

Contents

Part I Introduction and Policy Perspectives

1	Introduction: Benefit Transfer of Environmental and Resource Values	3
	John Rolfe, Robert J. Johnston, Randall S. Rosenberger and Roy Brouwer	
2	Introduction to Benefit Transfer Methods	19
	Robert J. Johnston, John Rolfe, Randall S. Rosenberger and Roy Brouwer	
3	The Use of Benefit Transfer in the United States	61
	John B. Loomis	
4	The Use and Development of Benefit Transfer in Europe	71
	Roy Brouwer and Ståle Navrud	
5	Applied Benefit Transfer: An Australian and New Zealand Policy Perspective	85
	John Rolfe, Jeffrey Bennett and Geoffrey Kerr	
6	Benefit Transfer for Water Quality Regulatory Rulemaking in the United States	101
	William J. Wheeler	

Part II Methods and Applications

7	Benefit Transfers with the Contingent Valuation Method	119
	John C. Whitehead, O. Ashton Morgan and William L. Huth	

8	Applying Benefit Transfer with Limited Data: Unit Value Transfers in Practice	141
	John Rolfe, Jill Windle and Robert J. Johnston	
9	Benefit Transfer Combining Revealed and Stated Preference Data	163
	Robert J. Johnston, Mahesh Ramachandran and George R. Parsons	
10	Benefit Transfer: Insights from Choice Experiments.	191
	John Rolfe, Jill Windle and Jeffrey Bennett	
11	Frontiers in Modeling Discrete Choice Experiments: A Benefit Transfer Perspective	209
	Richard T. Carson, Jordan J. Louviere, John M. Rose and Joffre Swait	
12	Benefit Transfer for Ecosystem Service Valuation: An Introduction to Theory and Methods	237
	Robert J. Johnston and Lisa A. Wainger	
13	Ecosystem Services Assessment and Benefit Transfer	275
	Silvia Ferrini, Marije Schaafsma and Ian J. Bateman	
14	Benefit Transfer Validity and Reliability	307
	Randall S. Rosenberger	
 Part III Meta-analysis		
15	Meta-analysis: Statistical Methods	329
	Jon P. Nelson	
16	Meta-analysis: Rationale, Issues and Applications	357
	John Rolfe, Roy Brouwer and Robert J. Johnston	
17	Meta-analysis: Econometric Advances and New Perspectives Toward Data Synthesis and Robustness	383
	Kevin J. Boyle, Sapna Kaul and Christopher F. Parmeter	

Part IV Spatial and Geographical Considerations

18 Spatial and Geographical Aspects of Benefit Transfer 421
 Marije Schaafsma

**19 Reliability of Meta-analytic Benefit Transfers of International
 Value of Statistical Life Estimates: Tests and Illustrations** 441
 Henrik Lindhjem and Ståle Navrud

**20 GIS-Based Mapping of Ecosystem Services:
 The Case of Coral Reefs** 465
 Luke M. Brander, Florian V. Eppink, Philipp Schägner,
 Pieter J.H. van Beukering and Alfred Wagtendonk

Part V Bayesian Methods

**21 A Bayesian Model Averaging Approach to the Transfer
 of Subjective Well-Being Values of Air Quality** 489
 Carmelo J. León and Jorge E. Araña

**22 Optimal Scope and Bayesian Model Search
 in Benefit Transfer** 507
 Klaus Moeltner

23 Structural Benefit Transfer Using Bayesian Econometrics. 525
 Daniel J. Phaneuf and George Van Houtven

Part VI Status and Prospects

24 Benefit Transfer: The Present State and Future Prospects 553
 Robert J. Johnston, Randall S. Rosenberger, John Rolfe
 and Roy Brouwer

Index 575



<http://www.springer.com/978-94-017-9929-4>

Benefit Transfer of Environmental and Resource Values
A Guide for Researchers and Practitioners

Johnston, R.J.; Rolfe, J.; Rosenberger, R.; Brouwer, R.
(Eds.)

2015, XXIII, 582 p. 44 illus., 14 illus. in color., Hardcover
ISBN: 978-94-017-9929-4