## Environmental and Resource Economics

Selected Essays of Anthony C. Fisher

Anthony C. Fisher

Professor of Agricultural and Resource Economics University of California, Berkeley, US

**NEW HORIZONS IN ENVIRONMENTAL ECONOMICS** 

## Contents

	Acknowledgements Introduction	
PAI	RT I SYNTHESIS OF A NEW FIELD: ENVIRONMENTAL AND RESOURCE ECONOMICS	
1	Anthony C. Fisher and Frederick M. Peterson, 'The Environment in Economics: A Survey', <i>Journal of Economic Literature</i> , XIV (1) (March 1976): 1-33.	3
2	Anthony C. Fisher and Frederick M. Peterson, 'The Exploitation of Extractive Resources: A Survey', <i>Economic Journal</i> , <b>87</b> (348) (December 1977): 681-721.	36
3	Anthony C. Fisher, 'Natural Resources', in J. Eatwell, M. Milgate and P. Newman (eds), <i>The New Palgrave: A Dictionary of Economics</i> (New York: The Macmillan Company, 1987): 612-14.	77
PA	RT II INTRODUCTION OF ENVIRONMENTAL VALUES INTO BENEFIT/COST ANALYSIS	
4	Anthony C. Fisher, John V. Krutilla and Charles J. Cicchetti, 'The Economics of Environmental Preservation: A Theoretical and Empirical Analysis', <i>American Economic Review</i> , <b>62</b> (4) (September 1972): 605–19.	83
5	Charles J. Cicchetti, Anthony C. Fisher and V. Kerry Smith, 'An Econometric Evaluation of a Generalized Consumer Surplus Measure: The Mineral King Controversy', <i>Econometrica</i> , 44 (6) (November 1976): 1259-76.	98
6	Richard J. Zeckhauser and Anthony C. Fisher, Averting Behavior and External Diseconomies (Kennedy School Discussion Paper 41D: Harvard University, 1976).	116

7	Gregory M. Ellis and Anthony C. Fisher, 'Valuing the Environment as Input', Journal of Environmental Management, 25 (1987): 149-56.	148	
PART III IRREVERSIBILITY IN ECONOMIC PROCESSES			
8	Anthony C. Fisher and John V. Krutilla, 'Valuing Long Run Ecological Consequences and Irreversibilities', Journal of Environmental Economics and Management, 1 (2) (August 1974): 96-108.	159	
9	Kenneth J. Arrow and Anthony C. Fisher, 'Environmental Preservation, Uncertainty, and Irreversibility', Quarterly Journal of Economics, LXXXVIII (2) (May 1974): 312-19.	172	
10	Anthony C. Fisher and John V. Krutilla, 'Resource Conservation, Environmental Preservation, and the Rate of Discount', <i>Quarterly Journal of Economics</i> , LXXXIX (3) (August 1975): 358-70.	180	
PART IV UNCERTAINTY AND IRREVERSIBILITY			
11	Anthony C. Fisher and W. Michael Hanemann, 'Quasi-Option Value: Some Misconceptions Dispelled', <i>Journal of Environmental Economics and Management</i> , <b>14</b> (June 1987): 183-90.	195	
12	A.C. Fisher and W.M. Hanemann, 'Environmental Damages and Option Values', Natural Resource Modeling, 1 (1) (Fall 1986): 111-24.	203	
13	Anthony C. Fisher and W. Michael Hanemann, 'Information and the Dynamics of Environmental Protection: The Concept of the Critical Period', Scandinavian Journal of Economics, 92 (3) (1990): 399-414.	217	
PA	RT V SOCIAL DISCOUNTING AND INTERGENERATIONAL TRANSFERS		
14	Anthony C. Fisher, 'Environmental Externalities and the Arrow-Lind Public Investment Theorem', American Economic Review, 63 (4) (September 1973): 722-5.	235	
15	Anthony C. Fisher, 'A Paradox in the Theory of Public Investment', Journal of Public Economics, 2 (4) (November 1973): 405-7.	239	
PA	RT VI THE MEANING AND MEASUREMENT OF RESOURCE SCARCITY		
16	Anthony C. Fisher, On Measures of Natural Resource Scarcity, International Institute for Applied Systems Analysis, Research Report 77-19 (1977).	245	

17	Resource Scarcity', Proceedings of the Business and Economic Statistics Section, American Statistical Association (1978): 474-6.	275	
18	Shantayanan Devarajan and Anthony C. Fisher, 'Exploration and Scarcity', <i>Journal of Political Economy</i> , <b>90</b> (6) (December 1982): 1279–90.	278	
PAI	RT VII THE THEORY OF EXHAUSTIBLE RESOURCE DEPLETION AND DISCOVERY	7	
19	Anthony C. Fisher and Larry S. Karp, 'Nonconvexity, Efficiency and Equilibrium in Exhaustible Resource Depletion', <i>Environmental and Resource Economics</i> , 3 (February 1993), 97-106.	293	
PART VIII ENERGY MODELING AND POLICY ANALYSIS			
20	Kostas A. Despotakis and Anthony C. Fisher, 'Energy in a Regional Economy: A Computable General Equilibrium Model for California', <i>Journal of Environmental Economics and Management</i> , <b>15</b> (1988): 313-30.	305	
21	Anthony C. Fisher and Kostas A. Despotakis, 'Energy Taxes and Economic Performance: A Regional General Equilibrium Analysis', <i>Energy Economics</i> , 11 (April 1989): 153-7.	323	
22	Anthony C. Fisher and Michael H. Rothkopf, 'Market Failure and Energy Policy: A Rationale for Selective Conservation', <i>Energy Policy</i> , 17 (August 1989): 397–406.	328	
PART IX SOMETHING OLD AND SOMETHING NEW			
23	Anthony C. Fisher, 'Population and Environmental Quality', <i>Public Policy</i> , 19 (1) (Winter 1971): 91-35.	341	
24	Anthony C. Fisher, W. Michael Hanemann and Andrew G. Keeler, 'Integrating Fishery and Water Resource Management: A Biological Model of a California Salmon Fishery', <i>Journal of Environmental Economics and Management</i> , <b>20</b> (1991): 234-61.	358	
Naı	Name index		