

# **A Primer on Nonmarket Valuation**

Edited by

**Patricia A. Champ**

*U.S. Forest Service,  
Rocky Mountain Research Station, Fort Collins, CO, U.S.A.*

**Kevin J. Boyle**

*Libra Professor of Environmental Economics,  
Department of Resource Economics & Policy, University of Maine, U.S.A.*

and

**Thomas C. Brown**

*U.S. Forest Service,  
Rocky Mountain Research Station, Fort Collins, CO, U.S.A.*



**KLUWER ACADEMIC PUBLISHERS**

DORDRECHT / BOSTON / LONDON

## Contents

List of Contributors	vii
Preface <i>by Patricia Champ, Kevin Boyle, and Thomas Brown</i>	ix
1. Economic Valuation: What and Why <i>A. Myrick Freeman III</i>	1
2. Conceptual Framework for Nonmarket Valuation <i>Nicholas E. Flores</i>	27
3. Collecting Survey Data for Nonmarket Valuation <i>Patricia A. Champ</i>	59
4. Introduction to Stated Preference Methods <i>Thomas C. Brown</i>	99
5. Contingent Valuation in Practice <i>Kevin J. Boyle</i>	111
6. Attribute-Based Methods <i>Thomas P. Holmes and Wiktor L. Adamowicz,</i>	171
7. Multiple Good Valuation <i>Thomas C. Brown and George L. Peterson</i>	221
8. Introduction to Revealed Preference Methods <i>Kevin J. Boyle</i>	259
9. The Travel Cost Model <i>George R. Parsons</i>	269
10. The Hedonic Method <i>Laura O. Taylor</i>	331

11. Defensive Behavior and Damage Cost Methods <i>Mark Dickie</i>	395
12. Benefit Transfer <i>Randall S. Rosenberger and John B. Loomis</i>	445
13. Nonmarket Valuation in Action <i>Daniel W. McCollum</i>	483
14. Where to from Here? <i>Richard C. Bishop</i>	537
Index	567