

CONTENTS

1	The Greenhouse Effect, Climatic Change, and Ecosystems	1
2	Emission of CO <sub>2</sub> into the Atmosphere	35
PART A: HOW IS MAN CHANGING THE COMPOSITION OF THE ATMOSPHERE?		
3	How Much CO <sub>2</sub> Will Remain in the Atmosphere?	93
4	Other Greenhouse Gases and Aerosols	157
PART B: A WARMER CLIMATE		
5	How Will Climate Change?	206
6	Empirical Climate Studies	271
7	Changing the Sea Level	323
PART C: THE IMPACTS ON TERRESTRIAL ECOSYSTEMS		
8	The Effects of Increased CO <sub>2</sub> and Climatic Change on Terrestrial Ecosystems	363
9	CO <sub>2</sub> , Climatic Change and Agriculture	393
10	CO <sub>2</sub> , Climatic Change and Forest Ecosystems	475
	Index	523