

# CONTENTS

## Preface

xi

## List of Contributors

xv

## Section 1: Introduction

1. The global scene for geographical education 3  
Rod Gerber

## Section 2: International Trends

2. Globalisation and geographical education 21  
Rod Gerber
3. Relevant knowledge, skills and values in geographical education 35  
John Lidstone
4. Maximising the use of communication technologies in  
geographical education 47  
Lea Houtsonen
5. Old cultures, new cultures in geographical education 65  
Manuela Malheiro Ferreira
6. Geography and the community 75  
Josefina Ostuni

## Section 3: Refocussing Learning and Teaching

7. Experience and Learning in Geography 89  
Margaret Robertson
8. Alternative geography 99  
Sarah Bednarz and Robert Bednarz
9. Continuity and change in geography education: learning and teaching 115  
Joseph P. Stoltman and Lisa DeChano



## **Section 4: Improving Curriculum Planning and Development**

10. Geography curriculum planning in evolution: some historical and international perspectives 141  
Bill Marsden
11. Effective approaches to curriculum development in geography 159  
David Lambert
12. The role of teachers in developing school geography curriculum 171  
Julie Okpala and Richard Tabulawa
13. International collaboration in the field of environmental and geographical education 191  
Taina Kaivola

## **Section 5: Innovation and Change in Geographical Education**

14. New media will accelerate the renewal of geographic education 205  
Joop van der Schee
15. Career-long professional development for geography teachers 215  
Simon Catling
16. Alliances, networks and partnerships in geographic education 235  
David Lanegran
17. A question of standards in geographical education 245  
Phillip Stimpson

## **Section 6: A Focus on Research in Geographical Education**

18. Research in geographical education: the search for impact 259  
Michael Williams
19. Geography teachers as action researchers 273  
Graham Butt
20. Exploring relationships between teaching and research in geography education 285  
Frances Slater

## **Section 7: International Geographical Education Futures**

21. Lifelong geographical education 301  
Hannele Cantell and Hannele Rikkinen

22. Self-directed learning and self-directed learners in  
geographical education 315  
Tammy Kwan
23. Improved intercultural geographical education 325  
Helena Allahwerdi and Hannele Rikkinen
24. Geography and information and communications technologies:  
some futures thinking 337  
W. Ashley Kent