
Contents

<i>List of figures</i>	vii
<i>List of contributors</i>	viii
<i>Acknowledgments</i>	xi
1 Introduction to the <i>Research Handbook on Ocean Acidification Law and Policy</i> <i>David L VanderZwaag, Nilüfer Oral, and Tim Stephens</i>	1
PART I SCIENTIFIC CONTEXT	
2 Ocean acidification: scientific understanding and challenges <i>Dan Laffoley, John M Baxter, Elizabeth B Jewett, Maureen T Brooks and Nelson A Lagos</i>	11
PART II GLOBAL LAW AND POLICY	
3 Implications of the Paris Agreement for action on ocean acidification within the UNFCCC <i>Ellycia R Harrould-Kolieb</i>	24
4 Ocean acidification and multilateral environmental agreements <i>Naporn Popattanachai and Elizabeth A Kirk</i>	37
5 Maritime transport and ocean acidification <i>Beatriz Martinez Romera</i>	53
6 Ocean acidification and a new treaty on marine biodiversity in areas beyond national jurisdiction <i>Joanna Mossop</i>	61
7 Food security, fisheries and ocean acidification: a human rights based approach <i>Hilal Elver and Nilüfer Oral</i>	74
PART III REGIONAL LAW AND POLICY	
8 Regional seas programs and ocean acidification <i>Kerry Tetzlaff</i>	94
9 Regional fisheries bodies and ocean acidification <i>Rosemary Rayfuse</i>	123
10 Ocean acidification and the Arctic: regional scientific and governance responses <i>Nadja Steiner and David L VanderZwaag</i>	142

vi	<i>Research handbook on ocean acidification law and policy</i>	
11	Southern Ocean acidification and the Antarctic Treaty System <i>Karen N Scott</i>	164
12	Ocean acidification and Pacific Island countries and territories: sounding the alarm on an existential threat <i>Clement Yow Mulalap</i>	179
PART IV NATIONAL LAW AND POLICY		
13	Ocean acidification: science, policy and law in Australia <i>Ellycia R Harrould-Kolieb and Tim Stephens</i>	201
14	Brazilian policy and law review on ocean acidification and climate change: achievements and challenges <i>Maria Helena Fonseca de Souza Rolim and Victor Alencar Mayer Feitosa Ventura</i>	220
15	Ocean acidification and China's response <i>Jiayu Bai and Jiaxin Sui</i>	238
16	The battle against ocean acidification in the United States <i>Sherry P Broder</i>	260
	<i>Index</i>	276