

Agricultural Restructuring and Sustainability

A Geographical Perspective

Edited by

Brian Ilbery

*Department of Geography
Coventry University
UK*

Quentin Chiotti

*Institute for Environmental Studies
University of Toronto
Canada*

and

Timothy Rickard

*Department of Geography
Central Connecticut State University
USA*

Contents

Contributors	ix
Preface	xiii
Introduction <i>Brian Ilbery, Quentin Chiotti and Timothy Rickard</i>	1
SECTION I: Conceptualizing Agricultural Restructuring and Sustainability	
1. Sustainable Development: A Critical Review of Rural Land-use Policy in the UK <i>Richard Munton</i>	11
2. Sustainability, Spatial Hierarchies and Land-based Production <i>Chris Cocklin, Greg Blunden and Warren Moran</i>	25
3. Greening and Globalizing: Agriculture in ‘the New Times’ <i>Guy M. Robinson</i>	41
SECTION II: Family Farming and Farming Culture	
4. Sustainable Technologies, Sustainable Farms: Farms, Households and Structural Change <i>Rebecca Roberts and Gail Hollander</i>	55

5. Environmental Change and Farm Restructuring in Britain: The Impact of the Farm Family Life Cycle	73
<i>Clive Potter</i>	
6. The Construction of Environmental Meanings Within 'Farming Culture' in the UK: The Implications for Agri- environmental Research	87
<i>Carol Morris and Charlotte Andrews</i>	
7. Community-level Worldviews and the Sustainability of Agriculture	101
<i>Janel M. Curry-Roper</i>	
SECTION III: Diversification and Alternative Agriculture	
8. Rural Re-regulation and Institutional Sustainability: A Case Study of Alternative Farming Systems in England	117
<i>Gordon Clark, Ian Bowler, Alastair Crockett, Brian Ilbery and Alastair Shaw</i>	
9. On and Off-farm Business Diversification by Farm Households in England	135
<i>Brian Ilbery, Michael Healey and Julie Higginbottom</i>	
10. Great Plains Agroecologies: The Continuum from Conventional to Alternative Agriculture in Colorado	153
<i>Leslie Aileen Duram</i>	
SECTION IV: Agricultural Sustainability and Climate Change	
11. Agricultural System Response to Environmental Stress	167
<i>John Smithers and Barry Smit</i>	
12. Adaptability of Agriculture Systems to Global Climate Change: A Renfrew County, Ontario, Canada Pilot Study	185
<i>Michael Brklacich, David McNabb, Chris Bryant and Julian Dumanski</i>	
13. Agricultural Response to Climate Change: A Preliminary Investigation of Farm-level Adaptation in Southern Alberta	201
<i>Quentin Chiotti, Tom Johnston, Barry Smit and Bernd Ebel</i>	

SECTION V: Sustainable Agriculture and Environmental Policy

- 14. Policy, Sustainability and Scale: The US Conservation Reserve Program** 219
M. Duane Nellis, Lisa M.B. Harrington and Jason Sheeley
- 15. Something Old, New, Borrowed and Blue: The Marriage of Agriculture and Conservation in England** 233
Nick J. Evans
- 16. Farmer Reaction to Agrienvironment Schemes: A Study of Participants in South-west England and the Implications for Research and Policy Development** 253
Andrew W. Gilg and Martin R.J. Battershill
- 17. Achieving Sustainability in Rural Land Management Through Landowner Involvement in Stewardship Programmes** 267
Stewart G. Hills

SECTION VI: Sustainability and Restructuring the Agricultural System

- 18. Scale Change, Discontinuity and Polarization in Canadian Farm-based Rural Systems** 279
Michael Troughton
- 19. Sustainability Issues in the Industrialization of Hog Production in the United States** 293
Owen J. Furuseth
- 20. Sustainable Agriculture and Its Social Geographic Context in Ontario** 313
Gerald Walker
- 21. Restructuring for Rural Sustainability: Overcoming Scale Conflicts and Cultural Biases** 329
Darrell Napton

- Index** 341