Contents

List of	contributors	viii	
PART	I INTRODUCTION AND OVERVIEW		
Introd	action	3	
PART	II SOME SUCCESSES ON THE ROAD TO SUSTAINABILITY		
Introdu	ection	17	
ca	nissions trading: US experience implementing multi-state p and trade programs ian J. McLean	22	
2 G1	reen tax reforms in OECD countries: an overview	42	
3 M	an-Philippe Barde and Nils Axel Braathen id-course correction: toward a sustainable enterprise sy Anderson	88	
PART 1	II CHALLENGES WITHIN SPECIFIC RESOURCE DOMAINS		
Introduction			
Section	A Energy and global climate		
	conciling global warming and increasing energy demand rton Richter	129	
Section	B Human health		
	obal consumption from the perspective of population health ode Hertzman	153	

vi Contents

Sec	tion C	Fisheries	
6	manag	ries and coastal ecosystems: the need for integrated gement 1 Pauly and Ratana Chuenpagdee	171
Sec	tion D	Agriculture	
Sec	tion D	Agriculture	
7	traged	narvest: old and new dimensions of the ecological y of modern agriculture l A. Altieri	189
Sec	tion E	Biodiversity	
8		servation a lost cause? ny R.E. Sinclair	217
Sec	tion F	Forestry	
9		yth, reality and social process of sustainable forest	241
10	Sustai	nability: a focus on forests and forestry Tamish) Kimmins	254
11	Tropic sustain	al forest management systems as economic and	284
PAI	RT IV	THE CONCEPTUAL CHALLENGES	
Intr	oductio	n	299
12	double	nting for the environment: can industrial ecology pay dividends for business? Smith	304
13	Better environ	financial disclosure protects investors and the nament	342
14	The ch	Repetto allenge of the 21st century: setting the real bottom line T. Suzuki	376
15	Is hum	nanity fatally successful? n E. Rees	392

	Contents	vii
16	Measuring genuine progress Ronald Colman	420
	Concluding comments	433
Ind	lex	435

.