

Contents

<i>About the Authors</i>	viii
<i>Chapter Sources</i>	xvii
<i>List of Acronyms and Abbreviations</i>	xx

Part 1 Agrarian and Rural Perspectives

Introduction to Part 1: Agrarian and Rural Perspectives	
<i>Jules Pretty</i>	3
1 The Post-War Task	
<i>Albert Howard</i>	7
2 Thinking Like a Mountain	
<i>Aldo Leopold</i>	10
3 The Unsettling of America	
<i>Wendell Berry</i>	12
4 Ecological Literacy	
<i>David Orr</i>	21
5 An Amish Perspective	
<i>David Kline</i>	30
6 Becoming Native to this Place	
<i>Wes Jackson</i>	35
7 Creating Social Capital	
<i>Cornelia Butler Flora and Jan L. Flora</i>	39

Part 2 Agroecological Perspectives

Introduction to Part 2: Agroecological Perspectives	
<i>Jules Pretty</i>	49
8 Reality Cheques	
<i>Jules Pretty</i>	51
9 The External Costs of Agricultural Production in the United States	
<i>Erin M. Tegtmeier and Michael D. Duffy</i>	64

10	From Pesticides to People: Improving Ecosystem Health in the Northern Andes <i>Stephen Sherwood, Donald Cole, Charles Crissman and Myriam Paredes</i>	90
11	Agroecology and Agroecosystems <i>Stephen R. Gliessman</i>	104
12	The Doubly Green Revolution <i>Gordon Conway</i>	115

Part 3 Social Perspectives

	Introduction to Part 3: Social Perspectives <i>Jules Pretty</i>	131
13	Reversals, Institutions and Change <i>Robert Chambers</i>	135
14	The Hawkesbury Experience: Tales from a Road Less Travelled <i>Richard Bawden</i>	148
15	Social Capital and the Collective Management of Resources <i>Jules Pretty</i>	173
16	Gateway to the Global Garden: Beta/Gamma Science for Dealing with Ecological Rationality <i>Niels Röling</i>	179
17	Ecological Basis for Low-toxicity Integrated Pest Management (IPM) in Rice <i>Kevin Gallagher, Peter Ooi, Tom Mew, Emer Borromeo, Peter Kenmore and Jan-Willem Ketelaar</i>	206

Part 4 Perspectives from Industrialized Countries

	Introduction to Part 4: Perspectives from Industrialized Countries <i>Jules Pretty</i>	223
18	Landscapes Lost and Found <i>Jules Pretty</i>	225
19	The Farm as Natural Habitat <i>Dana L. Jackson</i>	249
20	Diet and Health: Diseases and Food <i>Tim Lang and Michael Heasman</i>	261
21	Coming in to the Foodshed <i>Jack Kloppenburg, Jr, John Hendrickson and G. W. Stevenson</i>	304

Part 5 Perspectives from Developing Countries

	Introduction to Part 5: Perspectives from Developing Countries <i>Jules Pretty</i>	317
22	Rethinking Agriculture For New Opportunities <i>Erick Fernandes, Alice Pell and Norman Uphoff</i>	321

23	Soil Recuperation in Central America: How Innovation was Sustained after Project Intervention <i>Roland Bunch and Gabinò López</i>	341
24	Sustainable Rural Life and Agroecology, Santa Catarina State, Brazil <i>Sergio Pinheiro</i>	352
25	Lessons of Cuban Resistance <i>Peter Rosset and Martin Bourque</i>	362
26	Benefits from Agroforestry in Africa, with Examples from Kenya and Zambia <i>Pedro A. Sanchez</i>	368
27	Reducing Food Poverty by Increasing Agricultural Sustainability in Developing Countries <i>Jules Pretty, James Morison and Rachel Hine</i>	375
	<i>Index</i>	399