent environmental consultant and Honorary Fellow at Te Herenga Waka—Victoria University of Wellington and University of Otago, Wellington. With a background in landscape ecology and environmental policy work, Paul has recently been most active in applied urban ecology, particularly work on urban green spaces and urban nature-based adaptation to climate change. He has professional experience in many New Zealand regions and Pacific Island nations.

**Nicola Gaston**

Nicola Gaston is Co-Director of the MacDiarmid Institute and an Associate Professor of Physics at the University of Auckland. She is interested in understanding the development and variation of physical properties in materials as a function of size, from clusters of a few atoms, to large nanoparticles and bulk materials. Her current research is focused on understanding the relationship between electronic structure and properties such as catalytic activity, chemical reactivity, conductivity and thermodynamic stability, and how this relates to the underlying structure (size, shape, composition) of the material.

**Tim Grafton**

Tim Grafton is the Chief Executive of the Insurance Council of New Zealand (ICNZ). He has extensive experience in providing strategic, policy and communications advice to public and private sector leaders. He was an executive director of a leading market research company prior to taking up his position with ICNZ. Tim has a strong understanding of the machinery of government, having been an adviser to former Prime Ministers and Ministers of Finance as well as leading private companies. He has extensive knowledge of post-disaster recovery issues and insurance regulation. He is a Chartered Member of the Institute of Directors and holds several governance roles. He is on the Executive Committee of the Global Federation of Insurance Associations, chairs the Code Compliance Committee of the Fair Insurance Code, chairs the Representative Users Group of the Deep South Science Challenge which focuses on research to adapt to climate change, and is on the New Zealand Advisory Board of the Australian and New Zealand Institute of Insurance and Finance and the Advisory Board of Te Herenga Waka—Victoria University of Wellington's Chair in the Economics of Disaster.

**Justin Hodgkiss**

Justin Hodgkiss is Co-Director of the MacDiarmid Institute and a Professor in Physical Chemistry at Te Herenga Waka—Victoria University of Wellington. His research group has pioneered ways of manipulating laser pulses to understand, for example, how solar photovoltaic cells convert light into electricity, or how the skin pigment melanin protects us from UV light – processes which occur on picosecond timescales or faster. Justin is a founding inventor of early stage biosensor startup, AuramerBio Ltd, which is now commercialising laser instrumentation that his group invented. Justin completed his undergraduate studies at the University of Otago, before undertaking his PhD at MIT

in the United States of America, postdoctoral research in Cambridge, and returning to New Zealand in 2009.

**John Howell**

Since retiring from Parish Ministry seven years ago, John Howell focuses on writing poetry and the ethics of Climate Change. He was a joint contributor to a paper at the Second Pacific Climate Change Conference. He has authored two books of prayers: *Sighs Too Deep for Words: Prayers and images from Taupo* (St Paul's Union Church, Taupo, 2007) and *Longings for the Eternal – Prayers for spirit, community and sustainability* (St Paul's Union Church, Taupo, 2009). A book of poems, *Homeless*, was published in 2017 by Makaro Press. From 1975-85, John was a member of the Environmental Council, a 15-member body advising the Minister for the Environment in the New Zealand government. He edited the book *Environment and Ethics – A New Zealand Contribution* published by the Centre for Resource Management, Lincoln College and the University of Canterbury.

**Judy Lawrence**

Dr Judy Lawrence is Senior Research Fellow at the New Zealand Climate Change Research Institute, Te Herenga Waka—Victoria University of Wellington and Director of PS Consulting Ltd. Judy contributes to climate change policy and practice in New Zealand and internationally, pioneering the development and use of decision tools for addressing climate uncertainty and change. Her current research focuses on adaptation decision making for sea level rise. Judy co-authored the *Coastal Hazards and Climate Change: Guidance for Local Government* (2017), is currently a Coordinating Lead Author for the Intergovernmental Panel on Climate Change Sixth Assessment, a New Zealand Climate Change Commissioner and a recipient of the 2019 Prime Minister's Science Prize.

**Adrian Macey**

Adrian Macey is an Adjunct Professor, New Zealand Climate Change Research Institute (School of Geography, Environment and Earth Sciences) and a Senior Associate of the Institute for Governance and Policy Studies at Te Herenga Waka—Victoria University of Wellington. He is also a Fellow of the Institute of Advanced Studies, Nantes (France). He previously served in various positions in the New Zealand Ministry of Foreign Affairs and Trade, including Chief Trade Negotiator, Ambassador to France, and as New Zealand's first climate change ambassador. He was Vice-Chair, then Chair of the United Nations Framework Convention on Climate Change Kyoto Protocol negotiations in 2010-2011. Adrian's research interests include climate change policy, the science-policy connections, international governance, and trade.

**Jamie Morton**

Jamie Morton is the *New Zealand Herald's* science reporter. He has been a newspaper journalist for more than 15 years – most of which he has been covering science and environment issues for New Zealand's largest circulating daily newspaper. Over that time, Jamie has travelled to international disaster zones, the landmark 2015 UN COP21 Climate Change Conference in Paris and twice to Antarctica. Jamie has won several major media awards for science and environment reporting, and for coverage of natural hazards.

### **Geoffrey Palmer**

Sir Geoffrey Palmer QC was a law professor in the United States and New Zealand before entering New Zealand politics as the MP for Christchurch Central in 1979. In Parliament, he held the offices of Attorney-General, Minister of Justice, Leader of the House, Minister for the Environment, Deputy Prime Minister and Prime Minister. Sir Geoffrey is a Distinguished Fellow of the New Zealand Centre for Public Law and the Faculty of Law at Te Herenga Waka—Victoria University of Wellington. He has an extensive list of publications in legal periodicals and is the author or co-author of over a dozen books.

### **Shenuka de Sylva**

Shenuka de Sylva is an academic at the School of Architecture, Te Herenga Waka—Victoria University of Wellington, an architect and urban designer. Her research and design interests are on resilience and water, and on identifying adaptation opportunities to the effects of climate change, sea level rise and floods. She studies the compatibility of traditional, indigenous, vernacular and modern systems and solutions to environmental hazards, to culture and context. Of particular interest is the psychology of adaptation. She has professional experience in south and east Asia, New Zealand, several small island nations of the Pacific and some regions of Europe's North Sea coast.

### **Shane Telfer**

Shane Telfer leads a team of researchers who make contributions to the design, synthesis and applications of functional materials. His research encompasses synthetic chemistry, X-ray crystallography, catalysis and gas adsorption. The cornerstone of this research is the chemistry of metal-organic frameworks (MOFs), crystalline sponge-like materials that have applications arising from their porosity and structural diversity. This is a deeply collaborative research area, which benefits from partnerships with a diverse range of local and international scientists.

### **Celia Wade-Brown**

Celia Wade-Brown QSO was Mayor of Wellington from 2010-2016 and previously an elected Councillor, a teacher and IT analyst. Mayor Wade-Brown's vision of a smart, green capital increased the biodiversity budget, signed off the Predator Free Wellington programme and challenged the primacy of cars in the city. After standing down as Mayor, Celia has been appointed to Biophilic Cities Network Advisory Board, Walk21 Foundation, Living Streets Aotearoa, Te Araroa Trust, Walking Access Commission, Commonwealth Foundation and Predator Free Wellington. She is currently Biodiversity Manager at Duntulm Carbon Farm and a candidate for the Green Party.

### **Christopher Wright**

Christopher Wright is Professor of Organisational Studies at the University of Sydney Business School, where he teaches and researches organisational change, management innovation, sustainability and critical understandings of capitalism and political economy. His current research explores organisational and societal responses to climate change, with a particular focus on how managers and business organisations interpret and respond to the climate crisis. He has published on this topic in relation to issues of corporate environmentalism, corporate citizenship, organisational

justification and compromise, risk, identity and future imaginings. His research on climate change and business is internationally recognised and he has developed research collaborations with leading international climate scientists and global environmental organisations. He is a key researcher at the Sydney Environment Institute, where he heads up a group examining corporate climate transition. His research has appeared in a broad range of leading journals and in addition to numerous chapters in edited collections, he is the author of several monographs, including *Climate Change, Capitalism and Corporations: Processes of Creative Self-destruction* (Cambridge University Press, 2015).

