

Contents

INTRODUCTION	1
1 The Drama of the Commons <i>Thomas Dietz, Nives Dolšak, Elinor Ostrom, and Paul C. Stern</i>	3
PART I: RESOURCE USERS, RESOURCE SYSTEMS, AND BEHAVIOR IN THE DRAMA OF THE COMMONS	37
2 Common Resources and Institutional Sustainability <i>Arun Agrawal</i>	41
3 Unequal Irrigators: Heterogeneity and Commons Management in Large-Scale Multivariate Research <i>Pranab Bardhan and Jeff Dayton-Johnson</i>	87
4 Factors Influencing Cooperation in Commons Dilemmas: A Review of Experimental Psychological Research <i>Shirli Kopelman, J. Mark Weber, and David M. Messick</i>	113
5 Appropriating the Commons: A Theoretical Explanation <i>Armin Falk, Ernst Fehr, and Urs Fischbacher</i>	157
PART II: PRIVATIZATION AND ITS LIMITATIONS	193
6 The Tradable Permits Approach to Protecting the Commons: What Have We Learned? <i>Tom Tietenberg</i>	197

7	Common Property, Regulatory Property, and Environmental Protection: Comparing Community-Based Management to Tradable Environmental Allowances <i>Carol M. Rose</i>	233
PART III: CROSS-SCALE LINKAGES AND DYNAMIC INTERACTIONS		259
8	Institutional Interplay: The Environmental Consequences of Cross-Scale Interactions <i>Oran R. Young</i>	263
9	Cross-Scale Institutional Linkages: Perspectives from the Bottom Up <i>Fikret Berkes</i>	293
PART IV: EMERGING ISSUES		323
10	Scientific Uncertainty, Complex Systems, and the Design of Common-Pool Institutions <i>James Wilson</i>	327
11	Emergence of Institutions for the Commons: Contexts, Situations, and Events <i>Bonnie J. McCay</i>	361
12	An Evolutionary Theory of Commons Management <i>Peter J. Richerson, Robert Boyd, and Brian Paciotti</i>	403
CONCLUSION		443
13	Knowledge and Questions After 15 Years of Research <i>Paul C. Stern, Thomas Dietz, Nives Dolšak, Elinor Ostrom, and Susan Stonich</i>	445
ABOUT THE CONTRIBUTORS		491
INDEX		499