

Part I Background and Setting

- 1 **Geographic Extent and Characteristics of the World's Arid Zones and Their Peoples** 3
Mahesh K. Gaur and Victor R. Squires
- 2 **Recent Trends in Drylands and Future Scope for Advancement** 21
Ahmed E. Sidahmed
- 3 **Global Change and Its Consequences for the World's Arid Lands** 59
Richard Bawden

Part II Aridlands Under a Global Change Regime

- 4 **Humans as Agents of Change in Arid Lands: With Special Reference to Qinghai-Tibet Plateau, (China)** 75
Victor R. Squires and Haiying Feng
- 5 **Climate Variability and Impact on Livelihoods in the Cold Arid Qinghai-Tibet Plateau** 91
Haiying Feng and Victor R. Squires
- 6 **Integrated Watershed Management Approach in Drylands of Iran** 113
Hamid R. Solaymani and Hossein Badripour
- 7 **Thar Desert: Its Land Management, Livelihoods and Prospects in a Global Warming Scenario** 131
R.P. Dhir

Part III Northern Hemisphere Aridlands: Selected Examples

- 8 **Dryland Resources of North America with Special Reference to Regions West of the 100th Parallel** 151
Victor R. Squires

10	Drylands of China: Problems and Prospects	203
	Shiming Ma	
11	Drylands of the Mediterranean Basin: Challenges, Problems and Prospects.	223
	Ahmed H. Mohamed and Victor R. Squires	

Part IV Southern Hemisphere Aridlands: Selected Examples

12	Southern African Arid Lands: Current Status and Future Prospects	243
	Klaus Kellner, Graham von Maltitz, Mary Seely, Julius Athlopheng, and Lehman Lindeque	
13	Arid and Semiarid Rangelands of Argentina	261
	C.A. Busso and Osvaldo A. Fernández	
14	The Impact of Climate Variability on Land Use and Livelihoods in Australia's Rangelands.	293
	David J. Eldridge and Genevieve Beecham	

Part V Summary, Synthesis and Concluding Remarks

15	Drylands Under a Climate Change Regime: Implications for the Land and the Pastoral People They Support.	319
	Mahesh K. Gaur and Victor R. Squires	
16	Unifying Concepts, Synthesis, and Conclusions.	335
	Victor R. Squires and Mahesh K. Gaur	