

# CONTENTS

FOREWORD by Gerald Durrell 10

## INTRODUCTION

### **The Fragile Miracle 12-21**

Accelerating evolution 14, Latecomers to evolution 16, The long shadow 18, Crisis or challenge? 20

## LAND

*Introduction by Erik Eckholm 22*

### **The Land Potential 24-39**

The fertile soil 24, The green potential 26, The global forest 28, Tropical forests 30, Humans on the land 32, The world croplands 34, The world's grazing herd 36, The global larder 38

### **The Land Crisis 40-49**

The disappearing soil 40, The shrinking forest 42, Destroying the protector 44, The encroaching desert 46, Hunger and glut 48

### **Managing the Land 50-67**

The cash-crop factor 50, The global supermarket 52, Harvesting the forest 54, Forests of the future 56, Managing the soil 58, Green revolution? 60, The Chinese model 62, Agriculture in the balance 64, Towards a new agriculture 66

## OCEAN

*Introduction by Greenpeace 68*

### **The Ocean Potential 70-81**

The world ocean 70, The living ocean 72, The vital margins 74, The global shoal 76, Ocean technology 78, The polar zones 80

### **The Ocean Crisis 82-89**

The empty nets 82, Polluting the oceans 84, Destruction of habitats 86, Whose ocean? 88

### **Managing the Ocean 90-99**

Harvesting the sea 90, Clean-up for the ocean 92, Managing Antarctica 94, Laws of the sea 96, Future ocean 98

## ELEMENTS

*Introduction by James E. Lovelock 100*

### **The Elemental Potential 102-111**

The global powerhouse 102, The energy store 104, The climate asset 106, The freshwater reservoir 108, The mineral reserve 110

### **The Elements Crisis 112-125**

The oil crisis 112, The fuelwood crisis 114, The greenhouse effect 116, The invisible threat 118, Water that kills 120, Widening circle of poison 122, The nuclear dilemma 124

### **Managing the Elements 126-137**

An energy-efficient future? 126, Managing energy in the South 128, The climate factor 130, Managing water 132, Clean water for all 134, Waste into wealth 136

# EVOLUTION

*Introduction by Paul R. Ehrlich 138*

## **The Evolutionary Potential 140-151**

The life pool 140, Life strategies 142, Partners in evolution 144, The genetic resource 146, Keys to the wild 148, Fellowship with wildlife 150

## **Evolution in Crisis 152-159**

The irreplaceable heritage 152, The destruction of diversity 154, Genetic erosion 156, Towards a lonely planet 158

## **Evolution in Management 160-169**

Conserving the wild 160, Harvesting wildlife 162, Preserving the genetic resource 164, Laws and conventions 166, Towards a new conservation 168

# HUMANKIND

*Introduction by V. Tarzie Vittachi 170*

## **The Human Potential 172-179**

People potential 172, The world at work 174, *Homo sapiens* 176, A sense of identity 178

## **Crisis: the Inability to Participate 180-189**

The numbers game 180, The work famine 182, Sickness and stress 184, The literacy chasm 186, Outcasts and refugees 188

## **Managing Ourselves 190-199**

Managing numbers 190, The voice of women 192, Health for all 194, Tools and ideas 196, A polycultural world? 198

# CIVILIZATION

*Introduction by Alvin Toffler 200*

## **The Power of Civilization 202-211**

The world city 202, The world factory 204, The power of communications 206, The world market 208, The world's wealth 210

## **Crisis: the Divided World 212-221**

Chaos in the cities 212, Monopolies in media control 214, Market tremors 216, Haves and have-nots 218, The poverty bomb 220

## **Managing our Civilization 222-231**

Urban regeneration 222, The will to communicate 224 Technology transfer 226, Growing interdependence 228, Closing the gap 230

# MANAGEMENT

*Introduction by William Clark 232*

## **The Management Potential 234-241**

The family of nations 234, Reluctant internationalists 236, Voice of the world 238, Voice of the village 240

## **Crisis: the Threat of War 242-251**

Breaking points 242, Towards a violent planet 244, The cost of militarism 246, One million Hiroshimas 248, Bang or whimper? 250

## **Under New Management 252-257**

The great transition 252, Coming of age 254, Safeguarding the fragile miracle 256

## **EPILOGUE**

by Norman Myers 258

## **APPENDICES 259-72**

Maps and data, Bibliography, Abbreviations 259; Glossary 260; Sources and credits 261; Index 267; Acknowledgements 272