
Contents

<i>List of contributors</i>	vii
<i>Preface</i>	ix

PART I NONRENEWABLE RESOURCES

1 Basic economics of nonrenewable resource use <i>John M. Hartwick</i>	3
2 The Hotelling model with multiple demands <i>G�rard Gaudet and Stephen W. Salant</i>	23
3 Empirical evidence on the theory of nonrenewable resource economics <i>John Livernois and Henry Thille</i>	41
4 The taxation of nonrenewable natural resources <i>G�rard Gaudet and Pierre Lasserre</i>	66
5 Rent taxes and royalties in designing fiscal regimes for nonrenewable resources <i>Robin Boadway and Michael Keen</i>	97
6 The political basis of the resource curse <i>Richard M. Auty</i>	140

PART II MODELING OF BIOLOGICAL RESOURCES

7 Bioeconomics: nature as capital <i>Eli P. Fenichel, Sathya Gopalakrishnan and Onon Bayasgalan</i>	165
8 The forest harvesting problem: have we reached the limit of our understanding? <i>Gregory S. Amacher</i>	206
9 Biological resistance <i>Ramanan Laxminarayan and Markus Herrmann</i>	249

PART III CONSERVATION OF BIOLOGICAL RESOURCES

10	Structuring rights and privileges in catch share systems <i>Daniel Holland</i>	281
11	Spatial economics of forest conservation <i>Heidi J. Albers and Elizabeth J.Z. Robinson</i>	305
12	Ecosystem services <i>Edward B. Barbier</i>	330
13	Conservation prioritization using reserve site selection methods <i>Stephen C. Newbold and Juha Siikamäki</i>	358

PART IV WATER RESOURCES

14	Water economics <i>R. Quentin Grafton and Sarah Wheeler</i>	401
15	Water rate policy: prescription and practice <i>Ronald Griffin</i>	421
16	Water institutions and the law of one price <i>Eric C. Edwards and Gary D. Libecap</i>	442
17	Water quality and economics: willingness to pay, efficiency, cost-effectiveness, and new research frontiers <i>Yusuke Kuwayama and Sheila Olmstead</i>	474
18	Transboundary water issues <i>Edward B. Barbier and Anik Bhaduri</i>	502
	<i>Index</i>	529