## **Table of Contents**

	List of Figures	<i>page</i> xi
	List of Tables	xii
	List of Maps	xiii
	List of Boxes	xiv
	Preface	xv
	List of Abbreviations	xviii
1	Global Politics and the Environment	1
	Summary of Key Points	1
	Introduction	2
	State of the Planet	3
	The Politics of Environmental Change	7
	Outline of this Book	10
	Discussion Questions	16
	PROBLEMS OCCUR?	17
2	The Tragedy of the Commons	19
	Summary of Key Points	19
	Introduction	19
	Core Assumptions Underpinning the 'Tragedy'	22
	Human Beings are Self-regarding and Short-sighted	22
	'The Commons' are Unmanaged and Freely Accessible	22
	Privatisation and Socialism are the Only Possible Solutions	23
	to Avoid Degradation Critiques and Corrections	25 25
	Human Nature and the Commons	25
	Historical Inaccuracies	26
	Alternative Governance Options	27
	The Global Commons	30
	What are the Global Commons?	30
	Managing the Global Commons	31

	Conclusion	35
	Discussion Questions	35
3	Population and Poverty	37
	Summary of Key Points	37
	Introduction	38
	The Malthusian Renaissance	39
	Solving the Population Problem	40
	Trends in Population Growth	41
	Is Population Control the Answer?	45
	Is Poverty the Main Driver of Environmental Degradation?	46
	The Environmental Kuznets Curve (EKC)	48
	Questioning the Validity of the EKC	50
	Outsourcing Production and Pollution	52
	Do Wealthier People Care More About the Environment?	53
	Conclusion	56
	Discussion Questions	57
4	Capitalism	58
	Summary of Key Points	58
	Introduction	58
	The Contradictions of Capitalism	60
	The Traditional Contradiction	60
	The Ecological Contradiction	61
	Capitalism's Rifts	63
	Alienation from Nature	64
	Metabolic Rift	64
	Ecological Rift	65
	Ecological Imperialism	66
	Over-consumption	68
	Is Sustainable Capitalism the Solution?	70
	Eco-socialism	72
	Steady-state Economy and Degrowth	74
	Conclusion	<b>7</b> 5
	Discussion Questions	77
PAR	RT 2: RESPONDING TO GLOBAL ENVIRONMENTAL	
	PROBLEMS	79
5	Conflict and Securitisation Water Scarcity	81
	Summary of Key Points	81

	Introduction	82
	Conflict and the Natural Environment	83
	Conflicts Over Natural Resources	84
	Water and Conflict	88
	State of the World's Water	88
	Water Wars: Theory and Evidence	92
	Weaknesses in International Cooperation	99
	Securitising the Environment	102
	Conclusion	105
	Discussion Questions	106
6	Multilateral Diplomacy Sustainable Development	107
	Summary of Key Points	107
	Introduction	108
	Multilateral Diplomacy	109
	Environmental Multilateralism	112
	The Environmental Movement	112
	The Birth of Environmental Multilateralism	112
	North-South Tensions Emerge	114
	The Golden Age of Environmental Multilateralism	116
	Environmental Multilateralism in the Twenty-first Century	117
	Legal and Political Status of MEAs	119
	Sustainable Development	120
	The Concept of Sustainable Development	120
	Institutionalising Sustainable Development:	
	Earth Summit, 1992	122
	Reality Check: World Summit on Sustainable Development, 2002	127
	Facing Up to Unmet Promises: Rio+20 and Beyond	129
	Conclusion	137
	Discussion Questions	138
7	Transnational Governance Experiments Climate Change	140
•	Summary of Key Points	140
	Introduction	141
	Transnational Governance	142
		145
	Climate Change The Science of Climate Change	145
	A 'Wicked' Policy Problem	140
	Multilateral Cooperation on Climate Change	149
	Transnational Climate Change Governance	156
	Governance Experiments	156

	Virtues of Transnational Climate Governance	162
	Limitations of Transnational Climate Governance	163
	Coordinating Governance Experiments: NAZCA	164
	Conclusion	165
	Discussion Questions	166
8	Aid and Finance Deforestation	167
	Summary of Key Points	167
	Introduction	168
	Aid and Financial Assistance	169
	Multilateral Environmental Agreements	169
	The Environmental Impact of ODA	171
	Debt-for-Nature Swaps	176
	Payment for Ecosystem Services	1 <b>7</b> 9
	Finance and Deforestation	183
	The Nature of the Problem	183
	Drivers of Deforestation	185
	Global Forestry Governance	187
	Deforestation and the Global Climate Regime	189
	REDD+	191
	Conclusion	195
	Discussion Questions	196
9	Individualising Responsibility Unsustainable Consumption	197
	Summary of Key Points	197
	Introduction	198
	Consumption and Its Environmental Impact	199
	Mobile Phones	202
	Fashion	204
	Sustainable Consumption: Intergovernmental Initiatives	206
	Private Sector and Civil Society Initiatives: Individualising	
	Responsibility	209
	Voluntary Simplicity	210
	Ecological Footprint	211
	Carbon Neutrality	213
	Eco-labelling	214
	The Limits of Individualising Responsibility	215
	Over-stating Consumer Sovereignty	216
	'Greenwash'	217
	Attitude-Behaviour Gap	218
	Depoliticising Unsustainability	219

	Defending Individual Responsibility	220
	Conclusion	222
	Discussion Questions	223
10	Problem Displacement Hazardous Substances	224
	Summary of Key Points	224
	Introduction	225
	Toxic Elements	226
	Mercury	228
	Lead	229
	Cadmium	231
	Dioxins and Dioxin-like Substances	232
	Global Governance of Chemicals and Hazardous Waste	233
	Fragmented Global Chemical Governance: Overlaps and Gaps	240
	Displacing the Problem	242
	The Khian Sea	243
	Environmental Injustice	244
	Understanding Environmental Injustice	245
	The Basel Convention: Weaknesses and Limitations	248
	E-waste Dumping or Much Needed Trade?	251
	Conclusion	253
	Discussion Questions	254
11	Resistance and Localisation Unsustainable Agriculture	256
	Summary of Key Points	256
	Introduction	25 <b>7</b>
	Social Movements and Resistance	258
	Globalisation and the Environment	260
	Agriculture and the Environment	261
	The Rise of Modern Agriculture	262
	The Relationship Between the Environment and Agriculture	267
	Resisting Unsustainable Agriculture	272
	Demanding Sustainable Agriculture	273
	Practising Sustainable Agriculture	275
	Brazil and the Landless Rural Workers Movement	276
	Campesino a Campesino, Central America	277
	Cuba and Organic Agriculture	278
	Questioning Agroecology	279
	Conclusion	280
	Discussion Questions	281

12	Appraising Global Environmental Governance	282
	Summary of Key Points	282
	Introduction	282
	The Nature of Environmental Problems	283
	Evaluating Policy and Practice	286
	Distributing Environmental Harm	2 <b>9</b> 0
	Temporal Inequality	290
	Social Inequality	290
	Geographic Inequality	292
	Towards Effective and Equitable Governance	292
	Discussion Questions	<b>29</b> 3
	Glossary	295
	References	313
	Index	343