


Contents

INTRODUCTION vii




FOREWORD ix





Peter H. Raven

PART 1: OVERVIEW

 The scale of our presence	3
The theory of population-environment links	7
Population and consumption trends	12
Natural resources and wastes	21
The state of major ecosystems	27
Policy responses	35
<i>Overview endnotes</i>	38

PART 2: ATLAS

 Population and natural resources	43
Energy	47
Freshwater	51
Foodcrops	55
Meat and fish	59
Forest products	63
International trade	67
 Population and landuse	71
Croplands	75
Pastures	79
Mineral extraction	83
Migration and tourism	87
Urbanization	91
 Population and atmosphere	95
Climate change	99
Air pollution	103

	Population, waste and chemicals	107
	Industrial chemicals	111
	Agrochemicals	115
	Population and ecosystems	119
	Mountains	123
	Forests	127
	Deserts and drylands	131
	Freshwater wetlands	135
	Mangroves and estuaries	139
	Coral reefs	143
	Regional seas	147
	Oceans	151
	Polar regions	155
	Population and biodiversity	159
	Species	163
	Ecosystems and conservation	167
	<i>Atlas endnotes</i>	171
PART 3: CASE STUDIES		
	The Northern Andes	178
	Canaima National Park	180
	The Dominican Republic	182
	The Eastern Himalayas	184
	Madagascar	186
	The Sonoran Desert	188
	<i>Index</i>	190
	<i>Sources</i>	198
	<i>World map</i>	202
	<i>Conversion tables</i>	204