

CONTENTS

<i>List of figures</i>	xi
<i>List of tables</i>	xiii
<i>Notes on contributors</i>	xv
<i>Acknowledgements</i>	xxv
1 Introduction: the worlds of environmental justice <i>Ryan Holifield, Jayajit Chakraborty and Gordon Walker</i>	1
PART I	
Situating, analysing and theorizing environmental justice	13
2 Historicizing the personal and the political: evolving racial formations and the environmental justice movement <i>Laura Pulido</i>	15
3 Social movements for environmental justice through the lens of social movement theory <i>Diane M. Sicotte and Robert J. Brulle</i>	25
4 Environmental justice movements and political opportunity structures <i>David N. Pellow</i>	37
5 Environmental justice and rational choice theory <i>William M. Bowen</i>	50
6 The political economy of environmental justice <i>Daniel Faber</i>	61

7	Feminism and environmental justice <i>Greta Gaard</i>	74
8	Opening black boxes: environmental justice and injustice through the lens of science and technology studies <i>Gwen Ottinger</i>	89
9	Procedural environmental justice <i>Derek Bell and Jayne Carrick</i>	101
10	The recognition paradigm of environmental injustice <i>Kyle Whyte</i>	113
11	A capabilities approach to environmental justice <i>Rosie Day</i>	124
12	Vulnerability, equality and environmental justice: the potential and limits of law <i>Sheila R. Foster</i>	136
13	Environmental human rights <i>Kerri Woods</i>	149
14	Sustainability discourses and justice: towards social-ecological justice <i>Ulrika Gunnarsson-Östling and Åsa Svenfelt</i>	160
PART II		
Methods in environmental justice research		173
15	Spatial representation and estimation of environmental risk: a review of analytic approaches <i>Jayajit Chakraborty</i>	175
16	Assessing population at risk: areal interpolation and dasymetric mapping <i>Juliana Maantay and Andrew Maroko</i>	190
17	Application of spatial statistical techniques <i>Jeremy Mennis and Megan Heckert</i>	207
18	Historical approaches to environmental justice <i>Christopher G. Boone and Geoffrey L. Buckley</i>	222
19	The ethics of embodied engagement: ethnographies of environmental justice <i>Catalina M. de Onís and Phaedra C. Pezzullo</i>	231

20	Storytelling environmental justice: cultural studies approaches <i>Donna Houston and Pavithra Vasudevan</i>	241
21	Facilitating transdisciplinary conversations in environmental justice studies <i>Jonathan K. London, Julie Sze and Mary L. Cadenasso</i>	252
22	Cumulative risk assessment: an analytic tool to inform policy choices about environmental justice <i>Ken Sexton and Stephen H. Linder</i>	264
23	A review of community-engaged research approaches used to achieve environmental justice and eliminate disparities <i>Sacoby Wilson, Aaron Aber, Lindsey Wright and Vivek Ravichandran</i>	283
24	Participatory GIS and community-based citizen science for environmental justice action <i>Muki Haklay and Louise Francis</i>	297
PART III		
Substantive issues in environmental justice research		309
25	Streams of toxic and hazardous waste disparities, politics and policy <i>Troy D. Abel and Mark Stephan</i>	311
26	Air pollution and respiratory health: does better evidence lead to policy paralysis? <i>Michael Buzzelli</i>	327
27	Water justice: key concepts, debates and research agendas <i>Leila M. Harris, Scott McKenzie, Lucy Rodina, Sameer H. Shah and Nicole J. Wilson</i>	338
28	Environmental justice and flood hazards: a conceptual framework applied to emerging findings and future research needs <i>Timothy W. Collins and Sara E. Grineski</i>	350
29	Climate change and environmental justice <i>Philip Coventry and Chukwumerije Okereke</i>	362
30	Environmental justice and large-scale mining <i>Leire Urkidi and Mariana Walter</i>	374
31	Justice in energy system transitions: a synthesis and agenda <i>Karen Bickerstaff</i>	388

32	Transportation and environmental justice: history and emerging practice <i>Alex Karner, Aaron Golub, Karel Martens and Glenn Robinson</i>	400
33	Food justice: an environmental justice approach to food and agriculture <i>Alison Hope Alkon</i>	412
34	Environmental crime and justice: a green criminological examination <i>Michael J. Lynch and Kimberly L. Barrett</i>	425
35	Urban parks, gardens and greenspace <i>Jason Byrne</i>	437
36	Urban planning, community (re)development and environmental gentrification: emerging challenges for green and equitable neighbourhoods <i>Isabelle Anguelovski, Anna Livia Brand, Eric Chu and Kian Goh</i>	449
37	Just conservation: the evolving relationship between society and protected areas <i>Maureen G. Reed and Colleen George</i>	463
PART IV		
Global and regional dimensions of environmental justice research		477
38	Free-market economics, multinational corporations and environmental justice in a globalized world <i>Ruchi Anand</i>	479
39	Globalizing environmental justice: radical and transformative movements past and present <i>Leah Temper</i>	490
40	Environmental justice for a changing Arctic and its original peoples <i>Alana Shaw</i>	504
41	Environmental injustice in resource-rich Aboriginal Australia <i>Donna Green, Marianne Sullivan and Karrina Nolan</i>	515
42	Environmental justice across borders: lessons from the US–Mexico borderlands <i>Sara E. Grineski and Timothy W. Collins</i>	528
43	The dawn of environmental justice?: the record of left and socialist governance in Central and South America <i>Karen Bell</i>	543

Contents

44	Urban environmental (in)justice in Latin America: the case of Chile <i>Alexis Vásquez, Michael Lukas, Marcela Salgado and José Mayorga</i>	556
45	Environmental justice in Nigeria: divergent tales, paradoxes and future prospects <i>Rhuks T. Ako and Damilola S. Olawuyi</i>	567
46	Sub-imperial ecosystem management in Africa: continental implications of South African environmental injustices <i>Patrick Bond</i>	578
47	Environmental justice and attachment to place: Australian cases <i>David Schlosberg, Lauren Rickards and Jason Byrne</i>	591
48	Environmental justice in South and Southeast Asia: inequalities and struggles in rural and urban contexts <i>Pratyusha Basu</i>	603
49	Environmental justice in a transitional and transboundary context in East Asia <i>Mei-Fang Fan and Kuei-Tien Chou</i>	615
50	Environmental justice in Western Europe <i>Heike Köckler, Séverine Deguen, Andrea Ranzi, Anders Melin and Gordon Walker</i>	627
51	Environmental justice in Central and Eastern Europe: mobilization, stagnation and detraction <i>Tamara Steger, Richard Filčák and Krista Harper</i>	641
	<i>Index</i>	653