

TABLE OF CONTENTS

Preface.....	X
Acknowledgements.....	XV

PART 1: SUMMARY AND OVERVIEW

1. THE COLUMBIAN ENCOUNTER AND ENVIRONMENTAL CHANGE.....	1
B. L. Turner II and Karl W. Butzer	
2. LAND-USE CHANGES BROUGHT ABOUT BY THE COLUMBIAN ENCOUNTER, 15TH-17TH CENTURIES.....	27
Fernando Tudela	
3. WESTERN EUROPE AND THE WESTERN HEMISPHERE, 18TH-20TH CENTURIES: MAGNITUDES AND IMPACTS OF LAND-COVER CHANGES..	47
Ian Douglas and R. I. Hodgson	
4. GLOBALIZATION, SPATIAL SCALES, AND DECISION MAKING: IMPLICATIONS FOR LAND USE.....	79
Pablo Bifani	
5. 1492-1992: SEARCHING FOR SIGNALS AND CONSEQUENCES OF GLOBALIZATION.....	109
Francesco di Castri	

PART 2: CASES FROM THE ENCOUNTER

6. WESTERN MEDITERRANEAN LAND-USE SYSTEMS AS ANTECEDENTS FOR SEMIARID AMERICA.....	131
Fernando González Bernáldez	

7. TRANSFER OF THE MEDITERRANEAN LIVESTOCK ECONOMY TO NEW SPAIN: ADAPTATION AND ECOLOGICAL CONSEQUENCES.....	151
Karl W. Butzer and Elisabeth K. Butzer	
8. LAND-USE SUCCESSION IN THE GULF LOWLANDS OF MEXICO.....	195
Alfred H. Siemens	
9. HUMAN-INDUCED LANDSCAPE CHANGES IN AMAZONIA AND IMPLICATIONS FOR DEVELOPMENT.....	221
Nigel J. H. Smith	
10. LAND-USE HISTORY AND FOUR HUNDRED YEARS OF VEGETATION CHANGE IN NEW ENGLAND.....	253
David Foster	
11. EXCHANGES OF WEEDS BETWEEN THE AMERICAS AND MEDITERRANEAN EUROPE.....	321
R. H. Groves	
12. LAND-USE CHANGE IN THE SEMIARID AND ARID TROPICS OF AFRICA.....	341
Christian Pieri	
PART 3: ONWARD FROM THE ENCOUNTER	
13. LANDSCAPE CHANGES IN THE LAST 500 YEARS IN THE GUADALQUIVIR RIVER VALLEY, SPAIN: WITH SPECIAL REFERENCE TO DOÑANA NATIONAL PARK.....	361
R. Fernández Alés, J. Merino and A. Martín	
14. DEMOGRAPHIC AND RESOURCE CHANGES IN THE BASIN OF MEXICO Exequiel Ezcurra.....	377

15. CONTEMPORARY PATTERNS OF LANDSCAPE CHANGE IN AREAS WITH A MEDITERRANEAN-TYPE CLIMATE IN CENTRAL CHILE.....	397
Eduardo Fuentes-Quezada, Sandra Miethke, and Reinaldo Avilés	
16. IMPACT OF AGRICULTURE AND LIVESTOCK PRODUCTION ON TROPICAL SOILS IN LATIN AMERICA.....	405
D. López-Hernández	
17. AGRICULTURAL TECHNOLOGY EXCHANGE AND DEVELOPMENT....	419
Vernon W. Ruttan	
List of Contributors.....	445