# Contents

- **List of contributors** vii  
- **Introduction** ix  

1. A reconsideration of environmental federalism  
   *Wallace E. Oates*  
   1  

2. Global environmental governance, political lobbying and transboundary pollution  
   *Surjinder Johal and Alistair Ulph*  
   33  

3. Endogenous transfrontier pollution  
   *Michael Rauscher*  
   59  

4. Allocating greenhouse gas emissions among countries with mobile populations  
   *Michael Hoel*  
   84  

5. Environmental regulation and international trade: a general equilibrium approach  
   *Chris Elbers and Cees Withagen*  
   98  

6. The ups and downs of the environmental Kuznets curve  
   *Arik Levinson*  
   119  

7. Participation in industry-wide voluntary approaches: short-run vs. long-run equilibrium  
   *Na Li Dawson and Kathleen Segerson*  
   142  

8. Irreversible development of a natural resource: management rules and policy issues when direct use values and environmental values are uncertain  
   *Anastasios Xepapadeas*  
   158  

9. A model of neighbourhood conditions and internal household environments  
   *Mark Agee and Thomas Crocker*  
   182  

10. Environmental policy and the timing of drilling and production in the oil and gas industry  
    *Mitch Kunce, Shelby Gerking and William Morgan*  
    202
Contents

11 Using flexible scenarios in benefit estimation: an application to the cluster rule and the pulp and paper industry 232
  Susan Kask, Todd Cherry, Jason Shogren and Peter Frykblom

12 Trade-off at the trough: TMDLs and the evolving status of US water quality policy 257
  Carol Mansfield and V. Kerry Smith

13 Heterogeneous preferences and complex environmental goods: the case of ecosystem restoration 286
  J. Walter Milon and David Scrogin

14 Incentives in public goods experiments: implications for the environment 309
  Jacob Goeree, Charles Holt and Susan Laury

15 An experimental test for options value: relevance for contingent valuation elicitation 340
  David Bjornstad, Paul Brewer, Ronald Cummings and Michael McKee

16 Is the scope test meaningful in the presence of other-regarding behaviour? 365
  William Schulze, Gregory Poe, Ian Bateman and Daniel Rondeau

Index 385