

Contents

Preface by Asa Briggs	<i>page</i> v
Acknowledgements	vi
The Project Team	viii
Part I: The World Models and their Sub-systems	
1. Malthus with a computer Christopher Freeman	5
2. The structure of the world models H. S. D. Cole	14
3. Non-renewable resources sub-system R. W. Page	33
4. The population sub-system R. W. Page	43
5. The agricultural sub-system Pauline K. Marstrand and K. L. R. Pavitt	56
6. The capital and industrial output sub-system P-A. Julien and Christopher Freeman	66
Appendix C. M. Cooper	75
7. The pollution sub-system Pauline K. Marstrand and T. C. Sinclair	80
8. Energy resources A. J. Surrey and A. J. Bromley	90
9. An evalution of the world models H. S. D. Cole and R. C. Curnow	108
Part II: The Ideological Background	
10. Malthus and other economists K. L. R. Pavitt	137
11. Population forecasting R. W. Page	159
12. Environmentalism T. C. Sinclair	175
13. Systems dynamics and technocracy H. G. Simmons	192
14. Postscript on social change Marie Jahoda	209
Index	216