

Contents

Acknowledgments	ix
State of the World: A Year in Review.....	xv
<i>Alison Singer</i>	
1 Beyond Sustainability	3
<i>Robert Engelman</i>	
THE SUSTAINABILITY METRIC	17
2 Respecting Planetary Boundaries and Reconnecting to the Biosphere ..	19
<i>Carl Folke</i>	
3 Defining a Safe and Just Space for Humanity	28
<i>Kate Raworth</i>	
4 Getting to One-Planet Living	39
<i>Jennie Moore and William E. Rees</i>	
5 Sustaining Freshwater and Its Dependents	51
<i>Sandra Postel</i>	
6 Sustainable Fisheries and Seas: Preventing Ecological Collapse	63
<i>Antonia Sohns and Larry Crowder</i>	
7 Energy as Master Resource	73
<i>Eric Zencey</i>	
8 Renewable Energy's Natural Resource Impacts.....	84
<i>Shakuntala Makhijani and Alexander Ochs</i>	
9 Conserving Nonrenewable Resources	99
<i>Gary Gardner</i>	
GETTING TO TRUE SUSTAINABILITY.....	111
10 Re-engineering Cultures to Create a Sustainable Civilization	113
<i>Erik Assadourian</i>	
11 Building a Sustainable and Desirable Economy-in-Society-in-Nature ..	126
<i>Robert Costanza, Gar Alperovitz, Herman Daly, Joshua Farley, Carol Franco, Tim Jackson, Ida Kubiszewski, Juliet Schor, and Peter Victor</i>	
12 Transforming the Corporation into a Driver of Sustainability	143
<i>Pavan Sukhdev</i>	
13 Corporate Reporting and Externalities	154
<i>Jeff Hohensee</i>	
14 Keep Them in the Ground: Ending the Fossil Fuel Era	161
<i>Thomas Princen, Jack P. Manno, and Pamela Martin</i>	

15	Beyond Fossil Fuels: Assessing Energy Alternatives	172
	<i>T. W. Murphy, Jr.</i>	
16	Energy Efficiency in the Built Environment	184
	<i>Phillip Saieg</i>	
17	Agriculture: Growing Food—and Solutions	190
	<i>Danielle Nierenberg</i>	
18	Protecting the Sanctity of Native Foods.	201
	<i>Melissa K. Nelson</i>	
19	Valuing Indigenous Peoples	210
	<i>Rebecca Adamson, Danielle Nierenberg, and Olivia Arnow</i>	
20	Crafting a New Narrative to Support Sustainability.	218
	<i>Dwight E. Collins, Russell M. Genet, and David Christian</i>	
21	Moving Toward a Global Moral Consensus on Environmental Action	225
	<i>Kathleen Dean Moore and Michael P. Nelson</i>	
22	Pathways to Sustainability: Building Political Strategies	234
	<i>Melissa Leach</i>	
23	Moving from Individual Change to Societal Change	244
	<i>Annie Leonard</i>	
	OPEN IN CASE OF EMERGENCY	253
24	Teaching for Turbulence	255
	<i>Michael Maniates</i>	
25	Effective Crisis Governance.	269
	<i>Brian Martin</i>	
26	Governance in the Long Emergency	279
	<i>David W. Orr</i>	
27	Building an Enduring Environmental Movement	292
	<i>Erik Assadourian</i>	
28	Resistance: Do the Ends Justify the Means?	304
	<i>Bron Taylor</i>	
29	The Promises and Perils of Geoengineering	317
	<i>Simon Nicholson</i>	
30	Cuba: Lessons from a Forced Decline	332
	<i>Pat Murphy and Faith Morgan</i>	
31	Climate Change and Displacements.	343
	<i>Michael Renner</i>	
32	Cultivating Resilience in a Dangerous World	353
	<i>Laurie Mazur</i>	
33	Shaping Community Responses to Catastrophe.	363
	<i>Paula Green</i>	
34	Is It Too Late?	374
	<i>Kim Stanley Robinson</i>	
	Notes	381
	Index	433